Groundwater
& Environmental Services, Inc.

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February 21, 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
Second Semi-Annual Report for 2011

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 July 1, 2011 through December 31, 2011.

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=ajanik@gesonline.com, c=US
Date: 2012.02.21 14:52:51 -05'00'

Andrew Janik
Project Manager

cc: Glenn May, CPG, NYSDEC
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Douglas Morrison, Bristol-Myers Squibb Company, via email: douglas.morrison@bms.com
John Alonzo, de maximis, Inc., via email: jjalonzo@demaximis.com

Periodic Review Report
Second Semi-Annual Report for 2011

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

PREPARED BY:

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

February 2012

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EXECUTIVE SUMMARY

INTRODUCTION

This Second Semi-Annual Periodic Review Report (PRR) for 2011 for the Iroquois Gas/Westwood Pharmaceutical site summarizes the monitoring, maintenance, and compliance activities conducted from July 1 through December 31, 2011. 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.

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 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 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 December 2011 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 December 2011 sample results to historical results.

The extraction wells and piezometers were gauged in August and November, 2011. 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. GES routinely monitors the bank of the Creek for obvious deficiencies (slumping of the bank, seepage of water from the bank, etc.) and none have been noted to date. Based on these visual observations, GES attributes the higher water table elevations in these piezometers to the mounding of groundwater 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 that hydraulic control continues to be maintained.

GES conducted quarterly cap inspections on September 15 and November 18, 2011. The NYSDEC declined attendance to the second semi-annual formal cap inspection in November. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the September and November 2011 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 14.5 gallons of non-aqueous phase liquid (NAPL) were collected during the third quarter 2011 (July - September) and approximately 3.5 gallons of NAPL were collected during the fourth quarter 2011 (October - December). Based on the treatment system analytical data and the NAPL recovery for the reporting period, the system is operating as designed.

Approximately 70,988 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 31,461 gallons were treated and discharged during the third quarter 2011 and approximately 39,527 gallons were treated and discharged during the fourth quarter 2011. Historical third and fourth quarter discharge volumes are relatively average when compared to previous years.

The treatment system operated at approximately 93% during the third quarter and at 90% during the fourth quarter. The third quarter down-time was due to process line (air and/or water) repairs in the vault of extraction wells EW-3, EW-5, EW-6, and EW-7. The fourth quarter down-time was due to the replacement of both 55-gallon carbon drums with two fiberglass reinforced plastic (FRP) vessels, and a power outage.

SCAJAQUADA CREEK STABILIZATION

At the request of the New York State Department of Environmental Conservation (NYSDEC), National Fuel Gas (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 non-aqueous phase liquid (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.

The sheet pile wall was originally installed by NFG at the bank of Scajaquada Creek. As part of the agreement between NFG and Westwood Pharmaceutical (now Bristol-Myers), NFG agreed to maintain the sheet pile wall. The purpose of the wall, in conjunction with the pump-and-treat system, is to provide gradient control and to prevent, to the extent practical, migration of contaminants from the site into groundwater and/or surface waters.

On behalf of Bristol-Myers Squibb Company (Bristol-Myers), Groundwater & Environmental Services, Inc. (GES) prepared a letter, dated October 26, 2011, in response to the NYSDEC's request for a Work Plan to investigate how much NAPL is present behind the sheet pile wall. The response letter indicated that based upon review of historical groundwater elevations, for both the piezometers and extraction wells, and the continual collection of NAPL from the oil/water separator, the pump-and-treat system has been and continues to operate as designed. It also stated that the transient release of NAPL to the Scajaquada Creek indicates a deficiency in the design/maintenance (i.e. lifting holes) of the sheet pile wall, which compromises its hydrostatic competence. Therefore, neither GES nor Bristol-Myers believes that preparation of a Work Plan is required at this time.

As a result of the NFG bank work, the sheet pile wall is to some extent accessible for visual inspection. 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. Visual inspections indicate that the sheet pile wall continues to provide containment. However, if a deficiency is identified (i.e. NAPL seepage from the wall), GES will notify the NYSDEC immediately.

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 July through December 2011 (hydrographs and NAPL collection), all aspects of the remedial system are operating within design specifications.

- Analytical data for the December 2011 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 third and fourth quarters were relatively average when compared to previous years. The treatment system operated at approximately 93% during the third quarter and at 90% during the fourth quarter.

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

RECOMMENDATIONS

- **Reduce NYSDEC cap inspection attendance from semi-annually to annually.** Formal cap inspections with the NYSDEC have been conducted on a semi-annual basis in accordance with the O&M program. GES's routine cap inspections would continue to be completed and documented on quarterly basis and formal inspections with the NYSDEC would be conducted on an annual basis. Any minor deficiencies observed during the quarterly inspections where the NYSDEC was not present would be documented and discussed with the NYSDEC during formal inspections. Any major deficiencies observed would be reported to the NYSDEC within 24 hours of the inspection.

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**). The site operated as a manufactured gas plant from approximately 1897 through 1955. Iroquois Gas (now National Fuel Gas) 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 New York State Department of Environmental Conservation (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 National Fuel Gas and Westwood, National Fuel Gas 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 six 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).

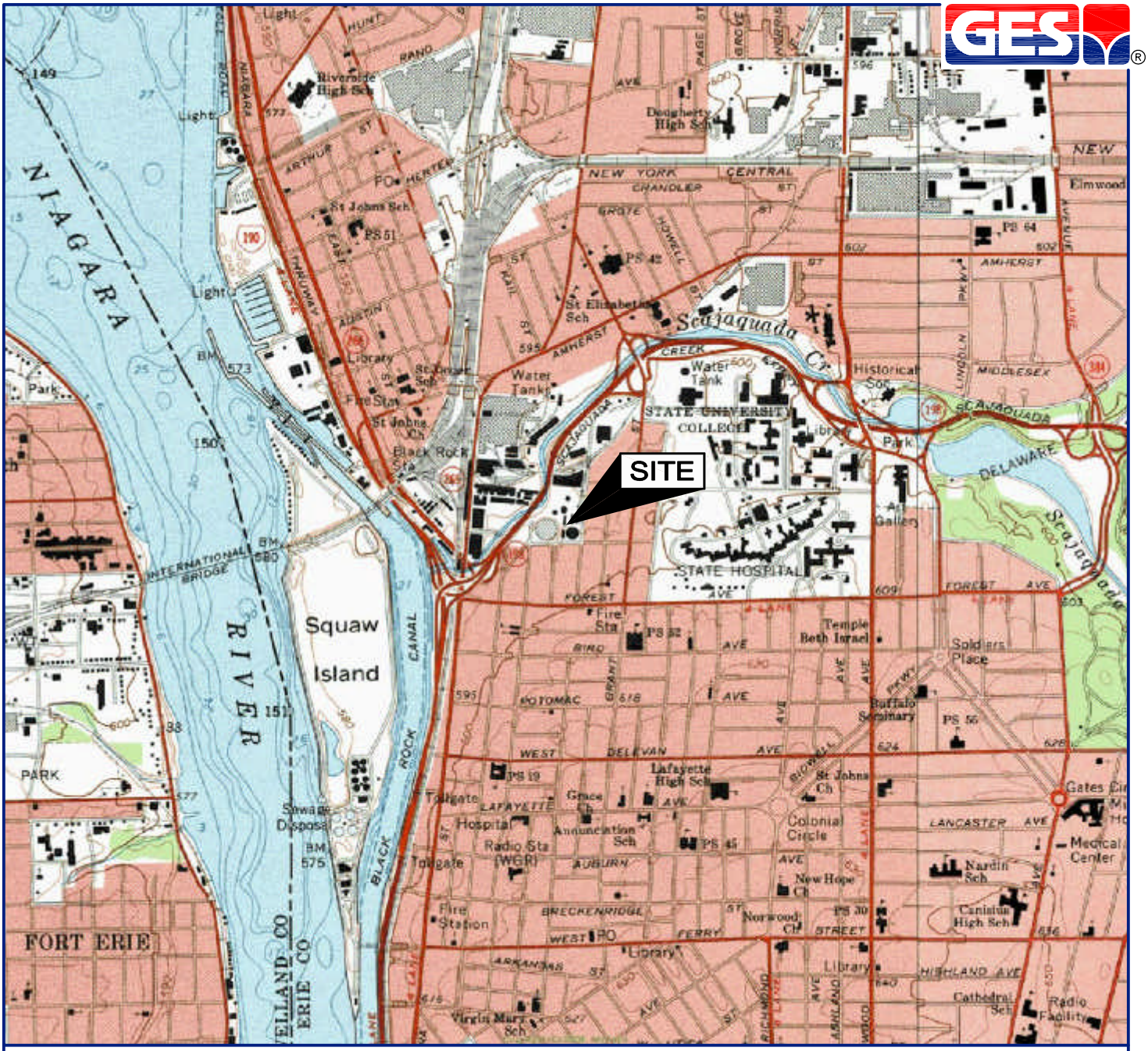
Presently, the environmental monitoring system for groundwater and surface water includes the following:

- 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

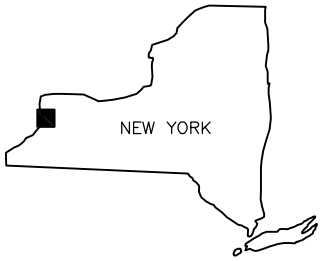
- Piezometers P-1 through P-6. These were installed to measure the hydraulic gradient between the recovery wells and Scajaquada Creek and to monitor the performance of the extraction well system.

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, Groundwater & Environmental Services, Inc. (GES) was retained by Bristol-Myers Squibb Company and will continue with O&M of the system.



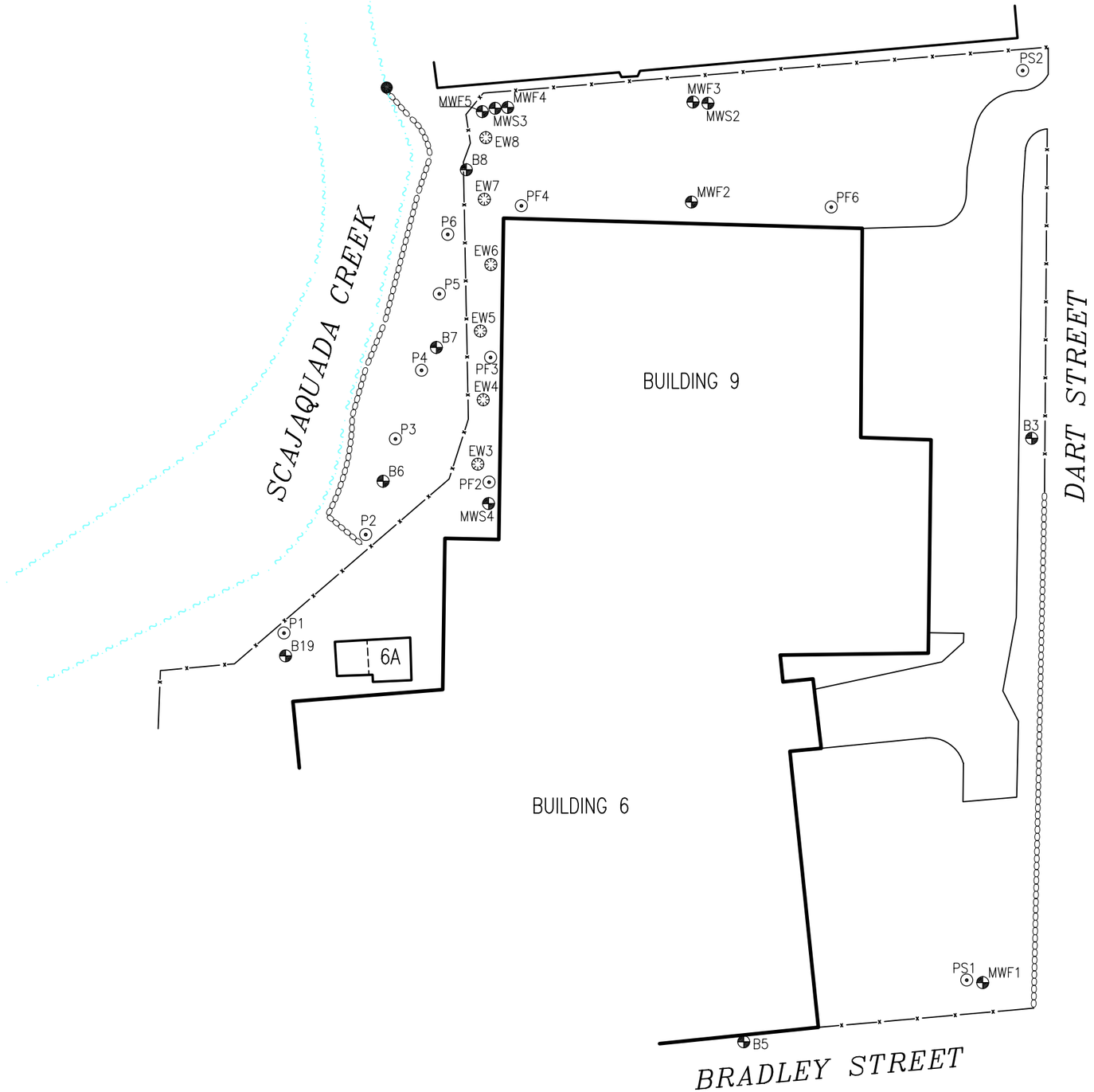
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1965
BUFFALO, NORTHWEST
CONTOUR INTERVAL = 10'



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	DATE	FIGURE
0 2000	1-13-2012	1-1



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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 1-13-12	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's understanding of the control, the monitoring program, and frequency and notation of any deficiencies/corrective measures for the reporting period. The completed Institutional and Engineering Controls Certification Form is provided **Appendix F**.

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 December 13, 2011. 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 onsite water treatment plant. Following collection, the samples were packed in ice and shipped via same-day delivery to an approved laboratory in accordance with chain-of-custody procedures. Groundwater sample analyses were performed by TestAmerica, Inc. (TestAmerica) of Amherst, New York.

2.3 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 August and November 2011. 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 third and fourth quarter 2011 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 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 September 15, and November 18, 2011. The NYSDEC declined attendance to the second semi-annual formal cap inspection in November. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the September and November 2011 inspections. The 2011 Quarterly Cap Inspection Report is provided in **Table 2.4**.

2.5 GROUNDWATER TREATMENT SYSTEM OPERATION & MAINTENANCE

In accordance with the 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 July through December, 2011 are discussed in **Section 3**. The monthly analytical data packages are provided in **Appendix D**. Historical analytical data, since 2005, is provided in **Appendix E-1** and a copy of the discharge permit for the site is provided in **Appendix E-2**.

2.6 WASTE DISPOSAL

A waste disposal event was not conducted during the reporting period.

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
Pump & Treat	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.	Monthly	On September 8, 2011, the NYSDEC was notified by NFG that a non-aqueous phase liquid (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 lift hole and filled the void with hydraulic cement.	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. If a deficiency is identified (i.e. NAPL seepage from the wall), GES will notify the NYSDEC immediately.

Table 2.2

2011 Quarterly Water Level Measurements

WELL NAME	WELL SIZE	3Q2011 8/31/2011 DTW (BTOC)	4Q2011 11/18/2011 DTW (BTOC)
EW-3	8"	19.98	20.37
EW-4	8"	23.85	23.81
EW-5	8"	24.09	23.76
EW-6	8"	22.7	23.85
EW-7	8"	23.04	22.41
EW-8	8"	24.15	24.6
P-1	2"	14.4	14.31
P-2	2"	16.81	16.75
P-3	2"	20.84	19.82
P-4	2"	21.49	20.77
P-5	2"	17.69	17.74
P-6	2"	19.51	18.21
Creek	NA	12.60	12.50

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

2011 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	03/31/11 BM	05/11/11 BM	09/15/11 BM	11/18/11 BM
Repair, regrade and/or reseal any surface cracks or imperfections	03/31/11 BM	05/11/11 BM	09/15/11 BM	11/18/11 BM
Inspect asphalt for physical/chemical weathering, cracks, imperfections	03/31/11 BM	05/11/11 BM	09/15/11 BM	11/18/11 BM
Identify and penetration into the surface by animals and roots.	03/31/11 BM	05/11/11 BM	09/15/11 BM	11/18/11 BM
Note any differential settling of cap layers.	03/31/11 BM	05/11/11 BM	09/15/11 BM	11/18/11 BM

Notes:

First Quarter: No deficiencies were noted during the inspection.

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

Third Quarter: No deficiencies were noted during the inspection.

Fourth Quarter: No deficiencies were noted. NYSDEC declined attendance.

SECTION 3
MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Semi-annual groundwater sampling was conducted on December 13, 2011 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 December 2011 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 December 2011 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 third and fourth quarter 2011 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. GES routinely monitors the bank of the Creek for obvious deficiencies (slumping of the bank, seepage of water from the bank, etc.) and none have been noted to date. Based on these visual observations, GES attributes the higher water table elevations in piezometers P-2, P-5, and P-6 to the mounding of groundwater 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 that hydraulic control continues to be maintained.

3.3 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 70,988 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 31,461 gallons were treated and discharged during the third quarter 2011 and approximately 39,527 gallons were treated and discharged during the fourth quarter 2011. Historical third and fourth quarter discharge volumes were relatively average when compared to previous years.

The treatment system operated at approximately 93% during the third quarter and at 90% during the fourth quarter. The third quarter down-time was due to process line (air and/or water) repairs in the vault of extraction wells EW-3, EW-5, EW-6, and EW-7. The fourth quarter down-time was due to the replacement of both 55-gallon carbon drums with two fiberglass reinforced plastic (FRP) vessels, and a power outage.

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 14.5 gallons of non-aqueous phase liquid (NAPL) were collected during the third quarter 2011 (July - September) and approximately 3.5 gallons of NAPL were collected during the fourth quarter 2011 (October - December).

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 D**. Historical analytical data, since 2005, is provided in **Appendix E-1** and a copy of the discharge permit for the site is provided in **Appendix E-2**. Monthly analytical discharge data indicates that the treatment system has been operating and discharging in accordance with the permitted discharge limits.

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	6/17/2010	9.29	7.2	0.034	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/20/2010	10.04	7.6	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/29/2011	9.51	7.3	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	9.75	7.5	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-6	6/17/2010	19.37	7.7	0.076	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/20/2010	17.98	8.0	0.075	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/29/2011	18.74	8.0	0.09	0.044	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	18.21	7.8	0.11	0.067	ND<0.20	ND<0.40	ND<0.20
B-7	6/17/2010	20.69	7.6	0.46	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/20/2010	19.05	7.9	1.9	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/29/2011	20.12	7.4	0.22	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	19.52	7.9	0.12	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-8	6/17/2010	18.59	7.7	0.49	ND<0.20	2.9	0.17	2.2
	12/20/2010	18.21	7.9	92	1.3	47	8.8	18
	6/29/2011	18.41	7.8	86	1.3	60	7.6	25
	12/13/2011	18.11	7.5	100	1	50	9.3	17
MW-F2	6/17/2010	10.11	6.7	150	21	680	640	400
	12/20/2010	9.89	7.0	110	12	700	650	410
	6/29/2011	10.11	6.8	49	10	620	600	390
	12/13/2011	9.74	6.8	81	7.3	420	420	290
MW-F3	6/17/2010	4.31	7.2	0.028	0.099	ND<0.20	0.15	0.64
	12/20/2010	5.48	6.8	0.18	ND<0.20	ND<0.20	0.19	0.94
	6/29/2011	4.80	7.2	ND<2.0	ND<2.0	ND<2.0	0.18	0.29
	12/13/2011	4.92	7.2	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
MW-F4	6/17/2010	16.09	7.6	73	4.7	130	34	78
	12/20/2010	16.06	7.8	ND<4.0	1.5	120	28	76
	6/29/2011	16.26	7.8	140	4.2	180	23	83
	12/13/2011	16.47	7.8	64	2.1	84	16	54
PS-1	6/17/2010	11.47	7.4	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/20/2010	12.16	7.6	0.075	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	6/29/2011	10.16	7.5	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	12/13/2011	11.02	7.6	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
July - December 2011

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**
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

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements
BOLD values indicate concentration exceeds discharge limit
ND = Not Detected

Figure 3.1
Piezometer and Scajaquada Creek Hydrograph (2010-2011)

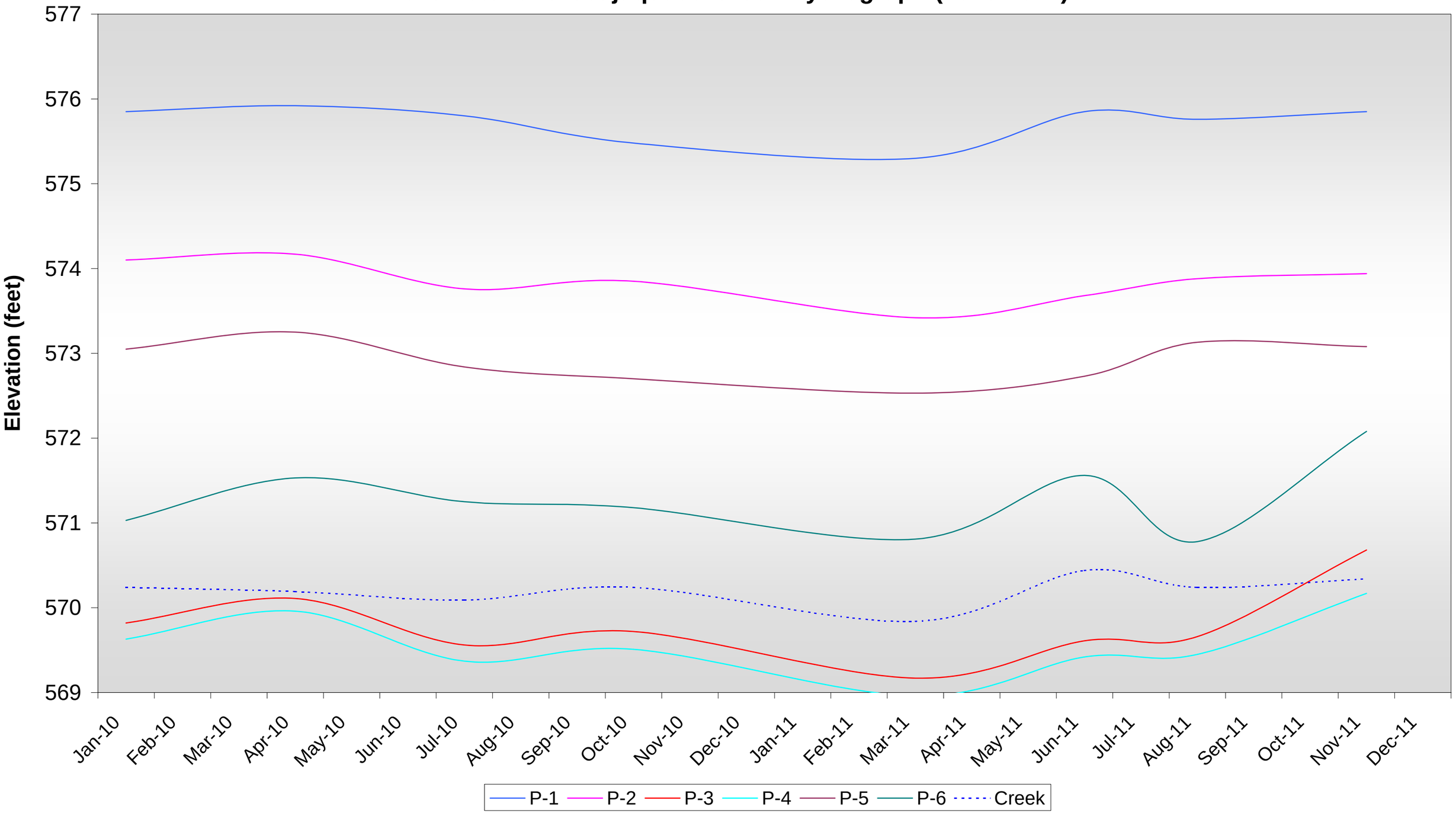


Figure 3.2
Extraction Well and Scajaquada Creek Hydrograph (2010-2011)

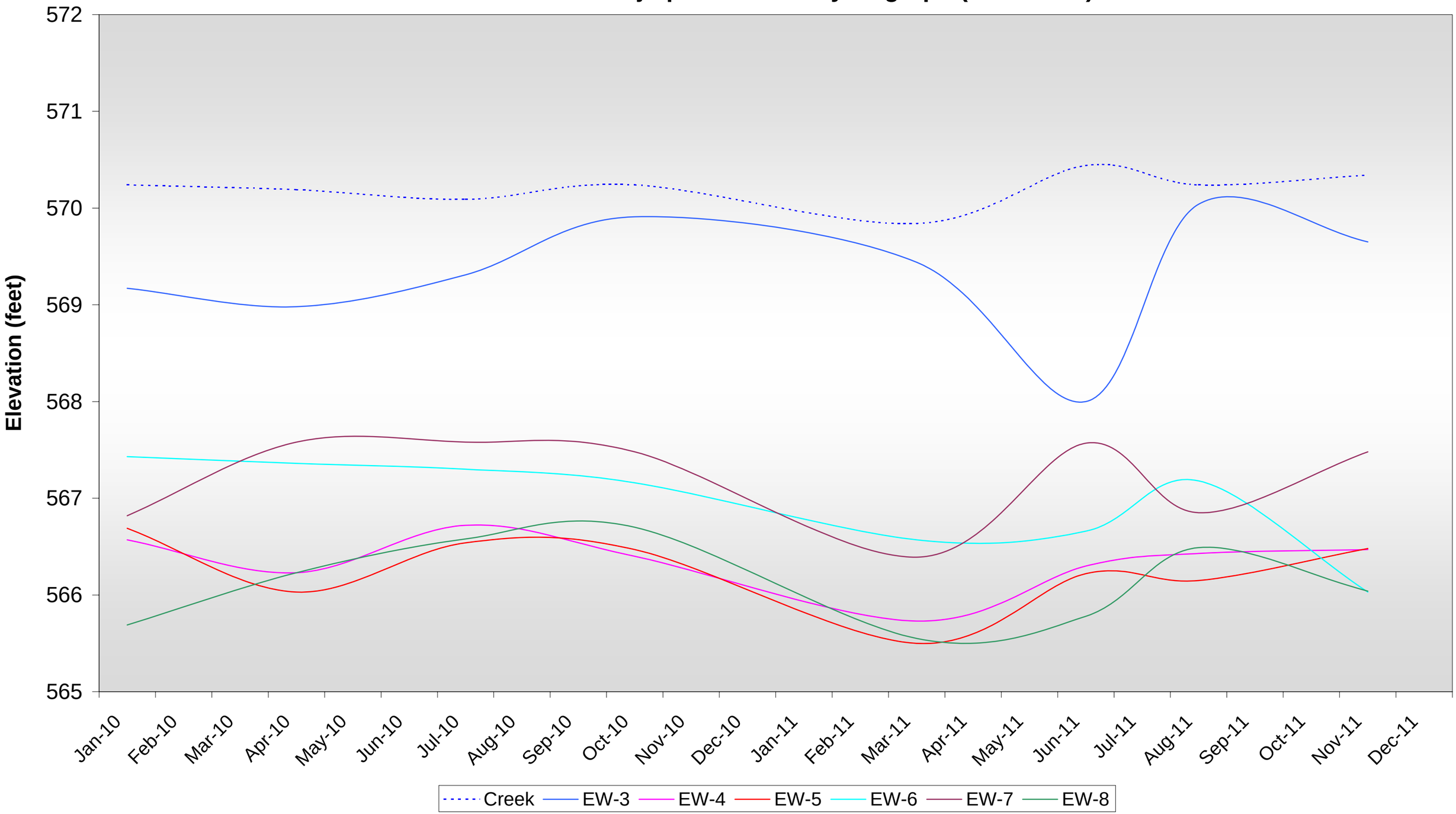
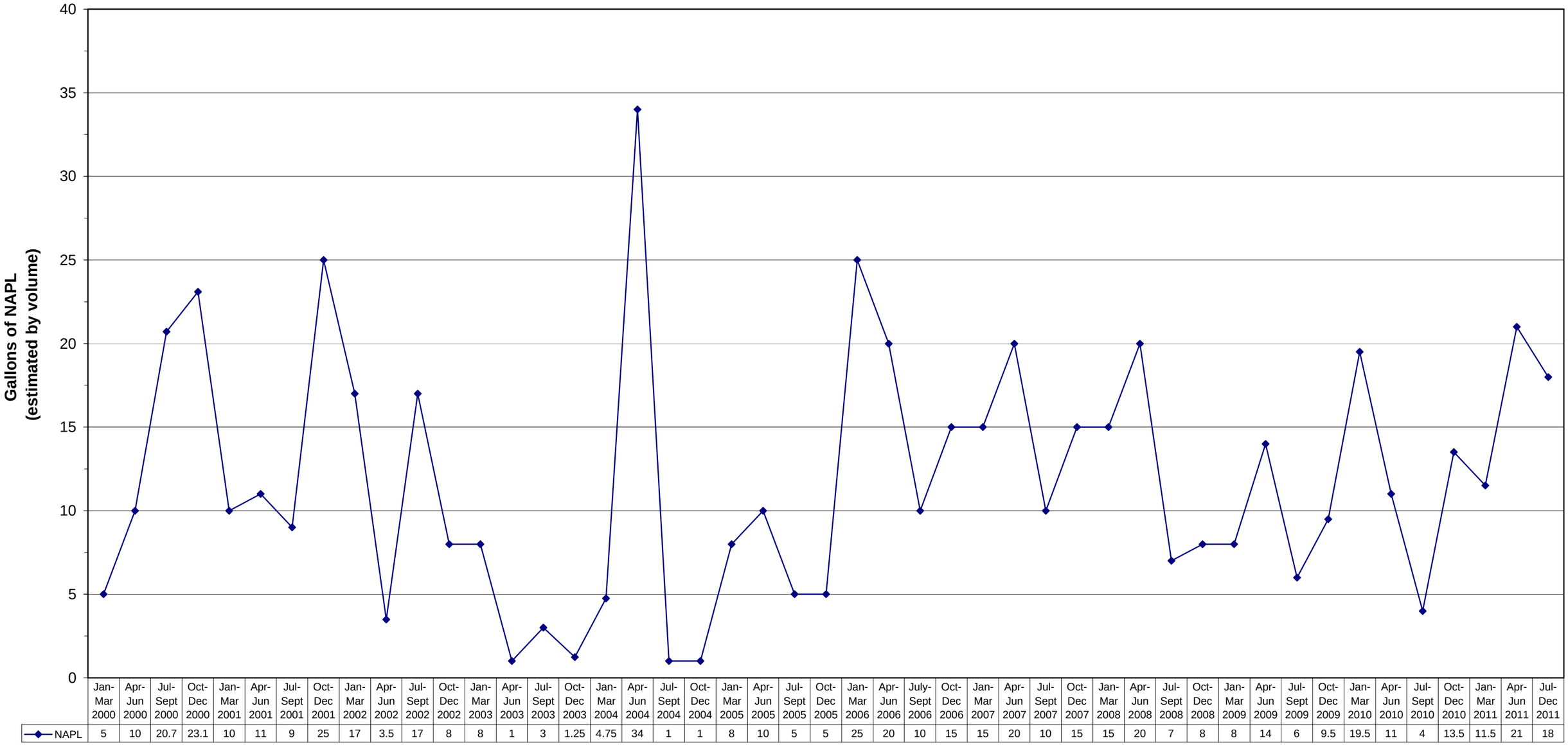


Figure 3.3
Quarterly NAPL Collection



	Jan-Mar 2000	Apr-Jun 2000	Jul-Sept 2000	Oct-Dec 2000	Jan-Mar 2001	Apr-Jun 2001	Jul-Sept 2001	Oct-Dec 2001	Jan-Mar 2002	Apr-Jun 2002	Jul-Sept 2002	Oct-Dec 2002	Jan-Mar 2003	Apr-Jun 2003	Jul-Sept 2003	Oct-Dec 2003	Jan-Mar 2004	Apr-Jun 2004	Jul-Sept 2004	Oct-Dec 2004	Jan-Mar 2005	Apr-Jun 2005	Jul-Sept 2005	Oct-Dec 2005	Jan-Mar 2006	Apr-Jun 2006	July-Sept 2006	Oct-Dec 2006	Jan-Mar 2007	Apr-Jun 2007	Jul-Sept 2007	Oct-Dec 2007	Jan-Mar 2008	Apr-Jun 2008	Jul-Sept 2008	Oct-Dec 2008	Jan-Mar 2009	Apr-Jun 2009	Jul-Sept 2009	Oct-Dec 2009	Jan-Mar 2010	Apr-Jun 2010	Jul-Sept 2010	Oct-Dec 2010	Jan-Mar 2011	Apr-Jun 2011	Jul-Dec 2011
NAPL	5	10	20.7	23.1	10	11	9	25	17	3.5	17	8	8	1	3	1.25	4.75	34	1	1	8	10	5	5	25	20	10	15	15	20	10	15	15	20	7	8	8	14	6	9.5	19.5	11	4	13.5	11.5	21	18

Quarterly Timeframe

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 July through December 2011 (hydrographs and NAPL collection), all aspects of the remedial system are operating within design specifications.

- Analytical data for the December 2011 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 third and fourth quarters were relatively average when compared to previous years. The treatment system operated at approximately 93% during the third quarter and at 90% during the fourth quarter.

- GES is recommending that formal cap inspections with the NYSDEC be reduced from semi-annually to annually. GES's routine cap inspections would continue to be completed and documented on quarterly basis and formal inspections with the NYSDEC would be conducted on an annual basis. Any minor deficiencies observed during the quarterly inspections where the NYSDEC was not present would be documented and discussed with the NYSDEC during formal inspections. Any major deficiencies observed would be reported to the NYSDEC within 24 hours of the inspection.

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

APPENDIX A
December 2011 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: 480-13967-1
Client Project/Site: Bristol Myers Squibb Semi-annual

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Denise L Giglia

Authorized for release by:
12/30/2011 4:54:56 PM

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Qualifiers

GC VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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)

Job ID: 480-13967-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-13967-1

Comments
No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
Method 8021B: The following samples were diluted due to abundance of target analytes: B-8 (480-13967-4), MW-F2 (480-13967-6), MW-F4 (480-13967-8). Therefore, elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Client Sample ID: B-3 — Lab Sample ID: 480-13967-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.52		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-6 — Lab Sample ID: 480-13967-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.11	J	0.20	0.023	ug/L	1		8021B	Total/NA
Toluene	0.067	J	0.20	0.036	ug/L	1		8021B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.83		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-7 — Lab Sample ID: 480-13967-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.12	J	0.20	0.023	ug/L	1		8021B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.89		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: B-8 — Lab Sample ID: 480-13967-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	100		2.0	0.23	ug/L	10		8021B	Total/NA
Toluene	1.0	J	2.0	0.36	ug/L	10		8021B	Total/NA
Ethylbenzene	50		2.0	0.29	ug/L	10		8021B	Total/NA
m,p-Xylene	9.3		4.0	0.54	ug/L	10		8021B	Total/NA
o-Xylene	17		2.0	0.27	ug/L	10		8021B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.45		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: PS-1 — Lab Sample ID: 480-13967-5

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.63		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F2 — Lab Sample ID: 480-13967-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	81		4.0	0.47	ug/L	20		8021B	Total/NA
Toluene	7.3		4.0	0.71	ug/L	20		8021B	Total/NA
Ethylbenzene	420		4.0	0.57	ug/L	20		8021B	Total/NA
m,p-Xylene	420		8.0	1.1	ug/L	20		8021B	Total/NA
o-Xylene	290		4.0	0.54	ug/L	20		8021B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.82		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F3 — Lab Sample ID: 480-13967-7

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.22		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MW-F4 — Lab Sample ID: 480-13967-8

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Client Sample ID: MW-F4 (Continued)

Lab Sample ID: 480-13967-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	64		2.0	0.23	ug/L	10		8021B	Total/NA
Toluene	2.1		2.0	0.36	ug/L	10		8021B	Total/NA
Ethylbenzene	84		2.0	0.29	ug/L	10		8021B	Total/NA
m,p-Xylene	16		4.0	0.54	ug/L	10		8021B	Total/NA
o-Xylene	54		2.0	0.27	ug/L	10		8021B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.78		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: TB

Lab Sample ID: 480-13967-9

No Detections

Client Sample ID: B-3

Date Collected: 12/13/11 12:05
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-1
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			12/15/11 14:26	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 14:26	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 14:26	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 14:26	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*77 - 130*		*12/15/11 14:26*	*1*
4-Bromofluorobenzene	*99*		*70 - 125*		*12/15/11 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.52		0.100	0.100	SU			12/14/11 02:28	1

Client Sample ID: B-6

Date Collected: 12/13/11 12:30
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.11	J	0.20	0.023	ug/L			12/15/11 15:05	1
Toluene	0.067	J	0.20	0.036	ug/L			12/15/11 15:05	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 15:05	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 15:05	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*77 - 130*		*12/15/11 15:05*	*1*
4-Bromofluorobenzene	*98*		*70 - 125*		*12/15/11 15:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.83		0.100	0.100	SU			12/14/11 02:15	1

Client Sample ID: B-7

Date Collected: 12/13/11 12:35
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.12	J	0.20	0.023	ug/L			12/15/11 15:45	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 15:45	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 15:45	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 15:45	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*77 - 130*		*12/15/11 15:45*	*1*
4-Bromofluorobenzene	*97*		*70 - 125*		*12/15/11 15:45*	*1*

Client Sample ID: B-7

Date Collected: 12/13/11 12:35
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.89		0.100	0.100	SU			12/14/11 02:58	1

Client Sample ID: B-8

Date Collected: 12/13/11 12:25
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-4

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	100		2.0	0.23	ug/L			12/15/11 16:25	10
Toluene	1.0	J	2.0	0.36	ug/L			12/15/11 16:25	10
Ethylbenzene	50		2.0	0.29	ug/L			12/15/11 16:25	10
m,p-Xylene	9.3		4.0	0.54	ug/L			12/15/11 16:25	10
o-Xylene	17		2.0	0.27	ug/L			12/15/11 16:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*77 - 130*		*12/15/11 16:25*	*10*
4-Bromofluorobenzene	*98*		*70 - 125*		*12/15/11 16:25*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.45		0.100	0.100	SU			12/14/11 02:54	1

Client Sample ID: PS-1

Date Collected: 12/13/11 12:15
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-5

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			12/15/11 17:02	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 17:02	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 17:02	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 17:02	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*77 - 130*		*12/15/11 17:02*	*1*
4-Bromofluorobenzene	*98*		*70 - 125*		*12/15/11 17:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.63		0.100	0.100	SU			12/14/11 03:02	1

Client Sample ID: MW-F2

Date Collected: 12/13/11 12:10
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-6

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	81		4.0	0.47	ug/L			12/15/11 17:39	20

Client Sample ID: MW-F2

Date Collected: 12/13/11 12:10
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.3		4.0	0.71	ug/L			12/15/11 17:39	20
Ethylbenzene	420		4.0	0.57	ug/L			12/15/11 17:39	20
m,p-Xylene	420		8.0	1.1	ug/L			12/15/11 17:39	20
o-Xylene	290		4.0	0.54	ug/L			12/15/11 17:39	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*77 - 130*		*12/15/11 17:39*	*20*
4-Bromofluorobenzene	*98*		*70 - 125*		*12/15/11 17:39*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.82		0.100	0.100	SU			12/14/11 02:19	1

Client Sample ID: MW-F3

Date Collected: 12/13/11 12:20
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-7
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			12/15/11 18:18	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 18:18	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 18:18	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 18:18	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*77 - 130*		*12/15/11 18:18*	*1*
4-Bromofluorobenzene	*96*		*70 - 125*		*12/15/11 18:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.22		0.100	0.100	SU			12/14/11 02:24	1

Client Sample ID: MW-F4

Date Collected: 12/13/11 12:00
Date Received: 12/13/11 14:15

Lab Sample ID: 480-13967-8
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	64		2.0	0.23	ug/L			12/15/11 18:55	10
Toluene	2.1		2.0	0.36	ug/L			12/15/11 18:55	10
Ethylbenzene	84		2.0	0.29	ug/L			12/15/11 18:55	10
m,p-Xylene	16		4.0	0.54	ug/L			12/15/11 18:55	10
o-Xylene	54		2.0	0.27	ug/L			12/15/11 18:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*77 - 130*		*12/15/11 18:55*	*10*
4-Bromofluorobenzene	*96*		*70 - 125*		*12/15/11 18:55*	*10*

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Client Sample ID: MW-F4

Lab Sample ID: 480-13967-8

Date Collected: 12/13/11 12:00

Matrix: Water

Date Received: 12/13/11 14:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.78		0.100	0.100	SU			12/14/11 02:51	1

Client Sample ID: TB

Lab Sample ID: 480-13967-9

Date Collected: 12/13/11 00:00

Matrix: Water

Date Received: 12/13/11 14:15

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			12/15/11 19:33	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 19:33	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 19:33	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 19:33	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*77 - 130*		*12/15/11 19:33*	*1*
4-Bromofluorobenzene	*95*		*70 - 125*		*12/15/11 19:33*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
		TFT1	BFB1										
Lab Sample ID	Client Sample ID	(77-130)	(70-125)										
480-13967-1	B-3	101	99										
480-13967-2	B-6	99	98										
480-13967-3	B-7	99	97										
480-13967-4	B-8	99	98										
480-13967-5	PS-1	99	98										
480-13967-6	MW-F2	99	98										
480-13967-7	MW-F3	97	96										
480-13967-8	MW-F4	97	96										
480-13967-9	TB	96	95										
LCS 480-44555/6	Lab Control Sample	104	103										
LCSD 480-44555/7	Lab Control Sample Dup	101	103										
MB 480-44555/5	Method Blank	103	103										

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

BFB = 4-Bromofluorobenzene

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 480-44555/5
Matrix: Water
Analysis Batch: 44555

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			12/15/11 10:12	1
Toluene	ND		0.20	0.036	ug/L			12/15/11 10:12	1
Ethylbenzene	ND		0.20	0.029	ug/L			12/15/11 10:12	1
m,p-Xylene	ND		0.40	0.054	ug/L			12/15/11 10:12	1
o-Xylene	ND		0.20	0.027	ug/L			12/15/11 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*77 - 130*		*12/15/11 10:12*	*1*
4-Bromofluorobenzene	*103*		*70 - 125*		*12/15/11 10:12*	*1*

Lab Sample ID: LCS 480-44555/6
Matrix: Water
Analysis Batch: 44555

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	4.05		ug/L		101	77 - 120		
Toluene			4.00	4.05		ug/L		101	78 - 120		
Ethylbenzene			4.00	4.15		ug/L		104	79 - 120		
m,p-Xylene			8.00	8.49		ug/L		106	26 - 150		
o-Xylene			4.00	4.09		ug/L		102	77 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*104*		*77 - 130*
4-Bromofluorobenzene	*103*		*70 - 125*

Lab Sample ID: LCSD 480-44555/7
Matrix: Water
Analysis Batch: 44555

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			4.00	3.97		ug/L		99	77 - 120	2	30
Toluene			4.00	3.97		ug/L		99	78 - 120	2	30
Ethylbenzene			4.00	3.96		ug/L		99	79 - 120	5	30
m,p-Xylene			8.00	8.16		ug/L		102	26 - 150	4	30
o-Xylene			4.00	3.97		ug/L		99	77 - 121	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*77 - 130*
4-Bromofluorobenzene	*103*		*70 - 125*

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

GC VOA

Analysis Batch: 44555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13967-1	B-3	Total/NA	Water	8021B	
480-13967-2	B-6	Total/NA	Water	8021B	
480-13967-3	B-7	Total/NA	Water	8021B	
480-13967-4	B-8	Total/NA	Water	8021B	
480-13967-5	PS-1	Total/NA	Water	8021B	
480-13967-6	MW-F2	Total/NA	Water	8021B	
480-13967-7	MW-F3	Total/NA	Water	8021B	
480-13967-8	MW-F4	Total/NA	Water	8021B	
480-13967-9	TB	Total/NA	Water	8021B	
LCS 480-44555/6	Lab Control Sample	Total/NA	Water	8021B	
LCSD 480-44555/7	Lab Control Sample Dup	Total/NA	Water	8021B	
MB 480-44555/5	Method Blank	Total/NA	Water	8021B	

General Chemistry

Analysis Batch: 44338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13967-1	B-3	Total/NA	Water	9040B	
480-13967-2	B-6	Total/NA	Water	9040B	
480-13967-3	B-7	Total/NA	Water	9040B	
480-13967-4	B-8	Total/NA	Water	9040B	
480-13967-5	PS-1	Total/NA	Water	9040B	
480-13967-6	MW-F2	Total/NA	Water	9040B	
480-13967-7	MW-F3	Total/NA	Water	9040B	
480-13967-8	MW-F4	Total/NA	Water	9040B	
LCS 480-44338/45	Lab Control Sample	Total/NA	Water	9040B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Client Sample ID: B-3

Lab Sample ID: 480-13967-1

Date Collected: 12/13/11 12:05
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 14:26	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:28	KS	TAL BUF

Client Sample ID: B-6

Lab Sample ID: 480-13967-2

Date Collected: 12/13/11 12:30
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 15:05	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:15	KS	TAL BUF

Client Sample ID: B-7

Lab Sample ID: 480-13967-3

Date Collected: 12/13/11 12:35
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 15:45	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:58	KS	TAL BUF

Client Sample ID: B-8

Lab Sample ID: 480-13967-4

Date Collected: 12/13/11 12:25
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		10	44555	12/15/11 16:25	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:54	KS	TAL BUF

Client Sample ID: PS-1

Lab Sample ID: 480-13967-5

Date Collected: 12/13/11 12:15
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 17:02	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 03:02	KS	TAL BUF

Client Sample ID: MW-F2

Lab Sample ID: 480-13967-6

Date Collected: 12/13/11 12:10
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		20	44555	12/15/11 17:39	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:19	KS	TAL BUF

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Client Sample ID: MW-F3

Lab Sample ID: 480-13967-7

Date Collected: 12/13/11 12:20
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 18:18	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:24	KS	TAL BUF

Client Sample ID: MW-F4

Lab Sample ID: 480-13967-8

Date Collected: 12/13/11 12:00
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		10	44555	12/15/11 18:55	DB	TAL BUF
Total/NA	Analysis	9040B		1	44338	12/14/11 02:51	KS	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-13967-9

Date Collected: 12/13/11 00:00
Matrix: Water
Date Received: 12/13/11 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	44555	12/15/11 19:33	DB	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 Semi-annual

TestAmerica Job ID: 480-13967-1

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 Semi-annual

TestAmerica Job ID: 480-13967-1

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: Bristol Myers Squibb Semi-annual

TestAmerica Job ID: 480-13967-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-13967-1	B-3	Water	12/13/11 12:05	12/13/11 14:15
480-13967-2	B-6	Water	12/13/11 12:30	12/13/11 14:15
480-13967-3	B-7	Water	12/13/11 12:35	12/13/11 14:15
480-13967-4	B-8	Water	12/13/11 12:25	12/13/11 14:15
480-13967-5	PS-1	Water	12/13/11 12:15	12/13/11 14:15
480-13967-6	MW-F2	Water	12/13/11 12:10	12/13/11 14:15
480-13967-7	MW-F3	Water	12/13/11 12:20	12/13/11 14:15
480-13967-8	MW-F4	Water	12/13/11 12:00	12/13/11 14:15
480-13967-9	TB	Water	12/13/11 00:00	12/13/11 14:15

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
GES	Jen Siniscalchi	12-13-2011	204555
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
158 Sonwil Drive	1-800-287-7857		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Cheektowaga / NY / 14225	BMiller	D. Giglia	
Project Name and Location (State)	**Carrier/Waybill Number**		
BMS 100 Forest Ave Buffalo NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: BTEX	pH	Special Instructions/ Conditions of Receipt
B-3	12-13-11	1205		X			X			X			3	1	
B-6	12-13-11	1230		X			X			X			3	1	
B-7	12-13-11	1235		X			X			X			3	1	
B-8	12-13-11	1225		X			X			X			3	1	
PS-1	12-13-11	1215		X			X			X			3	1	
MW-F2	12-13-11	1210		X			X			X			3	1	
MW-F-3	12-13-11	1220		X			X			X			3	1	
MW-F-4	12-13-11	1200		X			X			X			3	1	

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

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [redacted]	12-13-11	1415	1. Received By:	12/13/11	1415
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 5.4°

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

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-13967-1

Login Number: 13967

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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

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

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

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

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

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

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

Notes:
µg/L = micrograms per liter
ND = non detect

Appendix B-1

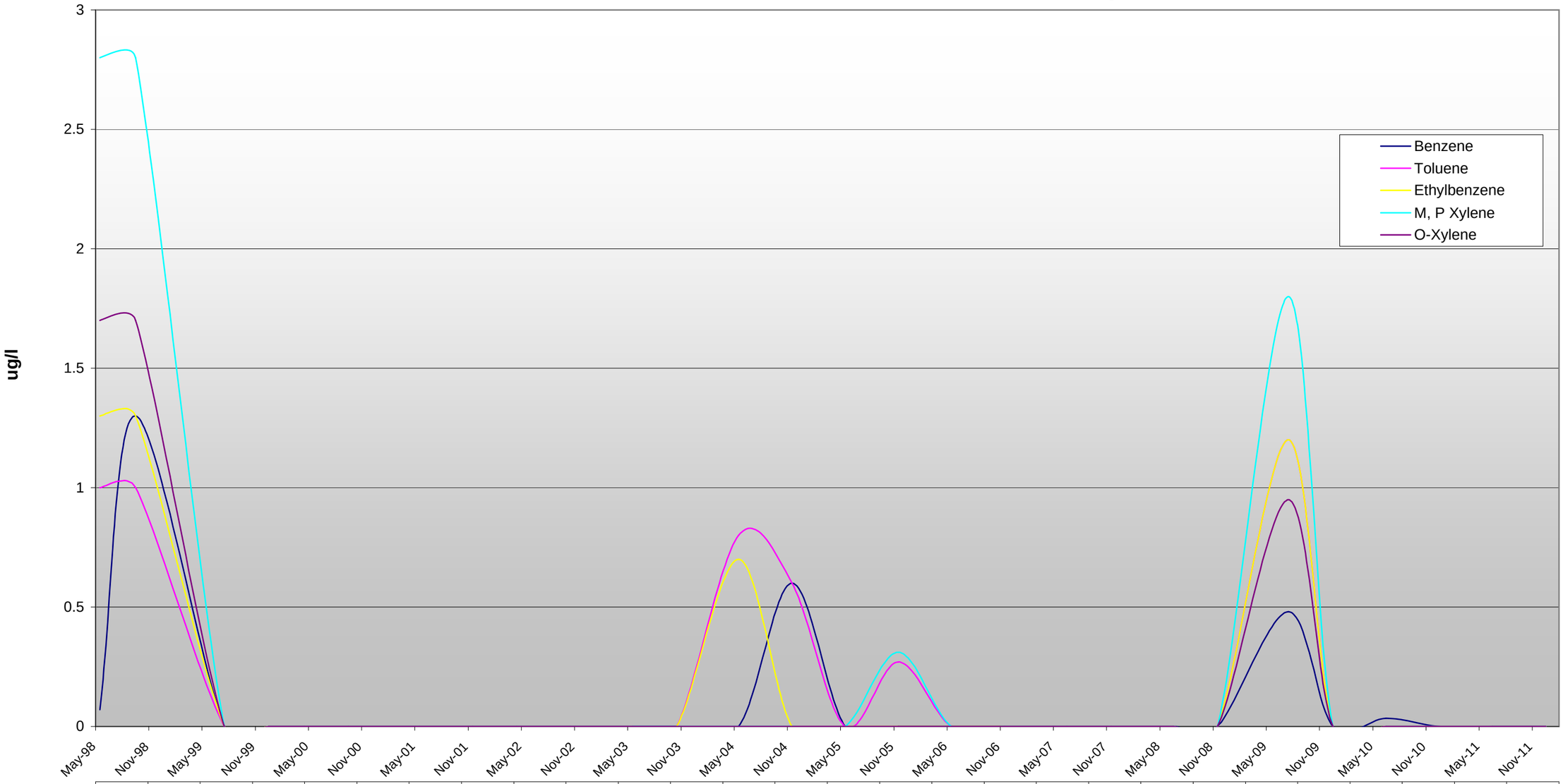
Historical Groundwater Analytical Data

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

Notes:
µg/L = micrograms per liter
ND = non detect

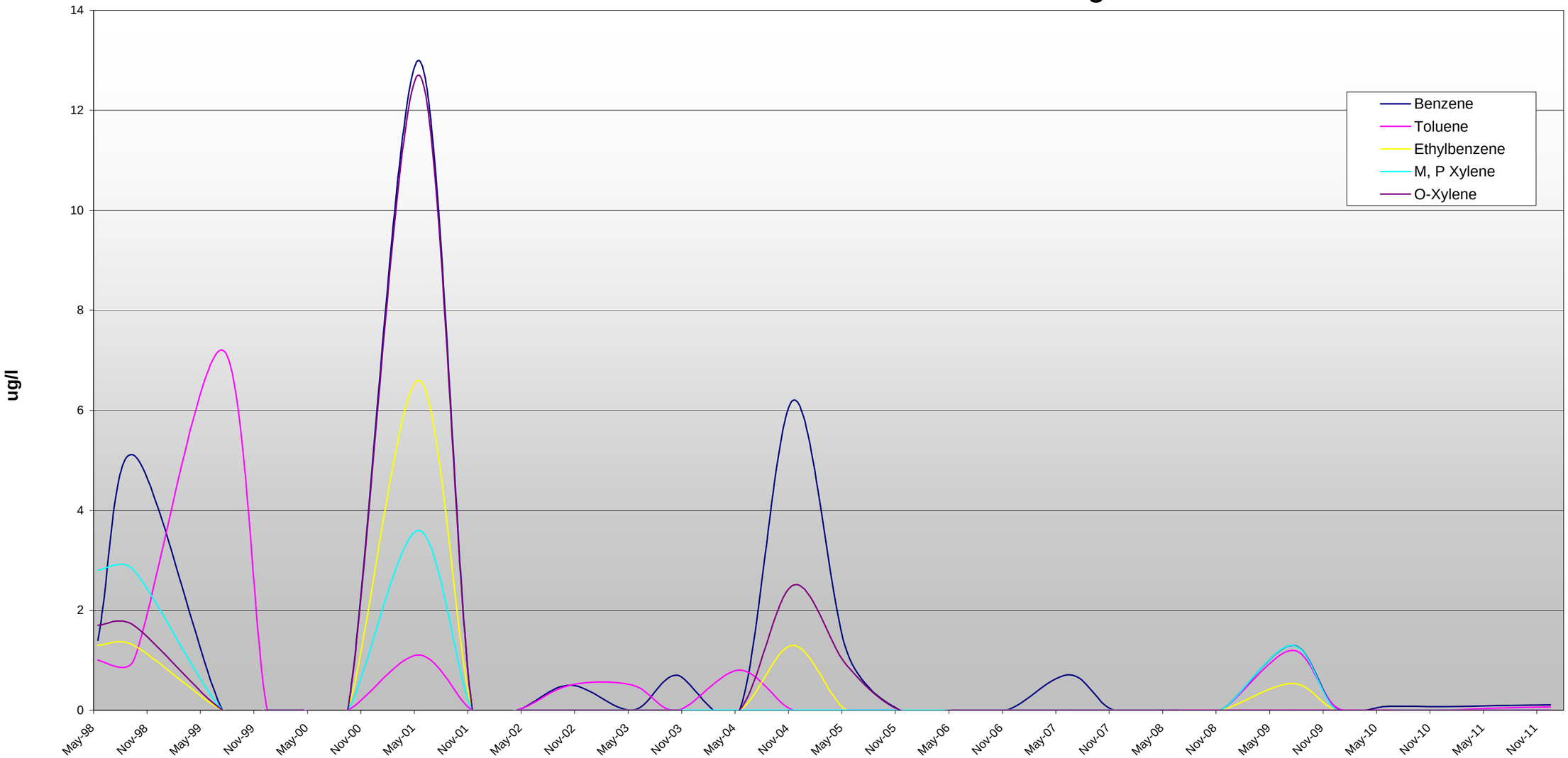
APPENDIX B-2
Historical Contaminant Concentration Trends

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well B-3



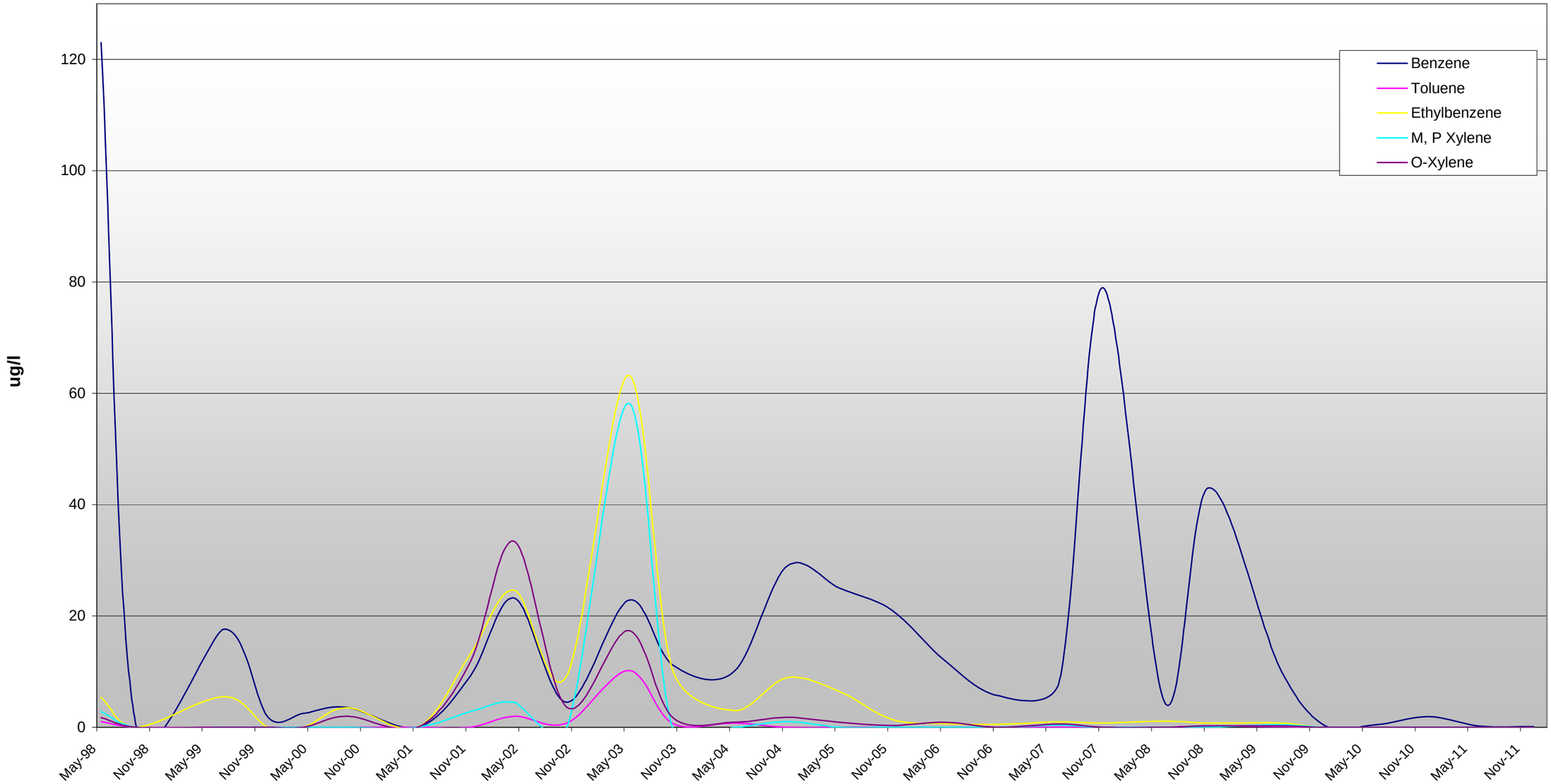
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	0.07	1.3	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0.48	0	0.034	0	0	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0.8	0.6	0	0.27	0	0	0	0	0	0	1.2	0	0	0	0	0
Ethylbenzene	1.3	1.3	0	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0
M, P Xylene	2.8	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.31	0	0	0	0	0	0	1.8	0	0	0	0	0
O-Xylene	1.7	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.95	0	0	0	0	0

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well B-6



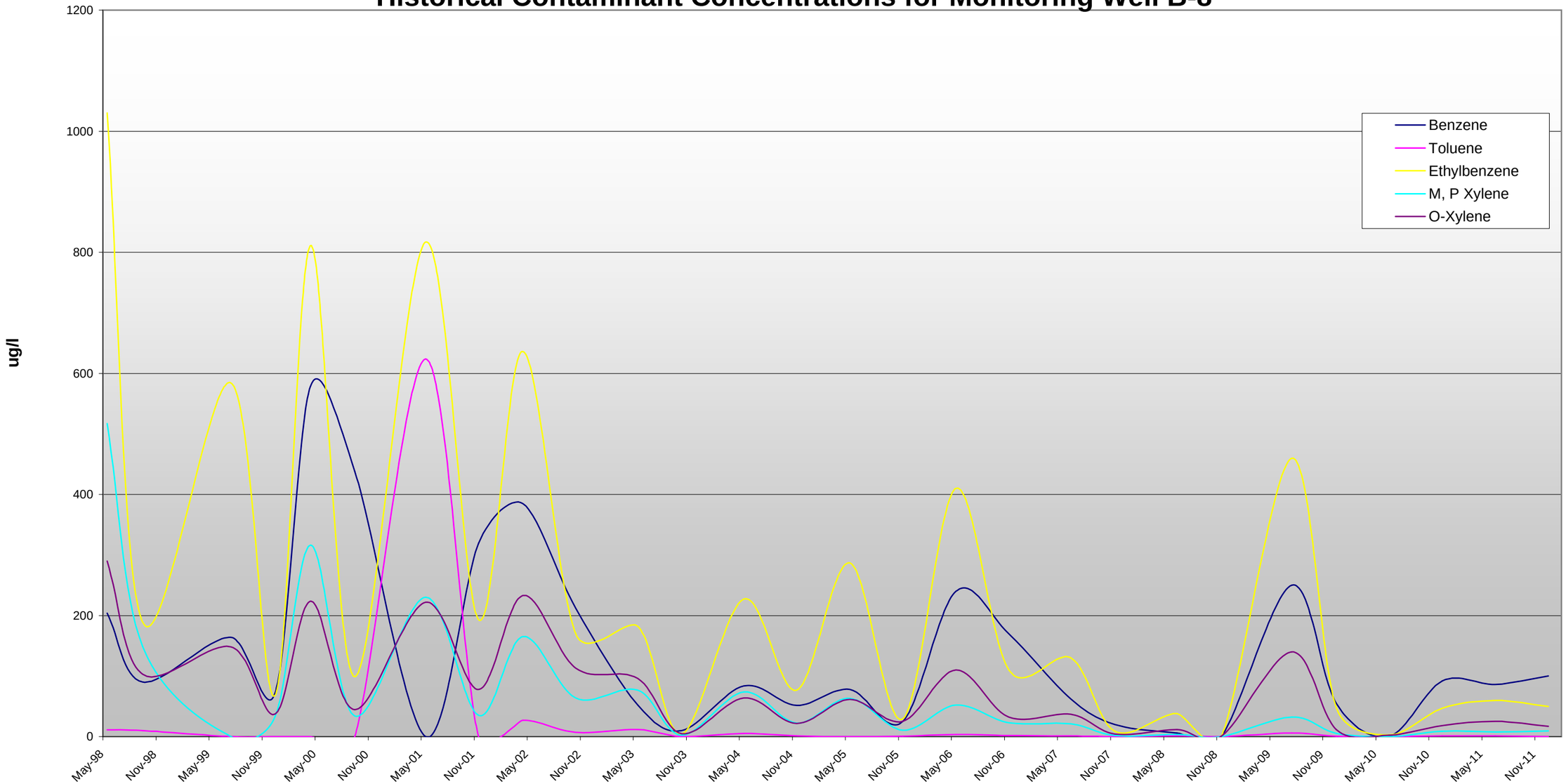
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	1.4	5.1	0	0	0	0	13	0	0	0.5	0	0.7	0	6.2	1.2	0	0	0	0.71	0	0	0	1.3	0.053	0.076	0.075	0.09	0.11
Toluene	1.0	1.0	7.2	0	0	0	1.1	0	0	0.5	0.5	0	0.8	0	0	0	0	0	0	0	0	0	1.2	0.055	0	0	0.044	0.067
Ethylbenzene	1.3	1.3	0	0	0	0	6.6	0	0	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0
M, P Xylene	2.8	2.8	0	0	0	0	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	0
O-Xylene	1.7	1.7	0	0	0	0	12.7	0	0	0	0	0	0	2.5	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0

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



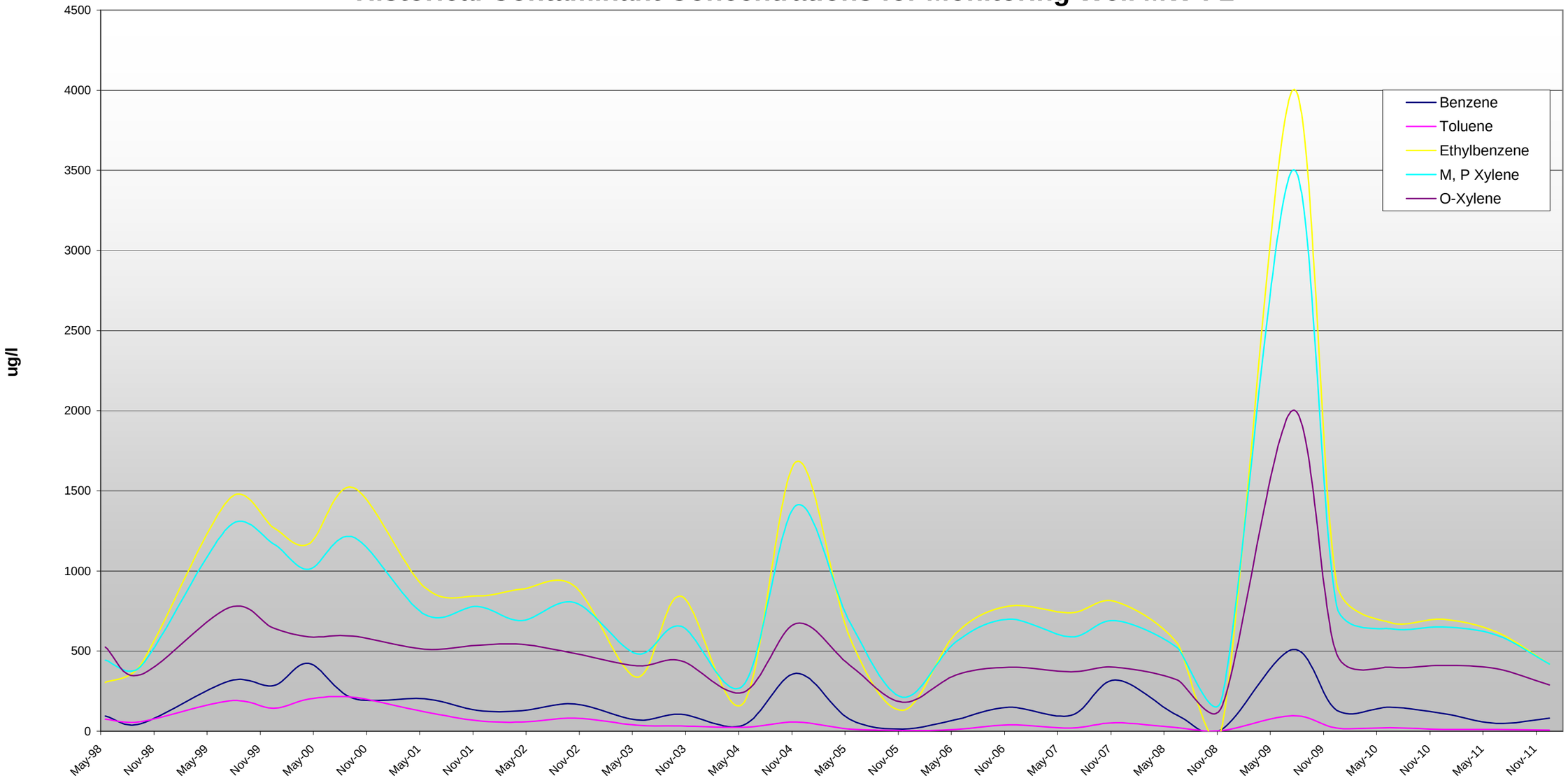
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	123	0	17.6	1.8	2.5	3.6	0	9.2	23.2	4.5	22.8	11.2	10	28.9	25.0	21	12	5.7	8.1	79	4.5	43	11	0.52	0.46	1.9	0.22	0.12
Toluene	1.0	0	0	0	0	0	0	0	2.0	0.8	10.2	0.7	0.8	0	0	0	0	0	0	0	0	0.22	0.15	0	0	0	0	0
Ethylbenzene	5.4	0	5.5	0	0	3.5	0	13.2	24.6	9.3	63.2	10.4	3.0	8.9	6.4	1.4	0.67	0.54	0.99	0.8	1.1	0.74	0.78	0	0	0	0	0
M, P Xylene	2.8	0	0	0	0	0	0	2.8	4.5	0	58.2	0	0	1.0	0	0	0	0	0.36	0	0	0	0.43	0	0	0	0	0
O-Xylene	1.7	0	0	0	0	2.0	0	11.8	33.4	3.6	17.4	1.8	0.9	1.8	0.9	0.3	0.91	0	0.60	0	0	0.27	0.23	0	0	0	0	0

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



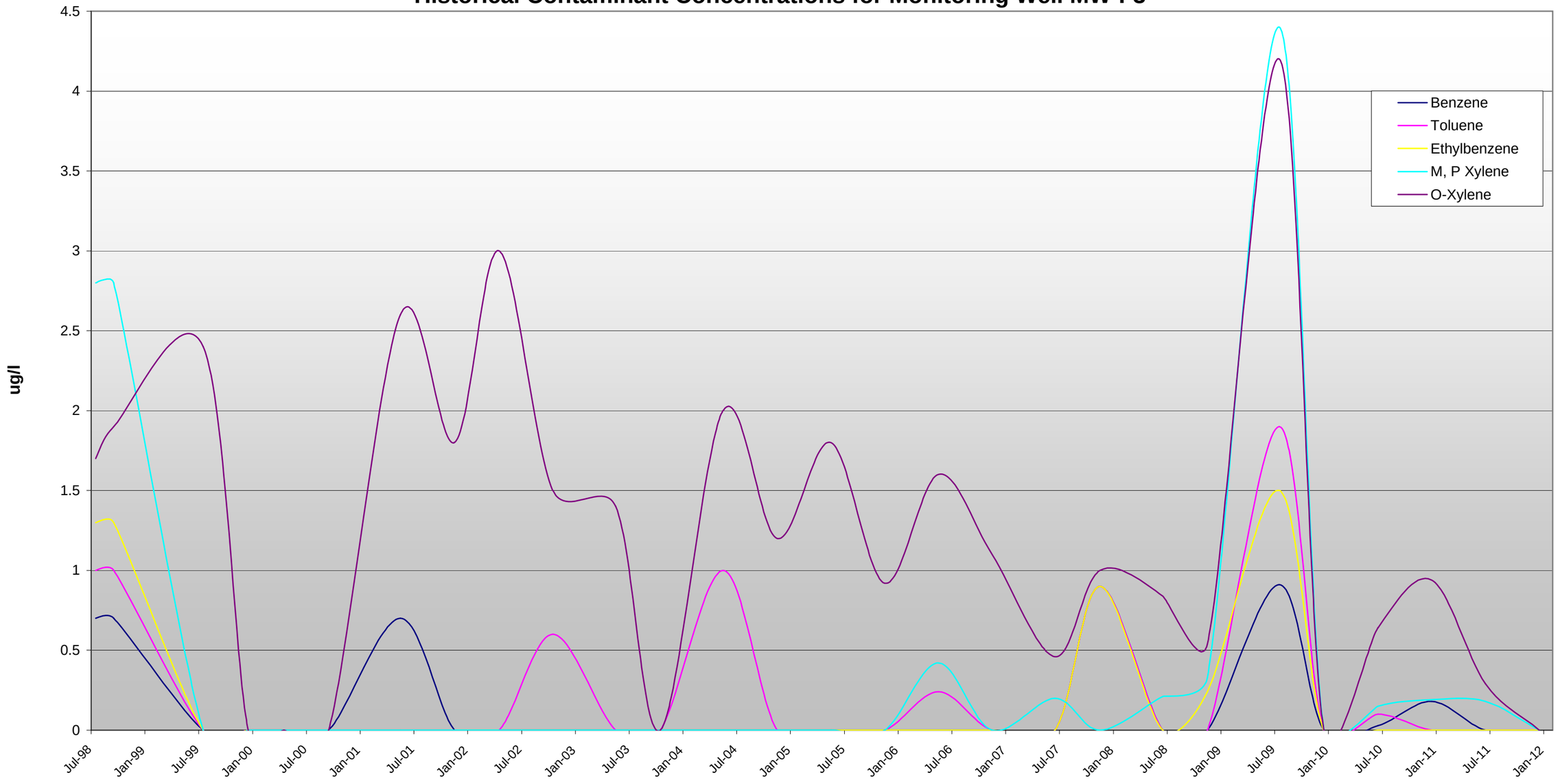
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	204	90	164	73.4	580	438	0	319	385	212	52.2	10.1	84	51.6	77.7	25	240	170	62	20	5.6	0.79	250	55	0.49	92	86	100
Toluene	11	10	0	0	0	0	624	0	26.8	6.9	12.0	0	5.0	1.0	0	0.54	3.5	1.7	1.1	0.0	1.0	0	5.6	0.81	0	1.3	1.3	0
Ethylbenzene	1030	189	584	68.7	811	99	817	193	636	170	182	4.7	227	77	287	29	410	110	130	9.0	38	0.41	460	48	2.9	47	60	50
M, P Xylene	517	149	0	33.7	316	34.2	230	35.2	165	63.8	76.6	2.1	74	22.1	63.2	10.4	51.9	23	21	2.0	3.8	0.22	32	5.4	0.17	8.8	7.6	9.3
O-Xylene	290	103	148	37.4	224	44.4	222	78	233	113	96.2	4.7	64	21.5	61.7	25	110	32	37	4.0	12	0.30	140	12	2.2	18	25	17

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well MW-F2



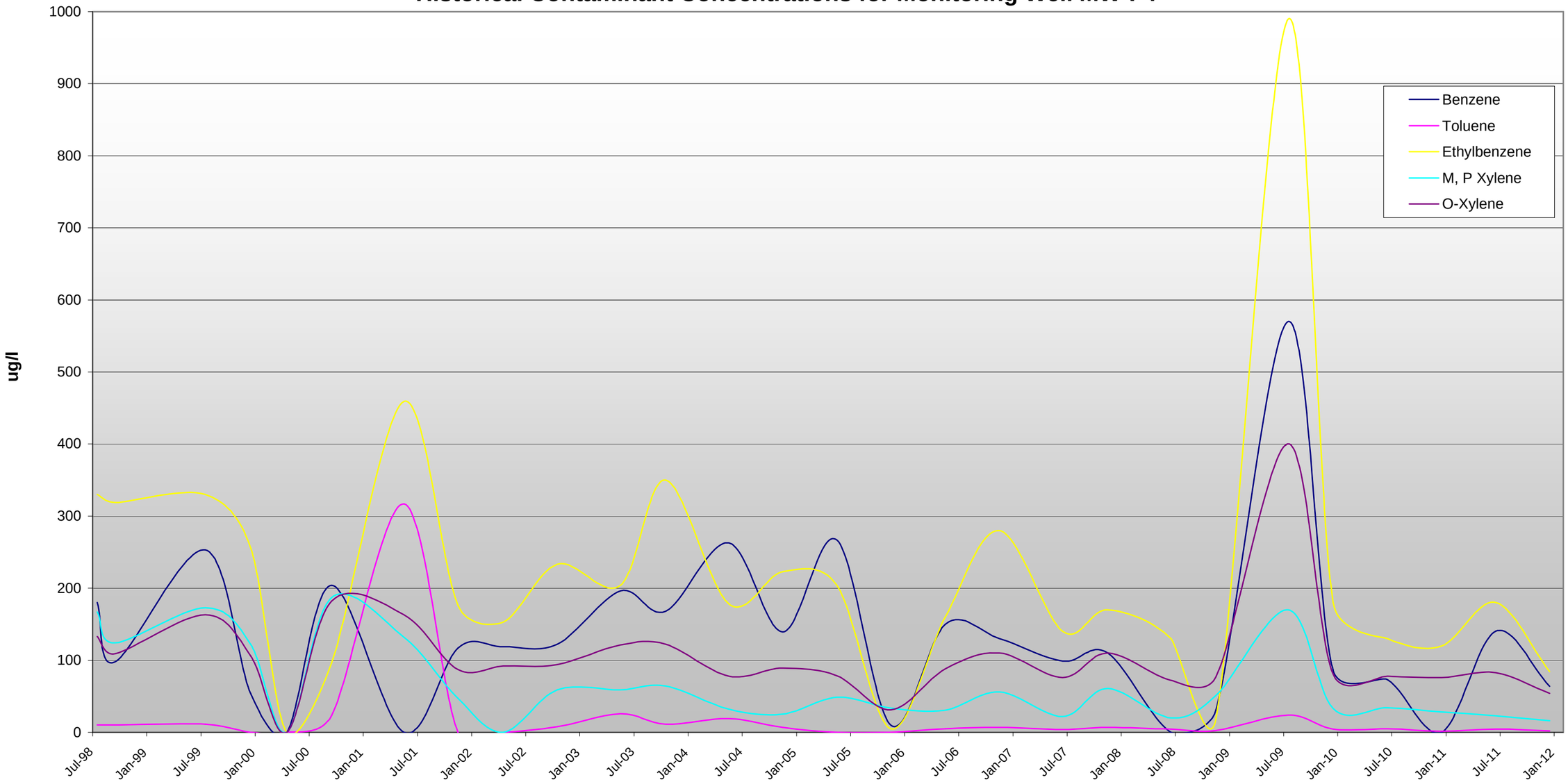
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	95	47	314	285	423	205	203	131	127	169	70	106	38	361	75.8	14	72	150	99	320	100	12	510	130	150	110	49	81
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
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
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
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

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



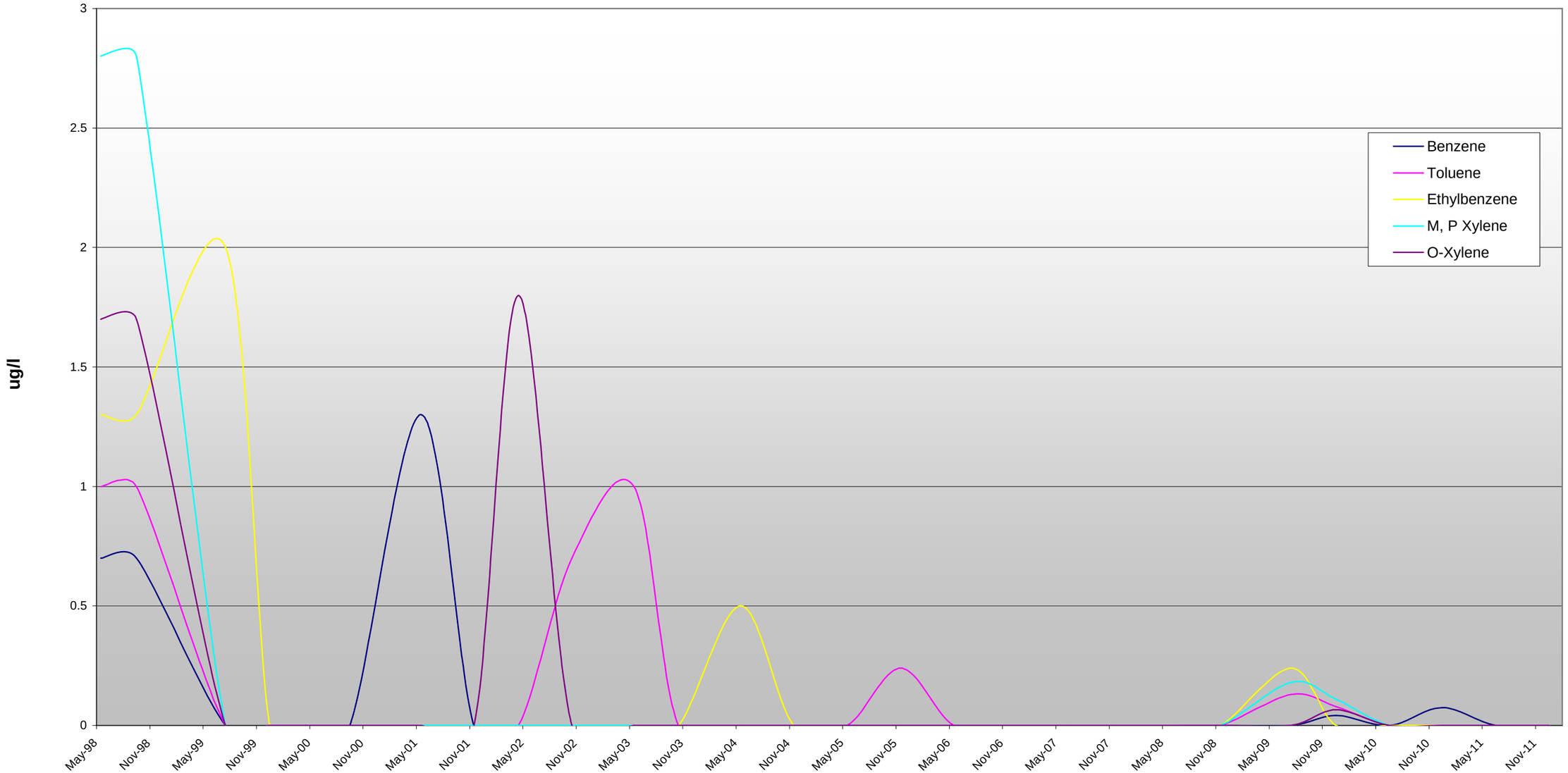
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	0.7	0.7	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0	0	0.91	0	0.028	0.18	0	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.6	0	0	1.0	0	0	0	0.24	0	0	0.9	0	0	1.9	0	0.099	0	0	0
Ethylbenzene	1.3	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0	0.24	1.5	0	0	0	0	0
M, P Xylene	2.8	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.42	0	0.20	0.0	0.21	0.33	4.4	0	0.15	0.19	0.18	0
O-Xylene	1.7	1.9	2.4	0	0	0	2.6	1.8	3.0	1.5	1.4	0	2.0	1.2	1.8	0.92	1.6	1.1	0.46	1.0	0.84	0.54	4.2	0	0.64	0.94	0.29	0

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



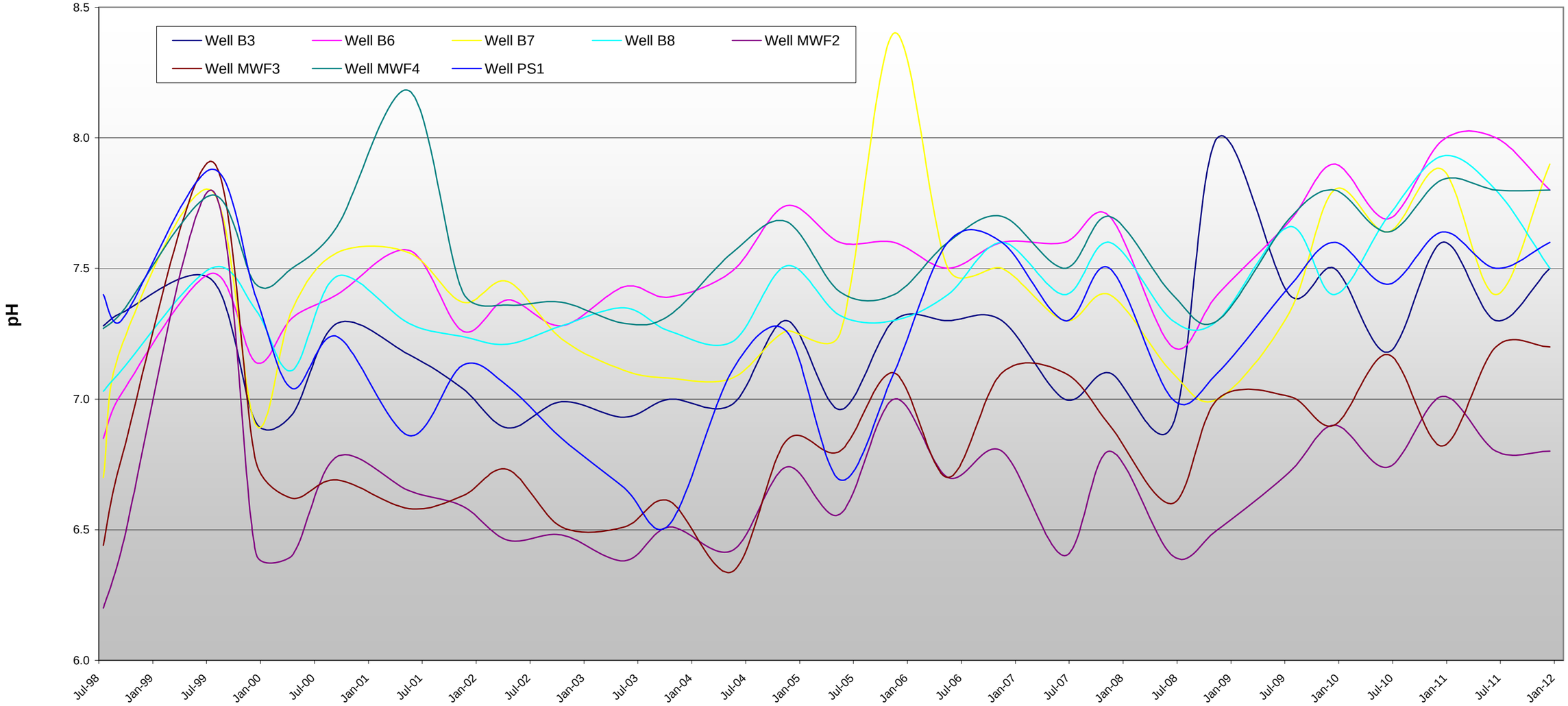
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11	Dec-11
Benzene	180	98	253	54	0	204	0	117	119	122	196	168	263	139	267	9.8	150	130	99	110	0	31	570	86	73	0	140	64
Toluene	10	10	11.1	0	0	23.2	317	0	0	7.9	25.8	11	19	6.6	0	0	5.1	6.6	4.0	7.0	4.5	2.2	24	4.2	4.7	1.5	4.2	2.1
Ethylbenzene	330	319	330	256	0	96.5	459	176	153	233	204	350	178	223	204	4.9	160	280	140	170	130	19	990	180	130	120	180	84
M, P Xylene	167	124	173	122	0	187	132	47.4	0	59	59	64.4	32	25.4	48.5	33.8	30.9	56	22	61	20	51	170	33	34	28	23	16
O-Xylene	133	109	163	106	0	182	163	87.2	92	94	121	122	78	89.1	78.6	31	88	110	76	110	72	77	400	81	78	76	83	54

Appendix B-2
Historical Contaminant Concentrations for Monitoring Well PS-1



	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
Benzene	0.7	0.7	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.042	0	0.075	0	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.7	1.0	0	0	0	0	0.24	0	0	0	0	0	0	0.13	0.079	0	0	0	0
Ethylbenzene	1.3	1.3	2.0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0.24	0	0	0	0	0
M, P Xylene	2.8	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.18	0.11	0	0	0	0
O-Xylene	1.7	1.7	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.066	0	0	0	0

Appendix B-2
Historical pH Levels in Sampled Monitoring Wells



	Jul-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
Well B3	7.3	7.3	7.5	6.9	6.9	7.3	7.2	7.0	6.9	7.0	6.9	7.0	7.0	7.3	7.0	7.3	7.3	7.3	7.0	7.1	6.9	8.0	7.4	7.5	7.2	7.6	7.3	7.5
Well B6	6.9	7.0	7.5	7.1	7.3	7.4	7.6	7.3	7.4	7.3	7.4	7.4	7.5	7.7	7.6	7.6	7.5	7.6	7.6	7.7	7.2	7.4	7.7	7.9	7.7	8.0	8	7.8
Well B7	6.7	7.2	7.8	6.9	7.3	7.6	7.6	7.4	7.5	7.2	7.1	7.1	7.1	7.3	7.3	8.4	7.5	7.5	7.3	7.4	7.1	7.0	7.3	7.8	7.6	7.9	7.4	7.9
Well B8	7.0	7.1	7.5	7.3	7.1	7.5	7.3	7.2	7.2	7.3	7.4	7.3	7.2	7.5	7.3	7.3	7.4	7.6	7.4	7.6	7.3	7.3	7.7	7.4	7.7	7.9	7.8	7.5
Well MWF2	6.2	6.4	7.8	6.4	6.4	6.8	6.7	6.6	6.5	6.5	6.4	6.5	6.4	6.7	6.6	7.0	6.7	6.8	6.4	6.8	6.4	6.5	6.7	6.9	6.7	7.0	6.8	6.8
Well MWF3	6.4	6.8	7.9	6.8	6.6	6.7	6.6	6.6	6.7	6.5	6.5	6.6	6.3	6.8	6.8	7.1	6.7	7.1	7.1	6.9	6.6	7.0	7.0	6.9	7.2	6.8	7.2	7.2
Well MWF4	7.3	7.3	7.8	7.4	7.5	7.7	8.2	7.4	7.4	7.4	7.3	7.3	7.6	7.7	7.4	7.4	7.6	7.7	7.5	7.7	7.4	7.3	7.7	7.8	7.6	7.8	7.8	7.8
Well PS1	7.4	7.3	7.9	7.4	7.0	7.2	6.9	7.1	7.1	6.9	6.7	6.5	7.1	7.3	6.7	7.1	7.6	7.6	7.3	7.5	7.0	7.1	7.4	7.6	7.4	7.6	7.5	7.6

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
1/3/2002	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
1/8/2002	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
1/17/2002	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
1/24/2002	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
1/30/2002	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
2/7/2002	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
2/13/2002	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
2/21/2002	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
2/28/2002	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
3/7/2002	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
3/14/2002	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
3/20/2002	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
3/28/2002	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
4/3/2002	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
4/11/2002	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
4/15/2002	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
4/24/2002	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
5/8/2002	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
5/15/2002	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
5/22/2002	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
5/29/2002	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
6/5/2002	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
6/12/2002	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
6/19/2002	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
6/26/2002	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
7/3/2002	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
7/10/2002	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
7/18/2002	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
7/24/2002	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
7/31/2002	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
8/7/2002	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
8/14/2002	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
8/21/2002	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
8/27/2002	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
9/4/2002	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
9/11/2002	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
9/19/2002	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
9/25/2002	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
10/2/2002	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
10/8/2002	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
10/16/2002	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
10/23/2002	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
10/30/2002	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
11/6/2002	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
11/13/2002	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
11/19/2002	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
11/26/2002	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
12/4/2002	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
12/11/2002	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
12/18/2002	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
12/24/2002	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
12/31/2002	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
1/8/2003	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
1/16/2003	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
1/22/2003	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
1/30/2003	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
2/6/2003	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
2/13/2003	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
2/19/2003	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
2/26/2003	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
3/6/2003	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
3/12/2003	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
3/19/2003	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
3/26/2003	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
4/2/2003	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
4/10/2003	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
4/17/2003	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
4/23/2003	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
5/1/2003	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
5/7/2003	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
5/13/2003	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
5/20/2003	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
5/28/2003	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
6/4/2003	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
6/11/2003	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
6/18/2003	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
6/25/2003	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
7/3/2003	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
7/8/2003	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
7/15/2003	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
7/24/2003	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
7/31/2003	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
8/6/2003	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
8/12/2003	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
8/21/2003	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
8/26/2003	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
9/4/2003	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
9/11/2003	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
9/16/2003	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
9/23/2003	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
10/2/2003	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
10/9/2003	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
10/16/2003	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
10/21/2003	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
10/28/2003	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
11/6/2003	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
11/14/2003	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
11/19/2003	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
12/3/2003	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
12/10/2003	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
12/16/2003	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
12/23/2003	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
12/30/2003	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
1/6/2004	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
1/13/2004	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
1/22/2004	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
1/28/2004	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
2/4/2004	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
2/10/2004	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
2/17/2004	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
2/25/2004	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
3/3/2004	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
3/11/2004	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
3/18/2004	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
3/25/2004	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
3/31/2004	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
4/7/2004	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
4/13/2004	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
4/20/2004	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
4/27/2004	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
5/4/2004	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
5/11/2004	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
5/18/2004	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
5/28/2004	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
6/3/2004	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
6/10/2004	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
6/16/2004	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
6/23/2004	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
6/30/2004	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
7/7/2004	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
7/14/2004	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
7/22/2004	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
7/28/2004	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
8/4/2004	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
8/12/2004	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
8/18/2004	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
8/25/2004	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
9/1/2004	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
9/10/2004	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
9/15/2004	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
9/22/2004	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
9/29/2004	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
10/6/2004	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
10/13/2004	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
10/21/2004	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
10/27/2004	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
11/3/2004	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
11/9/2004	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
11/17/2004	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
11/23/2004	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
12/2/2004	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
12/9/2004	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
12/16/2004	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
12/24/2004	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
12/30/2004	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
1/6/2005	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
1/13/2005	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
1/20/2005	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
1/27/2005	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
2/3/2005	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
2/10/2005	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
2/17/2005	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
2/24/2005	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
3/3/2005	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
3/10/2005	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
3/17/2005	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
3/22/2005	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
3/30/2005	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
4/7/2005	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
4/14/2005	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
4/21/2005	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
4/28/2005	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
5/5/2005	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
5/12/2005	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
5/19/2005	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
5/26/2005	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
6/2/2005	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
6/9/2005	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
6/15/2005	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
6/22/2005	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
6/29/2005	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
7/6/2005	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
7/13/2005	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
7/21/2005	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
7/28/2005	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
8/4/2005	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
8/11/2005	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
8/18/2005	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
8/23/2005	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
8/31/2005	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
9/6/2005	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
9/12/2005	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
9/23/2006	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
9/29/2006	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
10/3/2006	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
10/12/2006	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
10/21/2006	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
10/28/2006	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
11/2/2006	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
11/7/2006	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
11/18/2006	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
11/21/2006	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
11/28/2006	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
12/9/2006	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
12/13/2006	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
12/21/2006	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
12/28/2006	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
1/2/2007	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
1/12/2007	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
1/17/2007	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
1/22/2007	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
1/31/2007	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
2/5/2007	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
2/16/2007	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
2/26/2007	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
3/8/2007	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
3/22/2007	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
3/28/2007	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
4/5/2007	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
4/12/2007	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
4/27/2007	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
5/4/2007	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
5/11/2007	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
5/18/2007	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
5/24/2007	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
5/31/2007	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
6/8/2007	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
6/12/2007	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
6/18/2007	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
6/25/2007	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
7/3/2007	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
7/12/2007	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
7/17/2007	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
7/26/2007	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
8/1/2007	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
8/10/2007	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
8/16/2007	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
8/23/2007	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
8/30/2007	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
9/12/2007	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
9/21/2007	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
9/28/2007	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
10/3/2007	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
10/10/2007	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
10/17/2007	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
10/26/2007	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
11/1/2007	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
11/19/2007	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
11/30/2007	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
12/7/2007	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
12/14/2007	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
12/18/2007	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
12/24/2007	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
1/3/2008	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
1/11/2008	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
1/15/2008	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
1/22/2008	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
2/1/2008	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
2/14/2008	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
2/27/2008	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
3/7/2008	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
3/12/2008	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
3/21/2008	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
4/4/2008	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
4/11/2008	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
4/18/2008	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
4/25/2008	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
5/2/2008	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
5/8/2008	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
5/21/2008	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
5/30/2008	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
6/6/2008	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
6/11/2008	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
6/20/2008	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
6/23/2008	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
7/1/2008	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
7/7/2008	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
7/16/2008	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
7/25/2008	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
7/31/2008	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
8/8/2008	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
8/15/2008	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
8/20/2008	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
8/27/2008	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
9/3/2008	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
9/15/2008	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
9/24/2008	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
10/8/2008	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
10/17/2008	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
11/7/2008	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
11/14/2008	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
11/19/2008	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
11/24/2008	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
12/5/2008	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
12/12/2008	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
12/23/2008	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
12/30/2008	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

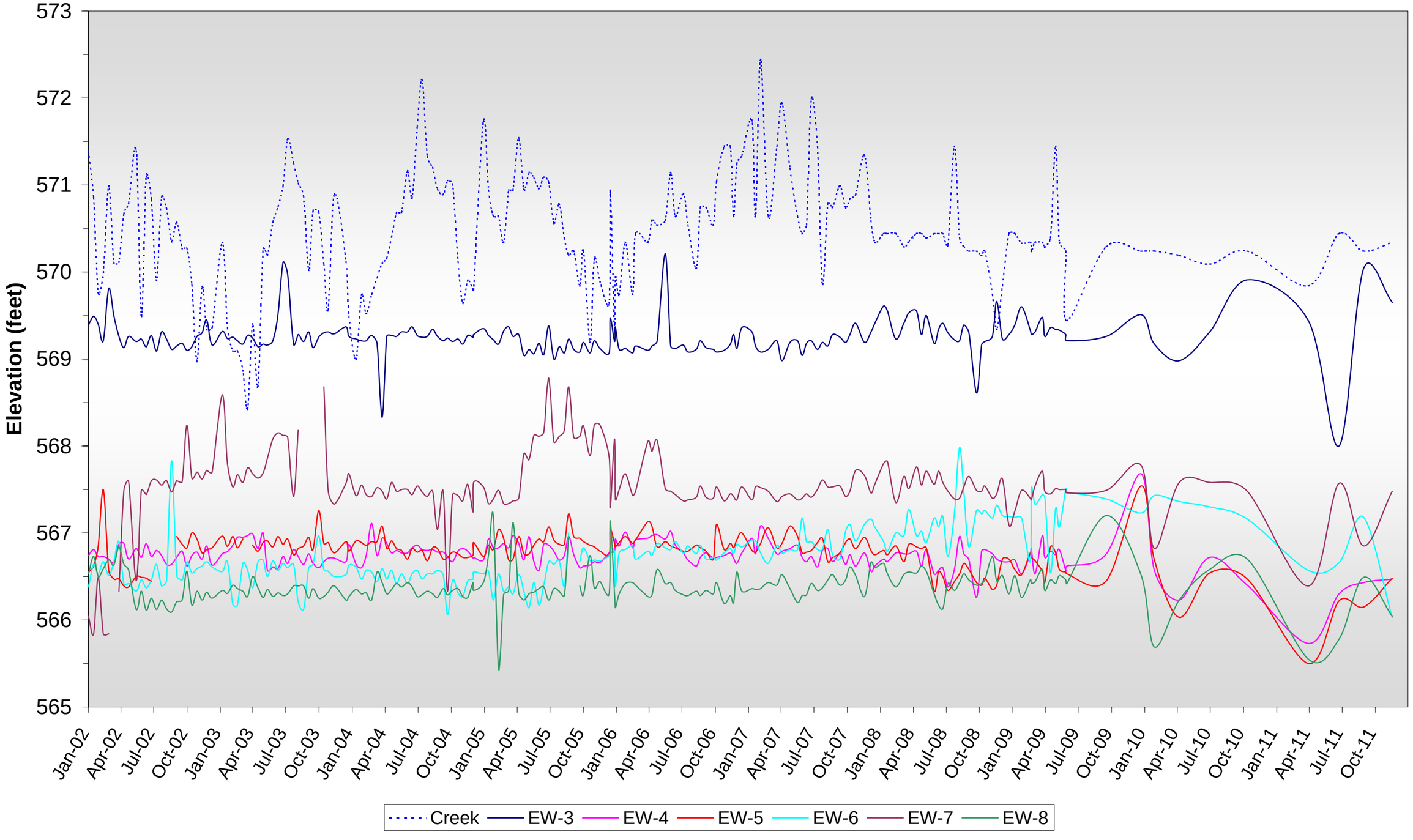
Appendix C-1

Historical Water Table Elevations

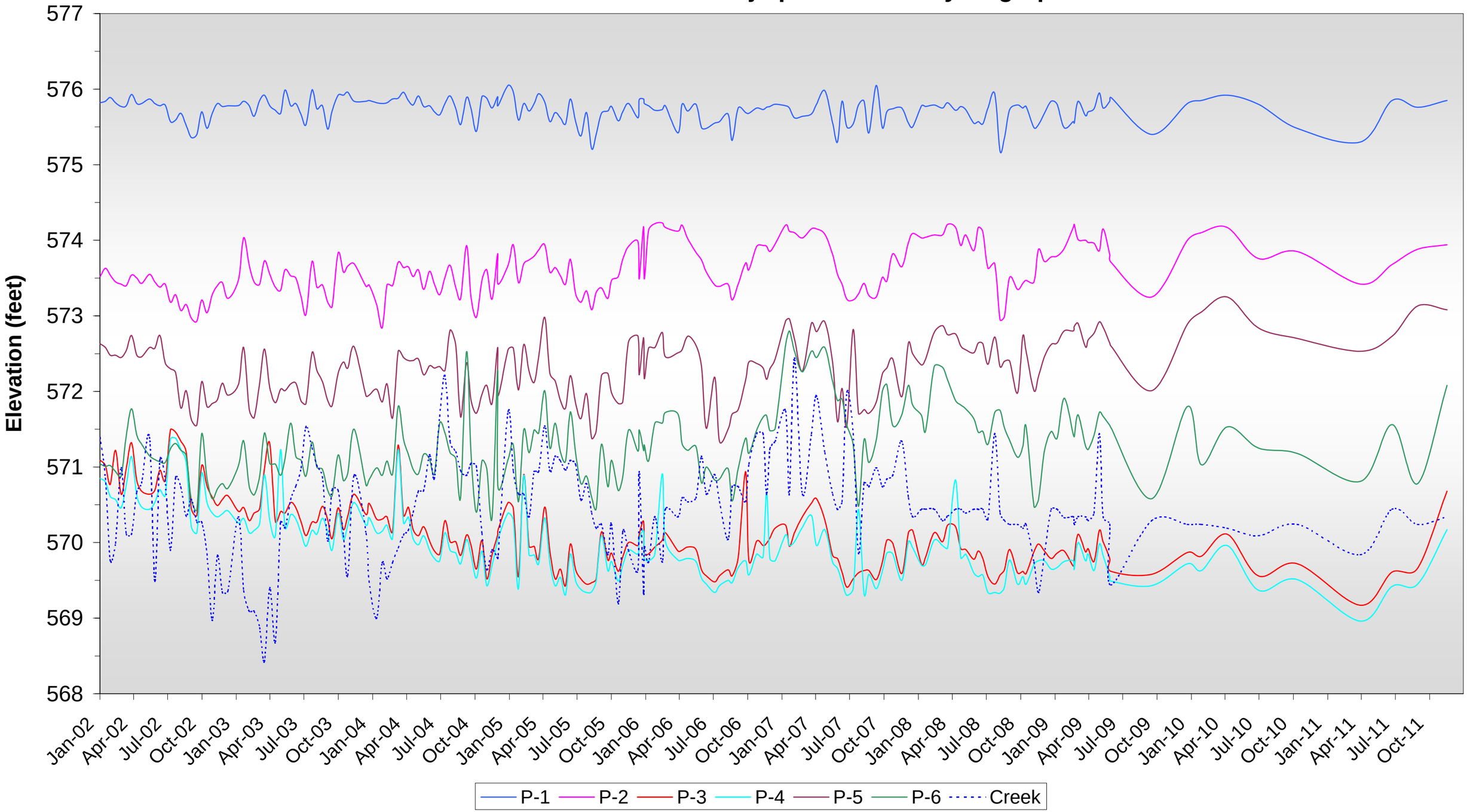
Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/2009	575.80	573.79	569.86	569.67	572.64	571.38	570.44	569.39	566.69	566.58	567.18	567.25	566.51
1/27/2009	575.49	573.89	569.89	569.75	572.80	571.91	570.33	569.60	566.53	566.52	567.17	567.49	566.26
2/20/2009	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
2/23/2009	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
3/5/2009	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
3/18/2009	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
3/25/2009	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
4/1/2009	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
4/10/2009	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
4/17/2009	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
4/23/2009	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
5/1/2009	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
5/6/2009	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
5/11/2009	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
5/21/2009	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
5/29/2009	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
6/1/2009	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
9/18/2009	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
12/23/2009	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
1/29/2010	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
4/8/2010	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
7/1/2010	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
10/13/2010	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
3/31/2011	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
6/24/2011	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
8/31/2011	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
11/18/2011	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

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 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: 480-7957-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Melissa Deyo

Authorized for release by:
08/11/2011 05:15:37 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Qualifiers

GC/MS Semi VOA

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

Metals

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

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.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Job ID: 480-7957-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-7957-1

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 08/02/2011 as requested on the chain-of-custody: 001 (COMP) (480-7957-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: Surrogate recoveries were outside control limits for the following method blank (MB), laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for preparation batch 26233. The associated sample was re-extracted outside of holding time and re-analyzed. Both sets of data have been reported.

Method 625: The relative percent difference (RPD) of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 26649 exceeded control limits for the following analyte: Hexachlorobenzene. Individual recoveries were within quality control acceptance limits; therefore, no corrective action was required.

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: 001 (COMP) (480-7957-1)

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: 001 (COMP) (480-7957-1).

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-7957-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-7957-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Butyl benzyl phthalate	2.4	J	5.2	1.3	ug/L	1		625	Total/NA
Butyl benzyl phthalate - RE	1.3	J H	4.9	1.3	ug/L	1		625	Total/NA
Zinc	0.0079	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.40		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.73	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-7957-6

No Detections

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

TestAmerica Job ID: 480-7957-1

Client Sample ID: 001 (COMP)
Date Collected: 07/29/11 13:30
Date Received: 08/01/11 14:00

Lab Sample ID: 480-7957-1
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			08/03/11 06:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/03/11 06:23	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/03/11 06:23	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/03/11 06:23	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/03/11 06:23	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/03/11 06:23	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/03/11 06:23	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/03/11 06:23	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/03/11 06:23	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/03/11 06:23	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/03/11 06:23	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/03/11 06:23	1
Acrolein	ND		100	17	ug/L			08/03/11 06:23	1
Acrylonitrile	ND		25	1.9	ug/L			08/03/11 06:23	1
Benzene	ND		5.0	0.60	ug/L			08/03/11 06:23	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/03/11 06:23	1
Bromoform	ND		5.0	0.47	ug/L			08/03/11 06:23	1
Bromomethane	ND		5.0	1.2	ug/L			08/03/11 06:23	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/03/11 06:23	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/03/11 06:23	1
Chloroethane	ND		5.0	0.87	ug/L			08/03/11 06:23	1
Chloroform	ND		5.0	0.54	ug/L			08/03/11 06:23	1
Chloromethane	ND		5.0	0.64	ug/L			08/03/11 06:23	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/03/11 06:23	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/03/11 06:23	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			08/03/11 06:23	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/03/11 06:23	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/03/11 06:23	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/03/11 06:23	1
Toluene	ND		5.0	0.45	ug/L			08/03/11 06:23	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/03/11 06:23	1
Trichloroethene	ND		5.0	0.60	ug/L			08/03/11 06:23	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/03/11 06:23	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/03/11 06:23	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*08/03/11 06:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*08/03/11 06:23*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*08/03/11 06:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.51	ug/L		08/04/11 08:13	08/05/11 22:52	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		08/04/11 08:13	08/05/11 22:52	1
1,2-Diphenylhydrazine	ND		10	0.065	ug/L		08/04/11 08:13	08/05/11 22:52	1
1,3-Dichlorobenzene	ND		10	0.071	ug/L		08/04/11 08:13	08/05/11 22:52	1
1,4-Dichlorobenzene	ND		10	0.093	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,2'-Oxybis(1-chloropropane)	ND		5.2	0.089	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,4,6-Trichlorophenol	ND		5.2	0.24	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,4-Dichlorophenol	ND		5.2	0.31	ug/L		08/04/11 08:13	08/05/11 22:52	1

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

TestAmerica Job ID: 480-7957-1

Client Sample ID: 001 (COMP)
Date Collected: 07/29/11 13:30
Date Received: 08/01/11 14:00

Lab Sample ID: 480-7957-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.2	0.14	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,4-Dinitrophenol	ND		10	0.87	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,4-Dinitrotoluene	ND		5.2	0.27	ug/L		08/04/11 08:13	08/05/11 22:52	1
2,6-Dinitrotoluene	ND		5.2	0.74	ug/L		08/04/11 08:13	08/05/11 22:52	1
2-Chloronaphthalene	ND		5.2	0.070	ug/L		08/04/11 08:13	08/05/11 22:52	1
2-Chlorophenol	ND		5.2	0.16	ug/L		08/04/11 08:13	08/05/11 22:52	1
2-Nitrophenol	ND		5.2	0.15	ug/L		08/04/11 08:13	08/05/11 22:52	1
3,3'-Dichlorobenzidine	ND		5.2	0.85	ug/L		08/04/11 08:13	08/05/11 22:52	1
4,6-Dinitro-2-methylphenol	ND		10	0.79	ug/L		08/04/11 08:13	08/05/11 22:52	1
4-Bromophenyl phenyl ether	ND		5.2	0.12	ug/L		08/04/11 08:13	08/05/11 22:52	1
4-Chloro-3-methylphenol	ND		5.2	0.58	ug/L		08/04/11 08:13	08/05/11 22:52	1
4-Chlorophenyl phenyl ether	ND		5.2	0.22	ug/L		08/04/11 08:13	08/05/11 22:52	1
4-Nitrophenol	ND		10	1.4	ug/L		08/04/11 08:13	08/05/11 22:52	1
Acenaphthene	ND		5.2	0.062	ug/L		08/04/11 08:13	08/05/11 22:52	1
Acenaphthylene	ND		5.2	0.035	ug/L		08/04/11 08:13	08/05/11 22:52	1
Anthracene	ND		5.2	0.054	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzidine	ND		83	2.6	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzo[a]anthracene	ND		5.2	0.045	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzo[a]pyrene	ND		5.2	0.060	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzo[b]fluoranthene	ND		5.2	0.064	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzo[g,h,i]perylene	ND		5.2	0.10	ug/L		08/04/11 08:13	08/05/11 22:52	1
Benzo[k]fluoranthene	ND		5.2	0.043	ug/L		08/04/11 08:13	08/05/11 22:52	1
Bis(2-chloroethoxy)methane	ND		5.2	0.088	ug/L		08/04/11 08:13	08/05/11 22:52	1
Bis(2-chloroethyl)ether	ND		5.2	1.1	ug/L		08/04/11 08:13	08/05/11 22:52	1
Bis(2-ethylhexyl) phthalate	ND		10	0.89	ug/L		08/04/11 08:13	08/05/11 22:52	1
Butyl benzyl phthalate	**2.4**	**J**	5.2	1.3	ug/L		08/04/11 08:13	08/05/11 22:52	1
Chrysene	ND		5.2	0.037	ug/L		08/04/11 08:13	08/05/11 22:52	1
Decane	ND		10	1.6	ug/L		08/04/11 08:13	08/05/11 22:52	1
Dibenz(a,h)anthracene	ND		5.2	0.057	ug/L		08/04/11 08:13	08/05/11 22:52	1
Diethyl phthalate	ND	*	5.2	0.18	ug/L		08/04/11 08:13	08/05/11 22:52	1
Dimethyl phthalate	ND	*	5.2	0.17	ug/L		08/04/11 08:13	08/05/11 22:52	1
Di-n-butyl phthalate	ND	*	5.2	0.97	ug/L		08/04/11 08:13	08/05/11 22:52	1
Di-n-octyl phthalate	ND		5.2	4.6	ug/L		08/04/11 08:13	08/05/11 22:52	1
Fluoranthene	ND		5.2	0.11	ug/L		08/04/11 08:13	08/05/11 22:52	1
Fluorene	ND	*	5.2	0.044	ug/L		08/04/11 08:13	08/05/11 22:52	1
Hexachlorobenzene	ND		5.2	0.28	ug/L		08/04/11 08:13	08/05/11 22:52	1
Hexachlorobutadiene	ND		5.2	0.64	ug/L		08/04/11 08:13	08/05/11 22:52	1
Hexachlorocyclopentadiene	ND		5.2	0.47	ug/L		08/04/11 08:13	08/05/11 22:52	1
Hexachloroethane	ND		5.2	0.50	ug/L		08/04/11 08:13	08/05/11 22:52	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.19	ug/L		08/04/11 08:13	08/05/11 22:52	1
Isophorone	ND		5.2	0.16	ug/L		08/04/11 08:13	08/05/11 22:52	1
Naphthalene	ND		5.2	0.083	ug/L		08/04/11 08:13	08/05/11 22:52	1
Nitrobenzene	ND		5.2	0.11	ug/L		08/04/11 08:13	08/05/11 22:52	1
N-Nitrosodimethylamine	ND		10	1.0	ug/L		08/04/11 08:13	08/05/11 22:52	1
N-Nitrosodi-n-propylamine	ND		5.2	0.24	ug/L		08/04/11 08:13	08/05/11 22:52	1
N-Nitrosodiphenylamine	ND	*	5.2	0.41	ug/L		08/04/11 08:13	08/05/11 22:52	1
n-Octadecane	ND		10	0.73	ug/L		08/04/11 08:13	08/05/11 22:52	1
Pentachlorophenol	ND		10	0.43	ug/L		08/04/11 08:13	08/05/11 22:52	1
Phenanthrene	ND	*	5.2	0.074	ug/L		08/04/11 08:13	08/05/11 22:52	1
Phenol	ND		5.2	0.13	ug/L		08/04/11 08:13	08/05/11 22:52	1

Client Sample ID: 001 (COMP)
Date Collected: 07/29/11 13:30
Date Received: 08/01/11 14:00

Lab Sample ID: 480-7957-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND	*	5.2	0.042	ug/L		08/04/11 08:13	08/05/11 22:52	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*129*		*52 - 151*	*08/04/11 08:13*	*08/05/11 22:52*	*1*
2-Fluorobiphenyl	*98*		*44 - 120*	*08/04/11 08:13*	*08/05/11 22:52*	*1*
2-Fluorophenol	*46*		*17 - 120*	*08/04/11 08:13*	*08/05/11 22:52*	*1*
Nitrobenzene-d5	*86*		*42 - 120*	*08/04/11 08:13*	*08/05/11 22:52*	*1*
Phenol-d5	*33*		*10 - 120*	*08/04/11 08:13*	*08/05/11 22:52*	*1*
p-Terphenyl-d14	*73*		*22 - 125*	*08/04/11 08:13*	*08/05/11 22:52*	*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	9.9	0.48	ug/L		08/08/11 13:55	08/09/11 15:37	1
1,2-Dichlorobenzene	ND	H	9.9	0.14	ug/L		08/08/11 13:55	08/09/11 15:37	1
1,2-Diphenylhydrazine	ND	H	9.9	0.062	ug/L		08/08/11 13:55	08/09/11 15:37	1
1,3-Dichlorobenzene	ND	H	9.9	0.068	ug/L		08/08/11 13:55	08/09/11 15:37	1
1,4-Dichlorobenzene	ND	H	9.9	0.088	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,2'-Oxybis(1-chloropropane)	ND	H	4.9	0.085	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,4,6-Trichlorophenol	ND	H	4.9	0.23	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,4-Dichlorophenol	ND	H	4.9	0.30	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,4-Dimethylphenol	ND	H	4.9	0.13	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,4-Dinitrophenol	ND	H	9.9	0.83	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,4-Dinitrotoluene	ND	H	4.9	0.26	ug/L		08/08/11 13:55	08/09/11 15:37	1
2,6-Dinitrotoluene	ND	H	4.9	0.71	ug/L		08/08/11 13:55	08/09/11 15:37	1
2-Chloronaphthalene	ND	H	4.9	0.067	ug/L		08/08/11 13:55	08/09/11 15:37	1
2-Chlorophenol	ND	H	4.9	0.15	ug/L		08/08/11 13:55	08/09/11 15:37	1
2-Nitrophenol	ND	H	4.9	0.14	ug/L		08/08/11 13:55	08/09/11 15:37	1
3,3'-Dichlorobenzidine	ND	H	4.9	0.81	ug/L		08/08/11 13:55	08/09/11 15:37	1
4,6-Dinitro-2-methylphenol	ND	H	9.9	0.75	ug/L		08/08/11 13:55	08/09/11 15:37	1
4-Bromophenyl phenyl ether	ND	H	4.9	0.11	ug/L		08/08/11 13:55	08/09/11 15:37	1
4-Chloro-3-methylphenol	ND	H	4.9	0.55	ug/L		08/08/11 13:55	08/09/11 15:37	1
4-Chlorophenyl phenyl ether	ND	H	4.9	0.21	ug/L		08/08/11 13:55	08/09/11 15:37	1
4-Nitrophenol	ND	H	9.9	1.3	ug/L		08/08/11 13:55	08/09/11 15:37	1
Acenaphthene	ND	H	4.9	0.059	ug/L		08/08/11 13:55	08/09/11 15:37	1
Acenaphthylene	ND	H	4.9	0.033	ug/L		08/08/11 13:55	08/09/11 15:37	1
Anthracene	ND	H	4.9	0.052	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzidine	ND	H	79	2.5	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzo[a]anthracene	ND	H	4.9	0.042	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzo[a]pyrene	ND	H	4.9	0.057	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzo[b]fluoranthene	ND	H	4.9	0.061	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzo[g,h,i]perylene	ND	H	4.9	0.099	ug/L		08/08/11 13:55	08/09/11 15:37	1
Benzo[k]fluoranthene	ND	H	4.9	0.041	ug/L		08/08/11 13:55	08/09/11 15:37	1
Bis(2-chloroethoxy)methane	ND	H	4.9	0.084	ug/L		08/08/11 13:55	08/09/11 15:37	1
Bis(2-chloroethyl)ether	ND	H	4.9	1.1	ug/L		08/08/11 13:55	08/09/11 15:37	1
Bis(2-ethylhexyl) phthalate	ND	H	9.9	0.85	ug/L		08/08/11 13:55	08/09/11 15:37	1
Butyl benzyl phthalate	**1.3**	**J H**	4.9	1.3	ug/L		08/08/11 13:55	08/09/11 15:37	1
Chrysene	ND	H	4.9	0.035	ug/L		08/08/11 13:55	08/09/11 15:37	1
Decane	ND	H	9.9	1.6	ug/L		08/08/11 13:55	08/09/11 15:37	1
Dibenz(a,h)anthracene	ND	H	4.9	0.055	ug/L		08/08/11 13:55	08/09/11 15:37	1
Diethyl phthalate	ND	H	4.9	0.17	ug/L		08/08/11 13:55	08/09/11 15:37	1

Client Sample ID: 001 (COMP)
Date Collected: 07/29/11 13:30
Date Received: 08/01/11 14:00

Lab Sample ID: 480-7957-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND	H	4.9	0.16	ug/L		08/08/11 13:55	08/09/11 15:37	1
Di-n-butyl phthalate	ND	H	4.9	0.92	ug/L		08/08/11 13:55	08/09/11 15:37	1
Di-n-octyl phthalate	ND	H	4.9	4.4	ug/L		08/08/11 13:55	08/09/11 15:37	1
Fluoranthene	ND	H	4.9	0.11	ug/L		08/08/11 13:55	08/09/11 15:37	1
Fluorene	ND	H	4.9	0.042	ug/L		08/08/11 13:55	08/09/11 15:37	1
Hexachlorobenzene	ND	H *	4.9	0.27	ug/L		08/08/11 13:55	08/09/11 15:37	1
Hexachlorobutadiene	ND	H	4.9	0.61	ug/L		08/08/11 13:55	08/09/11 15:37	1
Hexachlorocyclopentadiene	ND	H	4.9	0.45	ug/L		08/08/11 13:55	08/09/11 15:37	1
Hexachloroethane	ND	H	4.9	0.47	ug/L		08/08/11 13:55	08/09/11 15:37	1
Indeno[1,2,3-cd]pyrene	ND	H	4.9	0.18	ug/L		08/08/11 13:55	08/09/11 15:37	1
Isophorone	ND	H	4.9	0.15	ug/L		08/08/11 13:55	08/09/11 15:37	1
Naphthalene	ND	H	4.9	0.079	ug/L		08/08/11 13:55	08/09/11 15:37	1
Nitrobenzene	ND	H	4.9	0.11	ug/L		08/08/11 13:55	08/09/11 15:37	1
N-Nitrosodimethylamine	ND	H	9.9	0.95	ug/L		08/08/11 13:55	08/09/11 15:37	1
N-Nitrosodi-n-propylamine	ND	H	4.9	0.23	ug/L		08/08/11 13:55	08/09/11 15:37	1
N-Nitrosodiphenylamine	ND	H	4.9	0.39	ug/L		08/08/11 13:55	08/09/11 15:37	1
n-Octadecane	ND	H	9.9	0.69	ug/L		08/08/11 13:55	08/09/11 15:37	1
Pentachlorophenol	ND	H	9.9	0.41	ug/L		08/08/11 13:55	08/09/11 15:37	1
Phenanthrene	ND	H	4.9	0.070	ug/L		08/08/11 13:55	08/09/11 15:37	1
Phenol	ND	H	4.9	0.12	ug/L		08/08/11 13:55	08/09/11 15:37	1
Pyrene	ND	H	4.9	0.040	ug/L		08/08/11 13:55	08/09/11 15:37	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 151*	*08/08/11 13:55*	*08/09/11 15:37*	*1*
2-Fluorobiphenyl	*98*		*44 - 120*	*08/08/11 13:55*	*08/09/11 15:37*	*1*
2-Fluorophenol	*38*		*17 - 120*	*08/08/11 13:55*	*08/09/11 15:37*	*1*
Nitrobenzene-d5	*80*		*42 - 120*	*08/08/11 13:55*	*08/09/11 15:37*	*1*
Phenol-d5	*28*		*10 - 120*	*08/08/11 13:55*	*08/09/11 15:37*	*1*
p-Terphenyl-d14	*38*		*22 - 125*	*08/08/11 13:55*	*08/09/11 15:37*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0079**	**J**	0.010	0.0017	mg/L		08/03/11 09:10	08/03/11 15:22	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		08/02/11 13:15	08/02/11 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.40**		0.010	0.0050	mg/L		08/05/11 16:39	08/09/11 17:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.73**	**HF**	0.100	0.100	SU			08/01/11 21:29	1

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

TestAmerica Job ID: 480-7957-1

Client Sample ID: TRIP BLANK
Date Collected: 07/29/11 00:00
Date Received: 08/01/11 14:00

Lab Sample ID: 480-7957-6
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			08/03/11 06:49	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/03/11 06:49	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/03/11 06:49	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/03/11 06:49	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/03/11 06:49	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/03/11 06:49	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/03/11 06:49	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/03/11 06:49	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/03/11 06:49	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/03/11 06:49	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/03/11 06:49	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/03/11 06:49	1
Acrolein	ND		100	17	ug/L			08/03/11 06:49	1
Acrylonitrile	ND		25	1.9	ug/L			08/03/11 06:49	1
Benzene	ND		5.0	0.60	ug/L			08/03/11 06:49	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/03/11 06:49	1
Bromoform	ND		5.0	0.47	ug/L			08/03/11 06:49	1
Bromomethane	ND		5.0	1.2	ug/L			08/03/11 06:49	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/03/11 06:49	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/03/11 06:49	1
Chloroethane	ND		5.0	0.87	ug/L			08/03/11 06:49	1
Chloroform	ND		5.0	0.54	ug/L			08/03/11 06:49	1
Chloromethane	ND		5.0	0.64	ug/L			08/03/11 06:49	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/03/11 06:49	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/03/11 06:49	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			08/03/11 06:49	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/03/11 06:49	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/03/11 06:49	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/03/11 06:49	1
Toluene	ND		5.0	0.45	ug/L			08/03/11 06:49	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/03/11 06:49	1
Trichloroethene	ND		5.0	0.60	ug/L			08/03/11 06:49	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/03/11 06:49	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/03/11 06:49	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*08/03/11 06:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*08/03/11 06:49*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*08/03/11 06:49*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-7957-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	12DCE (72-130)	BFB (69-121)	TOL (70-123)							
480-7957-1	001 (COMP)	105	95	101							
480-7957-6	TRIP BLANK	107	95	100							
LCS 480-26003/6	Lab Control Sample	105	98	105							
MB 480-26003/8	Method Blank	104	96	103							

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**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)				
480-7957-1	001 (COMP)	129	98	46	86	33	73				
480-7957-1 - RE	001 (COMP)	103	98	38	80	28	38				
LCS 480-26233/2-A	Lab Control Sample	136	103	53	89	40	139 X				
LCS 480-26649/2-A	Lab Control Sample	103	92	49	79	34	115				
LCSD 480-26233/3-A	Lab Control Sample Dup	139	116	56	102	43	138 X				
LCSD 480-26649/3-A	Lab Control Sample Dup	100	104	52	94	37	121				
MB 480-26233/1-A	Method Blank	144	123 X	50	101	38	150 X				
MB 480-26649/1-A	Method Blank	109	93	46	83	30	115				

Surrogate Legend

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

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

Lab Sample ID: MB 480-26003/8
Matrix: Water
Analysis Batch: 26003

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			08/02/11 20:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/02/11 20:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/02/11 20:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/02/11 20:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/02/11 20:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/02/11 20:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/02/11 20:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/02/11 20:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/02/11 20:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/02/11 20:19	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/02/11 20:19	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/02/11 20:19	1
Acrolein	ND		100	17	ug/L			08/02/11 20:19	1
Acrylonitrile	ND		25	1.9	ug/L			08/02/11 20:19	1
Benzene	ND		5.0	0.60	ug/L			08/02/11 20:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/02/11 20:19	1
Bromoform	ND		5.0	0.47	ug/L			08/02/11 20:19	1
Bromomethane	ND		5.0	1.2	ug/L			08/02/11 20:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/02/11 20:19	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/02/11 20:19	1
Chloroethane	ND		5.0	0.87	ug/L			08/02/11 20:19	1
Chloroform	ND		5.0	0.54	ug/L			08/02/11 20:19	1
Chloromethane	ND		5.0	0.64	ug/L			08/02/11 20:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/02/11 20:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/02/11 20:19	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			08/02/11 20:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/02/11 20:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/02/11 20:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/02/11 20:19	1
Toluene	ND		5.0	0.45	ug/L			08/02/11 20:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/02/11 20:19	1
Trichloroethene	ND		5.0	0.60	ug/L			08/02/11 20:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/02/11 20:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/02/11 20:19	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*08/02/11 20:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*69 - 121*		*08/02/11 20:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 123*		*08/02/11 20:19*	*1*

Lab Sample ID: LCS 480-26003/6
Matrix: Water
Analysis Batch: 26003

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	22.4		ug/L		112	75 - 125
1,1,2,2-Tetrachloroethane	20.0	22.1		ug/L		111	61 - 140
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	71 - 129
1,1-Dichloroethane	20.0	20.9		ug/L		105	73 - 128

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

Lab Sample ID: LCS 480-26003/6
Matrix: Water
Analysis Batch: 26003

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	19.6		ug/L		98	51 - 150
1,2-Dichlorobenzene	20.0	21.7		ug/L		109	63 - 137
1,2-Dichloroethane	20.0	21.3		ug/L		107	68 - 132
1,2-Dichloropropane	20.0	22.0		ug/L		110	34 - 166
1,3-Dichlorobenzene	20.0	21.7		ug/L		109	73 - 127
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	63 - 137
2-Chloroethyl vinyl ether	100	106		ug/L		106	1 - 224
Benzene	20.0	21.6		ug/L		108	64 - 136
Bromodichloromethane	20.0	21.1		ug/L		106	66 - 135
Bromoform	20.0	21.2		ug/L		106	71 - 129
Bromomethane	20.0	20.7		ug/L		104	14 - 186
Carbon tetrachloride	20.0	21.8		ug/L		109	73 - 127
Chlorobenzene	20.0	21.2		ug/L		106	66 - 134
Chloroethane	20.0	22.7		ug/L		114	38 - 162
Chloroform	20.0	20.7		ug/L		104	68 - 133
Chloromethane	20.0	24.7		ug/L		124	1 - 204
cis-1,3-Dichloropropene	20.0	21.3		ug/L		107	24 - 176
Dibromochloromethane	20.0	21.2		ug/L		106	68 - 133
Ethylbenzene	20.0	21.5		ug/L		108	59 - 141
Methylene Chloride	20.0	18.8		ug/L		94	61 - 140
Tetrachloroethene	20.0	20.9		ug/L		105	74 - 127
Toluene	20.0	21.7		ug/L		109	75 - 126
trans-1,3-Dichloropropene	20.0	21.6		ug/L		108	50 - 150
Trichloroethene	20.0	21.0		ug/L		105	67 - 134
Trichlorofluoromethane	20.0	23.8		ug/L		119	48 - 152
Vinyl chloride	20.0	22.4		ug/L		112	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*
Toluene-d8 (Surr)	*105*		*70 - 123*

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

Lab Sample ID: MB 480-26233/1-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		08/04/11 08:13	08/05/11 19:00	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		08/04/11 08:13	08/05/11 19:00	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		08/04/11 08:13	08/05/11 19:00	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		08/04/11 08:13	08/05/11 19:00	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		08/04/11 08:13	08/05/11 19:00	1

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

Lab Sample ID: MB 480-26233/1-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		08/04/11 08:13	08/05/11 19:00	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		08/04/11 08:13	08/05/11 19:00	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		08/04/11 08:13	08/05/11 19:00	1
2-Chlorophenol	ND		5.0	0.16	ug/L		08/04/11 08:13	08/05/11 19:00	1
2-Nitrophenol	ND		5.0	0.14	ug/L		08/04/11 08:13	08/05/11 19:00	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		08/04/11 08:13	08/05/11 19:00	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		08/04/11 08:13	08/05/11 19:00	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		08/04/11 08:13	08/05/11 19:00	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		08/04/11 08:13	08/05/11 19:00	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		08/04/11 08:13	08/05/11 19:00	1
4-Nitrophenol	ND		10	1.3	ug/L		08/04/11 08:13	08/05/11 19:00	1
Acenaphthene	ND		5.0	0.060	ug/L		08/04/11 08:13	08/05/11 19:00	1
Acenaphthylene	ND		5.0	0.034	ug/L		08/04/11 08:13	08/05/11 19:00	1
Anthracene	ND		5.0	0.052	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzidine	ND		80	2.5	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		08/04/11 08:13	08/05/11 19:00	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		08/04/11 08:13	08/05/11 19:00	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		08/04/11 08:13	08/05/11 19:00	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		08/04/11 08:13	08/05/11 19:00	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		08/04/11 08:13	08/05/11 19:00	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		08/04/11 08:13	08/05/11 19:00	1
Chrysene	ND		5.0	0.036	ug/L		08/04/11 08:13	08/05/11 19:00	1
Decane	ND		10	1.6	ug/L		08/04/11 08:13	08/05/11 19:00	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		08/04/11 08:13	08/05/11 19:00	1
Diethyl phthalate	ND		5.0	0.17	ug/L		08/04/11 08:13	08/05/11 19:00	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		08/04/11 08:13	08/05/11 19:00	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		08/04/11 08:13	08/05/11 19:00	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		08/04/11 08:13	08/05/11 19:00	1
Fluoranthene	ND		5.0	0.11	ug/L		08/04/11 08:13	08/05/11 19:00	1
Fluorene	ND		5.0	0.043	ug/L		08/04/11 08:13	08/05/11 19:00	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		08/04/11 08:13	08/05/11 19:00	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		08/04/11 08:13	08/05/11 19:00	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		08/04/11 08:13	08/05/11 19:00	1
Hexachloroethane	ND		5.0	0.48	ug/L		08/04/11 08:13	08/05/11 19:00	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		08/04/11 08:13	08/05/11 19:00	1
Isophorone	ND		5.0	0.16	ug/L		08/04/11 08:13	08/05/11 19:00	1
Naphthalene	ND		5.0	0.080	ug/L		08/04/11 08:13	08/05/11 19:00	1
Nitrobenzene	ND		5.0	0.11	ug/L		08/04/11 08:13	08/05/11 19:00	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		08/04/11 08:13	08/05/11 19:00	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		08/04/11 08:13	08/05/11 19:00	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		08/04/11 08:13	08/05/11 19:00	1
n-Octadecane	ND		10	0.70	ug/L		08/04/11 08:13	08/05/11 19:00	1
Pentachlorophenol	ND		10	0.41	ug/L		08/04/11 08:13	08/05/11 19:00	1
Phenanthrene	ND		5.0	0.071	ug/L		08/04/11 08:13	08/05/11 19:00	1
Phenol	ND		5.0	0.12	ug/L		08/04/11 08:13	08/05/11 19:00	1
Pyrene	ND		5.0	0.041	ug/L		08/04/11 08:13	08/05/11 19:00	1

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

Lab Sample ID: MB 480-26233/1-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26233

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	144		52 - 151	08/04/11 08:13	08/05/11 19:00	1
2-Fluorobiphenyl	123	X	44 - 120	08/04/11 08:13	08/05/11 19:00	1
2-Fluorophenol	50		17 - 120	08/04/11 08:13	08/05/11 19:00	1
Nitrobenzene-d5	101		42 - 120	08/04/11 08:13	08/05/11 19:00	1
Phenol-d5	38		10 - 120	08/04/11 08:13	08/05/11 19:00	1
p-Terphenyl-d14	150	X	22 - 125	08/04/11 08:13	08/05/11 19:00	1

Lab Sample ID: LCS 480-26233/2-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	67.0		ug/L		67	44 - 142
1,2-Dichlorobenzene	100	54.7		ug/L		55	32 - 129
1,3-Dichlorobenzene	100	51.5		ug/L		52	1 - 172
1,4-Dichlorobenzene	100	52.7		ug/L		53	20 - 124
2,2'-Oxybis(1-chloropropane)	100	73.9		ug/L		74	36 - 166
2,4,6-Trichlorophenol	100	110		ug/L		110	37 - 144
2,4-Dichlorophenol	100	106		ug/L		106	39 - 135
2,4-Dimethylphenol	100	104		ug/L		104	32 - 119
2,4-Dinitrophenol	100	127		ug/L		127	1 - 191
2,4-Dinitrotoluene	100	120		ug/L		120	39 - 139
2,6-Dinitrotoluene	100	128		ug/L		128	50 - 158
2-Chloronaphthalene	100	85.9		ug/L		86	60 - 118
2-Chlorophenol	100	77.9		ug/L		78	23 - 134
2-Nitrophenol	100	98.7		ug/L		99	29 - 182
3,3'-Dichlorobenzidine	100	106		ug/L		106	1 - 262
4,6-Dinitro-2-methylphenol	100	142		ug/L		142	1 - 181
4-Bromophenyl phenyl ether	100	118		ug/L		118	53 - 127
4-Chloro-3-methylphenol	100	116		ug/L		116	22 - 147
4-Chlorophenyl phenyl ether	100	111		ug/L		111	25 - 158
4-Nitrophenol	100	60.5		ug/L		61	1 - 132
Acenaphthene	100	104		ug/L		104	47 - 145
Acenaphthylene	100	107		ug/L		107	33 - 145
Anthracene	100	116		ug/L		116	27 - 133
Benzo[a]anthracene	100	117		ug/L		117	33 - 143
Benzo[a]pyrene	100	116		ug/L		116	17 - 163
Benzo[b]fluoranthene	100	108		ug/L		108	24 - 159
Benzo[g,h,i]perylene	100	114		ug/L		114	1 - 219
Benzo[k]fluoranthene	100	113		ug/L		113	11 - 162
Bis(2-chloroethoxy)methane	100	90.8		ug/L		91	33 - 184
Bis(2-chloroethyl)ether	100	74.9		ug/L		75	12 - 158
Bis(2-ethylhexyl) phthalate	100	117		ug/L		117	8 - 158
Butyl benzyl phthalate	100	117		ug/L		117	1 - 152
Chrysene	100	117		ug/L		117	17 - 168
Dibenz(a,h)anthracene	100	120		ug/L		120	1 - 227
Diethyl phthalate	100	119	*	ug/L		119	1 - 114
Dimethyl phthalate	100	113	*	ug/L		113	1 - 112
Di-n-butyl phthalate	100	119	*	ug/L		119	1 - 118

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

Lab Sample ID: LCS 480-26233/2-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	127		ug/L		127	4 - 146
Fluoranthene	100	116		ug/L		116	26 - 137
Fluorene	100	115		ug/L		115	59 - 121
Hexachlorobenzene	100	110		ug/L		110	1 - 152
Hexachlorocyclopentadiene	100	73.1		ug/L		73	5 - 120
Hexachloroethane	100	47.7		ug/L		48	40 - 113
Indeno[1,2,3-cd]pyrene	100	114		ug/L		114	1 - 171
Isophorone	100	95.0		ug/L		95	21 - 196
Naphthalene	100	73.0		ug/L		73	21 - 133
Nitrobenzene	100	80.4		ug/L		80	35 - 180
N-Nitrosodi-n-propylamine	100	91.8		ug/L		92	1 - 230
N-Nitrosodiphenylamine	100	120		ug/L		120	54 - 125
Pentachlorophenol	100	140		ug/L		140	14 - 176
Phenanthrene	100	114		ug/L		114	54 - 120
Phenol	100	42.6		ug/L		43	5 - 112
Pyrene	100	120	*	ug/L		120	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*136*		*52 - 151*
2-Fluorobiphenyl	*103*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*89*		*42 - 120*
Phenol-d5	*40*		*10 - 120*
p-Terphenyl-d14	*139*	*X*	*22 - 125*

Lab Sample ID: LCSD 480-26233/3-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26233

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	85.7		ug/L		86	44 - 142	24	34
1,2-Dichlorobenzene	100	69.8		ug/L		70	32 - 129	24	38
1,3-Dichlorobenzene	100	67.7		ug/L		68	1 - 172	27	37
1,4-Dichlorobenzene	100	67.9		ug/L		68	20 - 124	25	40
2,2'-Oxybis(1-chloropropane)	100	86.3		ug/L		86	36 - 166	15	36
2,4,6-Trichlorophenol	100	123		ug/L		123	37 - 144	11	20
2,4-Dichlorophenol	100	117		ug/L		117	39 - 135	10	23
2,4-Dimethylphenol	100	113		ug/L		113	32 - 119	8	18
2,4-Dinitrophenol	100	141		ug/L		141	1 - 191	11	29
2,4-Dinitrotoluene	100	130		ug/L		130	39 - 139	8	20
2,6-Dinitrotoluene	100	138		ug/L		138	50 - 158	7	17
2-Chloronaphthalene	100	102		ug/L		102	60 - 118	17	30
2-Chlorophenol	100	87.8		ug/L		88	23 - 134	12	26
2-Nitrophenol	100	113		ug/L		113	29 - 182	14	28
3,3'-Dichlorobenzidine	100	110		ug/L		110	1 - 262	4	31
4,6-Dinitro-2-methylphenol	100	154		ug/L		154	1 - 181	9	30
4-Bromophenyl phenyl ether	100	124		ug/L		124	53 - 127	5	16
4-Chloro-3-methylphenol	100	120		ug/L		120	22 - 147	3	16
4-Chlorophenyl phenyl ether	100	123		ug/L		123	25 - 158	10	15

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

Lab Sample ID: LCSD 480-26233/3-A
Matrix: Water
Analysis Batch: 26460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26233

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	66.7		ug/L		67	1 - 132	10	24
Acenaphthene			100	117		ug/L		117	47 - 145	12	25
Acenaphthylene			100	121		ug/L		121	33 - 145	12	22
Anthracene			100	122		ug/L		122	27 - 133	5	15
Benzo[a]anthracene			100	121		ug/L		121	33 - 143	4	15
Benzo[a]pyrene			100	124		ug/L		124	17 - 163	7	15
Benzo[b]fluoranthene			100	112		ug/L		112	24 - 159	4	17
Benzo[g,h,i]perylene			100	125		ug/L		125	1 - 219	10	19
Benzo[k]fluoranthene			100	123		ug/L		123	11 - 162	8	19
Bis(2-chloroethoxy)methane			100	102		ug/L		102	33 - 184	11	23
Bis(2-chloroethyl)ether			100	85.4		ug/L		85	12 - 158	13	33
Bis(2-ethylhexyl) phthalate			100	122		ug/L		122	8 - 158	5	15
Butyl benzyl phthalate			100	118		ug/L		118	1 - 152	1	15
Chrysene			100	121		ug/L		121	17 - 168	3	15
Dibenz(a,h)anthracene			100	128		ug/L		128	1 - 227	6	18
Diethyl phthalate			100	126	*	ug/L		126	1 - 114	6	15
Dimethyl phthalate			100	123	*	ug/L		123	1 - 112	8	15
Di-n-butyl phthalate			100	124	*	ug/L		124	1 - 118	4	15
Di-n-octyl phthalate			100	132		ug/L		132	4 - 146	3	15
Fluoranthene			100	123		ug/L		123	26 - 137	6	15
Fluorene			100	127	*	ug/L		127	59 - 121	10	18
Hexachlorobenzene			100	117		ug/L		117	1 - 152	6	15
Hexachlorocyclopentadiene			100	93.7		ug/L		94	5 - 120	25	50
Hexachloroethane			100	62.0		ug/L		62	40 - 113	26	43
Indeno[1,2,3-cd]pyrene			100	122		ug/L		122	1 - 171	7	17
Isophorone			100	105		ug/L		105	21 - 196	10	21
Naphthalene			100	89.7		ug/L		90	21 - 133	21	31
Nitrobenzene			100	93.5		ug/L		94	35 - 180	15	27
N-Nitrosodi-n-propylamine			100	102		ug/L		102	1 - 230	10	23
N-Nitrosodiphenylamine			100	126	*	ug/L		126	54 - 125	5	15
Pentachlorophenol			100	149		ug/L		149	14 - 176	6	21
Phenanthrene			100	121	*	ug/L		121	54 - 120	6	16
Phenol			100	45.7		ug/L		46	5 - 112	7	36
Pyrene			100	121	*	ug/L		121	52 - 115	1	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*139*		*52 - 151*
2-Fluorobiphenyl	*116*		*44 - 120*
2-Fluorophenol	*56*		*17 - 120*
Nitrobenzene-d5	*102*		*42 - 120*
Phenol-d5	*43*		*10 - 120*
p-Terphenyl-d14	*138*	*X*	*22 - 125*

Lab Sample ID: MB 480-26649/1-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26649

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		08/08/11 13:55	08/09/11 10:57	1

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

Lab Sample ID: MB 480-26649/1-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26649

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	0.15	ug/L		08/08/11 13:55	08/09/11 10:57	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		08/08/11 13:55	08/09/11 10:57	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		08/08/11 13:55	08/09/11 10:57	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		08/08/11 13:55	08/09/11 10:57	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		08/08/11 13:55	08/09/11 10:57	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		08/08/11 13:55	08/09/11 10:57	1
2-Chlorophenol	ND		5.0	0.16	ug/L		08/08/11 13:55	08/09/11 10:57	1
2-Nitrophenol	ND		5.0	0.14	ug/L		08/08/11 13:55	08/09/11 10:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		08/08/11 13:55	08/09/11 10:57	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		08/08/11 13:55	08/09/11 10:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		08/08/11 13:55	08/09/11 10:57	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		08/08/11 13:55	08/09/11 10:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		08/08/11 13:55	08/09/11 10:57	1
4-Nitrophenol	ND		10	1.3	ug/L		08/08/11 13:55	08/09/11 10:57	1
Acenaphthene	ND		5.0	0.060	ug/L		08/08/11 13:55	08/09/11 10:57	1
Acenaphthylene	ND		5.0	0.034	ug/L		08/08/11 13:55	08/09/11 10:57	1
Anthracene	ND		5.0	0.052	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzidine	ND		80	2.5	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		08/08/11 13:55	08/09/11 10:57	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		08/08/11 13:55	08/09/11 10:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		08/08/11 13:55	08/09/11 10:57	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		08/08/11 13:55	08/09/11 10:57	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		08/08/11 13:55	08/09/11 10:57	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		08/08/11 13:55	08/09/11 10:57	1
Chrysene	ND		5.0	0.036	ug/L		08/08/11 13:55	08/09/11 10:57	1
Decane	ND		10	1.6	ug/L		08/08/11 13:55	08/09/11 10:57	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		08/08/11 13:55	08/09/11 10:57	1
Diethyl phthalate	ND		5.0	0.17	ug/L		08/08/11 13:55	08/09/11 10:57	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		08/08/11 13:55	08/09/11 10:57	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		08/08/11 13:55	08/09/11 10:57	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		08/08/11 13:55	08/09/11 10:57	1
Fluoranthene	ND		5.0	0.11	ug/L		08/08/11 13:55	08/09/11 10:57	1
Fluorene	ND		5.0	0.043	ug/L		08/08/11 13:55	08/09/11 10:57	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		08/08/11 13:55	08/09/11 10:57	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		08/08/11 13:55	08/09/11 10:57	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		08/08/11 13:55	08/09/11 10:57	1
Hexachloroethane	ND		5.0	0.48	ug/L		08/08/11 13:55	08/09/11 10:57	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		08/08/11 13:55	08/09/11 10:57	1
Isophorone	ND		5.0	0.16	ug/L		08/08/11 13:55	08/09/11 10:57	1
Naphthalene	ND		5.0	0.080	ug/L		08/08/11 13:55	08/09/11 10:57	1
Nitrobenzene	ND		5.0	0.11	ug/L		08/08/11 13:55	08/09/11 10:57	1

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

Lab Sample ID: MB 480-26649/1-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26649

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		10	0.96	ug/L		08/08/11 13:55	08/09/11 10:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		08/08/11 13:55	08/09/11 10:57	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		08/08/11 13:55	08/09/11 10:57	1
n-Octadecane	ND		10	0.70	ug/L		08/08/11 13:55	08/09/11 10:57	1
Pentachlorophenol	ND		10	0.41	ug/L		08/08/11 13:55	08/09/11 10:57	1
Phenanthrene	ND		5.0	0.071	ug/L		08/08/11 13:55	08/09/11 10:57	1
Phenol	ND		5.0	0.12	ug/L		08/08/11 13:55	08/09/11 10:57	1
Pyrene	ND		5.0	0.041	ug/L		08/08/11 13:55	08/09/11 10:57	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 151*	*08/08/11 13:55*	*08/09/11 10:57*	*1*
2-Fluorobiphenyl	*93*		*44 - 120*	*08/08/11 13:55*	*08/09/11 10:57*	*1*
2-Fluorophenol	*46*		*17 - 120*	*08/08/11 13:55*	*08/09/11 10:57*	*1*
Nitrobenzene-d5	*83*		*42 - 120*	*08/08/11 13:55*	*08/09/11 10:57*	*1*
Phenol-d5	*30*		*10 - 120*	*08/08/11 13:55*	*08/09/11 10:57*	*1*
p-Terphenyl-d14	*115*		*22 - 125*	*08/08/11 13:55*	*08/09/11 10:57*	*1*

Lab Sample ID: LCS 480-26649/2-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26649

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	53.0		ug/L		53	44 - 142
1,2-Dichlorobenzene	100	51.1		ug/L		51	32 - 129
1,3-Dichlorobenzene	100	47.6		ug/L		48	1 - 172
1,4-Dichlorobenzene	100	47.7		ug/L		48	20 - 124
2,2'-Oxybis(1-chloropropane)	100	68.4		ug/L		68	36 - 166
2,4,6-Trichlorophenol	100	97.3		ug/L		97	37 - 144
2,4-Dichlorophenol	100	89.9		ug/L		90	39 - 135
2,4-Dimethylphenol	100	88.2		ug/L		88	32 - 119
2,4-Dinitrophenol	100	79.0		ug/L		79	1 - 191
2,4-Dinitrotoluene	100	98.9		ug/L		99	39 - 139
2,6-Dinitrotoluene	100	107		ug/L		107	50 - 158
2-Chloronaphthalene	100	69.9		ug/L		70	60 - 118
2-Chlorophenol	100	75.8		ug/L		76	23 - 134
2-Nitrophenol	100	87.9		ug/L		88	29 - 182
3,3'-Dichlorobenzidine	100	77.8		ug/L		78	1 - 262
4,6-Dinitro-2-methylphenol	100	90.5		ug/L		91	1 - 181
4-Bromophenyl phenyl ether	100	89.9		ug/L		90	53 - 127
4-Chloro-3-methylphenol	100	93.9		ug/L		94	22 - 147
4-Chlorophenyl phenyl ether	100	87.8		ug/L		88	25 - 158
4-Nitrophenol	100	58.5		ug/L		59	1 - 132
Acenaphthene	100	83.0		ug/L		83	47 - 145
Acenaphthylene	100	86.3		ug/L		86	33 - 145
Anthracene	100	96.6		ug/L		97	27 - 133
Benzo[a]anthracene	100	95.4		ug/L		95	33 - 143
Benzo[a]pyrene	100	96.7		ug/L		97	17 - 163
Benzo[b]fluoranthene	100	84.0		ug/L		84	24 - 159
Benzo[g,h,i]perylene	100	94.2		ug/L		94	1 - 219

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

Lab Sample ID: LCS 480-26649/2-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26649

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzo[k]fluoranthene	100	98.0		ug/L		98	11 - 162
Bis(2-chloroethoxy)methane	100	79.8		ug/L		80	33 - 184
Bis(2-chloroethyl)ether	100	69.2		ug/L		69	12 - 158
Bis(2-ethylhexyl) phthalate	100	99.6		ug/L		100	8 - 158
Butyl benzyl phthalate	100	100		ug/L		100	1 - 152
Chrysene	100	95.3		ug/L		95	17 - 168
Dibenz(a,h)anthracene	100	102		ug/L		102	1 - 227
Diethyl phthalate	100	99.4		ug/L		99	1 - 114
Dimethyl phthalate	100	97.0		ug/L		97	1 - 112
Di-n-butyl phthalate	100	99.1		ug/L		99	1 - 118
Di-n-octyl phthalate	100	112		ug/L		112	4 - 146
Fluoranthene	100	94.7		ug/L		95	26 - 137
Fluorene	100	91.7		ug/L		92	59 - 121
Hexachlorobenzene	100	88.2		ug/L		88	1 - 152
Hexachlorocyclopentadiene	100	48.9		ug/L		49	5 - 120
Hexachloroethane	100	42.6		ug/L		43	40 - 113
Indeno[1,2,3-cd]pyrene	100	96.4		ug/L		96	1 - 171
Isophorone	100	85.7		ug/L		86	21 - 196
Naphthalene	100	60.4		ug/L		60	21 - 133
Nitrobenzene	100	78.8		ug/L		79	35 - 180
N-Nitrosodi-n-propylamine	100	80.8		ug/L		81	1 - 230
N-Nitrosodiphenylamine	100	93.0		ug/L		93	54 - 125
Pentachlorophenol	100	107		ug/L		107	14 - 176
Phenanthrene	100	92.5		ug/L		93	54 - 120
Phenol	100	38.3		ug/L		38	5 - 112
Pyrene	100	99.6		ug/L		100	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*52 - 151*
2-Fluorobiphenyl	*92*		*44 - 120*
2-Fluorophenol	*49*		*17 - 120*
Nitrobenzene-d5	*79*		*42 - 120*
Phenol-d5	*34*		*10 - 120*
p-Terphenyl-d14	*115*		*22 - 125*

Lab Sample ID: LCSD 480-26649/3-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26649

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	58.3		ug/L		58	44 - 142	10	34
1,2-Dichlorobenzene	100	57.5		ug/L		58	32 - 129	12	38
1,3-Dichlorobenzene	100	53.4		ug/L		53	1 - 172	11	37
1,4-Dichlorobenzene	100	52.5		ug/L		53	20 - 124	10	40
2,2'-Oxybis(1-chloropropane)	100	80.4		ug/L		80	36 - 166	16	36
2,4,6-Trichlorophenol	100	111		ug/L		111	37 - 144	13	20
2,4-Dichlorophenol	100	100		ug/L		100	39 - 135	11	23
2,4-Dimethylphenol	100	100		ug/L		100	32 - 119	13	18
2,4-Dinitrophenol	100	91.9		ug/L		92	1 - 191	15	29

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

Lab Sample ID: LCSD 480-26649/3-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26649

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene			100	108		ug/L		108	39 - 139	9	20
2,6-Dinitrotoluene			100	116		ug/L		116	50 - 158	8	17
2-Chloronaphthalene			100	79.5		ug/L		80	60 - 118	13	30
2-Chlorophenol			100	83.1		ug/L		83	23 - 134	9	26
2-Nitrophenol			100	102		ug/L		102	29 - 182	14	28
3,3'-Dichlorobenzidine			100	85.1		ug/L		85	1 - 262	9	31
4,6-Dinitro-2-methylphenol			100	98.9		ug/L		99	1 - 181	9	30
4-Bromophenyl phenyl ether			100	104		ug/L		104	53 - 127	14	16
4-Chloro-3-methylphenol			100	105		ug/L		105	22 - 147	11	16
4-Chlorophenyl phenyl ether			100	95.5		ug/L		96	25 - 158	8	15
4-Nitrophenol			100	64.3		ug/L		64	1 - 132	9	24
Acenaphthene			100	90.1		ug/L		90	47 - 145	8	25
Acenaphthylene			100	96.2		ug/L		96	33 - 145	11	22
Anthracene			100	108		ug/L		108	27 - 133	11	15
Benzo[a]anthracene			100	104		ug/L		104	33 - 143	9	15
Benzo[a]pyrene			100	108		ug/L		108	17 - 163	11	15
Benzo[b]fluoranthene			100	94.2		ug/L		94	24 - 159	11	17
Benzo[g,h,i]perylene			100	102		ug/L		102	1 - 219	8	19
Benzo[k]fluoranthene			100	92.4		ug/L		92	11 - 162	6	19
Bis(2-chloroethoxy)methane			100	92.1		ug/L		92	33 - 184	14	23
Bis(2-chloroethyl)ether			100	82.0		ug/L		82	12 - 158	17	33
Bis(2-ethylhexyl) phthalate			100	111		ug/L		111	8 - 158	11	15
Butyl benzyl phthalate			100	113		ug/L		113	1 - 152	12	15
Chrysene			100	105		ug/L		105	17 - 168	10	15
Dibenz(a,h)anthracene			100	112		ug/L		112	1 - 227	9	18
Diethyl phthalate			100	106		ug/L		106	1 - 114	7	15
Dimethyl phthalate			100	107		ug/L		107	1 - 112	10	15
Di-n-butyl phthalate			100	110		ug/L		110	1 - 118	11	15
Di-n-octyl phthalate			100	123		ug/L		123	4 - 146	10	15
Fluoranthene			100	106		ug/L		106	26 - 137	12	15
Fluorene			100	101		ug/L		101	59 - 121	10	18
Hexachlorobenzene			100	103	*	ug/L		103	1 - 152	16	15
Hexachlorocyclopentadiene			100	56.7		ug/L		57	5 - 120	15	50
Hexachloroethane			100	47.9		ug/L		48	40 - 113	12	43
Indeno[1,2,3-cd]pyrene			100	106		ug/L		106	1 - 171	9	17
Isophorone			100	98.9		ug/L		99	21 - 196	14	21
Naphthalene			100	68.9		ug/L		69	21 - 133	13	31
Nitrobenzene			100	92.1		ug/L		92	35 - 180	16	27
N-Nitrosodi-n-propylamine			100	96.3		ug/L		96	1 - 230	18	23
N-Nitrosodiphenylamine			100	94.8		ug/L		95	54 - 125	2	15
Pentachlorophenol			100	122		ug/L		122	14 - 176	13	21
Phenanthrene			100	105		ug/L		105	54 - 120	12	16
Phenol			100	42.3		ug/L		42	5 - 112	10	36
Pyrene			100	114		ug/L		114	52 - 115	13	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 151*
2-Fluorobiphenyl	*104*		*44 - 120*
2-Fluorophenol	*52*		*17 - 120*

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

Lab Sample ID: LCSD 480-26649/3-A
Matrix: Water
Analysis Batch: 26689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 26649

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	94		42 - 120
Phenol-d5	37		10 - 120
p-Terphenyl-d14	121		22 - 125

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-26007/1-A
Matrix: Water
Analysis Batch: 26224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		08/03/11 09:10	08/03/11 15:05	1

Lab Sample ID: LCS 480-26007/2-A
Matrix: Water
Analysis Batch: 26224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.205		mg/L		103	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-25928/1-A
Matrix: Water
Analysis Batch: 26105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/02/11 13:15	08/02/11 16:04	1

Lab Sample ID: LCS 480-25928/2-A
Matrix: Water
Analysis Batch: 26105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00667		mg/L		100	85 - 115

Lab Sample ID: 480-7957-1 MS
Matrix: Water
Analysis Batch: 26105

Client Sample ID: 001 (COMP)
Prep Type: Total/NA
Prep Batch: 25928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.00667	0.00643		mg/L		96	70 - 130

Lab Sample ID: 480-7957-1 MSD
Matrix: Water
Analysis Batch: 26105

Client Sample ID: 001 (COMP)
Prep Type: Total/NA
Prep Batch: 25928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00648		mg/L		97	70 - 130	1	20

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

TestAmerica Job ID: 480-7957-1

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-26495/2-A
Matrix: Water
Analysis Batch: 26853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/05/11 16:37	08/09/11 17:16	1

Lab Sample ID: LCS 480-26495/1-A
Matrix: Water
Analysis Batch: 26853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.250		mg/L		100	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-25959/1
Matrix: Water
Analysis Batch: 25959

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	7.030		SU		100	99 - 101

GC/MS VOA

Analysis Batch: 26003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-26003/6	Lab Control Sample	Total/NA	Water	624	
MB 480-26003/8	Method Blank	Total/NA	Water	624	
480-7957-1	001 (COMP)	Total/NA	Water	624	
480-7957-6	TRIP BLANK	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 26233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26233/1-A	Method Blank	Total/NA	Water	625	
LCS 480-26233/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-26233/3-A	Lab Control Sample Dup	Total/NA	Water	625	
480-7957-1	001 (COMP)	Total/NA	Water	625	

Analysis Batch: 26460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26233/1-A	Method Blank	Total/NA	Water	625	26233
LCS 480-26233/2-A	Lab Control Sample	Total/NA	Water	625	26233
LCSD 480-26233/3-A	Lab Control Sample Dup	Total/NA	Water	625	26233
480-7957-1	001 (COMP)	Total/NA	Water	625	26233

Prep Batch: 26649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26649/1-A	Method Blank	Total/NA	Water	625	
LCS 480-26649/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-26649/3-A	Lab Control Sample Dup	Total/NA	Water	625	
480-7957-1 - RE	001 (COMP)	Total/NA	Water	625	

Analysis Batch: 26689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26649/1-A	Method Blank	Total/NA	Water	625	26649
LCS 480-26649/2-A	Lab Control Sample	Total/NA	Water	625	26649
LCSD 480-26649/3-A	Lab Control Sample Dup	Total/NA	Water	625	26649
480-7957-1 - RE	001 (COMP)	Total/NA	Water	625	26649

Metals

Prep Batch: 25928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-25928/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-25928/2-A	Lab Control Sample	Total/NA	Water	245.1	
480-7957-1	001 (COMP)	Total/NA	Water	245.1	
480-7957-1 MS	001 (COMP)	Total/NA	Water	245.1	
480-7957-1 MSD	001 (COMP)	Total/NA	Water	245.1	

Prep Batch: 26007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26007/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-26007/2-A	Lab Control Sample	Total/NA	Water	200.7	
480-7957-1	001 (COMP)	Total/NA	Water	200.7	

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

TestAmerica Job ID: 480-7957-1

Metals (Continued)

Analysis Batch: 26105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-25928/1-A	Method Blank	Total/NA	Water	245.1	25928
LCS 480-25928/2-A	Lab Control Sample	Total/NA	Water	245.1	25928
480-7957-1	001 (COMP)	Total/NA	Water	245.1	25928
480-7957-1 MS	001 (COMP)	Total/NA	Water	245.1	25928
480-7957-1 MSD	001 (COMP)	Total/NA	Water	245.1	25928

Analysis Batch: 26224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-26007/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	26007
LCS 480-26007/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	26007
480-7957-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	26007

General Chemistry

Analysis Batch: 25959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-25959/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
480-7957-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 26495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-26495/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-26495/2-A	Method Blank	Total/NA	Water	Distill/CN	
480-7957-1	001 (COMP)	Total/NA	Water	Distill/CN	

Analysis Batch: 26853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-26495/1-A	Lab Control Sample	Total/NA	Water	335.4	26495
MB 480-26495/2-A	Method Blank	Total/NA	Water	335.4	26495
480-7957-1	001 (COMP)	Total/NA	Water	335.4	26495

Lab Chronicle

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

TestAmerica Job ID: 480-7957-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-7957-1

Date Collected: 07/29/11 13:30

Matrix: Water

Date Received: 08/01/11 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	26003	08/03/11 06:23	JMB	TAL BUF
Total/NA	Prep	625			26233	08/04/11 08:13	TR	TAL BUF
Total/NA	Analysis	625		1	26460	08/05/11 22:52	RMM	TAL BUF
Total/NA	Prep	625	RE		26649	08/08/11 13:55	TR	TAL BUF
Total/NA	Analysis	625	RE	1	26689	08/09/11 15:37	RMM	TAL BUF
Total/NA	Prep	245.1			25928	08/02/11 13:15	MM	TAL BUF
Total/NA	Analysis	245.1		1	26105	08/02/11 17:16	MM	TAL BUF
Total/NA	Prep	200.7			26007	08/03/11 09:10	JM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	26224	08/03/11 15:22	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	25959	08/01/11 21:29	JS	TAL BUF
Total/NA	Prep	Distill/CN			26495	08/05/11 16:39	AP	TAL BUF
Total/NA	Analysis	335.4		1	26853	08/09/11 17:30	JR	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-7957-6

Date Collected: 07/29/11 00:00

Matrix: Water

Date Received: 08/01/11 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	26003	08/03/11 06:49	JMB	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: 480-7957-1

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	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
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	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-7957-1

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: 480-7957-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-7957-1	001 (COMP)	Water	07/29/11 13:30	08/01/11 14:00
480-7957-6	TRIP BLANK	Water	07/29/11 00:00	08/01/11 14:00

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-15250-1280.1
Client Contact: Mr. Brent Miller	Phone: 484-645-7301	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:
Address: 158 Sonwil Drive	Due Date Requested:			
City: Cheektowaga	TAT Requested (days): Stand.			
State, Zip: NY, 14225	PO #: 0901204-15-220			
Phone: 484-325-0280(Tel)	WO #:			
Email: bmiller@gesonline.com	Project #: 48002463			
Project Name: Bristol Myers Squibb Monthly	SSOW#:			
Site:				

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 Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wastewater, Sediment, Drinking Water, Air, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7, 245.1	624, 8260 - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	B	N		
001	7-29-11	0730	G	Water			X	X	X	X	X		Comp. Samples at Lab befor running
001	7-29-11	0930	G	Water			X	X	X	X	X		
001	7-29-11	1130	G	Water			X	X	X	X	X		
001	7-29-11	1530	G	water			X	X	X	X	X		
Trip Blank													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 7-29-11 / 1430	Company: GES	Received by:	Date/Time: 08-01-11 12:00	Company: BFLO
Relinquished by:	Date/Time: 08-01-11 14:00	Company: BFLO	Received by:	Date/Time: 8/1/11 1400	Company: TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-7957-1

Login Number: 7957
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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.	N/A	
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: 480-8931-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Denise L Giglia

Authorized for release by:
09/07/2011 09:30:52 PM

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Definitions/Glossary

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

TestAmerica Job ID: 480-8931-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-8931-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-8931-1

Comments
No additional comments.

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 8/25/11 as requested on the chain-of-custody: 001 (COMP) (480-8931-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The laboratory control sample (LCS) for preparation batch 28953 exceeded control limits for the following analyte: Diethyl phthalate. This analyte was biased high in the LCS and was 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 28953 exceeded control limits for the following analyte: Benzidine. The recoveries were within quality control acceptance limits, therefor no corrective action is required. Data has been reported and qualified.

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: 001 (COMP) (480-8931-1)

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-8931-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-8931-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
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: Groundwater & Environmental Services Inc
Project/Site: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-8931-1

Client Sample ID: 001 (COMP)
Date Collected: 08/23/11 14:00
Date Received: 08/24/11 17:15

Lab Sample ID: 480-8931-1
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			08/25/11 16:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/25/11 16:09	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/25/11 16:09	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/25/11 16:09	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/25/11 16:09	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/25/11 16:09	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/25/11 16:09	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/25/11 16:09	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/25/11 16:09	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/25/11 16:09	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/25/11 16:09	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/25/11 16:09	1
Acrolein	ND		100	17	ug/L			08/25/11 16:09	1
Acrylonitrile	ND		25	1.9	ug/L			08/25/11 16:09	1
Benzene	ND		5.0	0.60	ug/L			08/25/11 16:09	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/25/11 16:09	1
Bromoform	ND		5.0	0.47	ug/L			08/25/11 16:09	1
Bromomethane	ND		5.0	1.2	ug/L			08/25/11 16:09	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/25/11 16:09	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/25/11 16:09	1
Chloroethane	ND		5.0	0.87	ug/L			08/25/11 16:09	1
Chloroform	ND		5.0	0.54	ug/L			08/25/11 16:09	1
Chloromethane	ND		5.0	0.64	ug/L			08/25/11 16:09	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/25/11 16:09	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/25/11 16:09	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			08/25/11 16:09	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/25/11 16:09	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/25/11 16:09	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/25/11 16:09	1
Toluene	ND		5.0	0.45	ug/L			08/25/11 16:09	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/25/11 16:09	1
Trichloroethene	ND		5.0	0.60	ug/L			08/25/11 16:09	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/25/11 16:09	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/25/11 16:09	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 130*		*08/25/11 16:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*08/25/11 16:09*	*1*
Toluene-d8 (Surr)	*103*		*70 - 123*		*08/25/11 16:09*	*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		08/25/11 17:12	08/27/11 16:26	1
1,2-Dichlorobenzene	ND		9.5	0.14	ug/L		08/25/11 17:12	08/27/11 16:26	1
1,2-Diphenylhydrazine	ND		9.5	0.060	ug/L		08/25/11 17:12	08/27/11 16:26	1
1,3-Dichlorobenzene	ND		9.5	0.066	ug/L		08/25/11 17:12	08/27/11 16:26	1
1,4-Dichlorobenzene	ND		9.5	0.085	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,2'-Oxybis(1-chloropropane)	ND		4.8	0.082	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,4,6-Trichlorophenol	ND		4.8	0.22	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,4-Dichlorophenol	ND		4.8	0.29	ug/L		08/25/11 17:12	08/27/11 16:26	1

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

TestAmerica Job ID: 480-8931-1

Client Sample ID: 001 (COMP)
Date Collected: 08/23/11 14:00
Date Received: 08/24/11 17:15

Lab Sample ID: 480-8931-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.8	0.13	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,4-Dinitrophenol	ND		9.5	0.80	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,4-Dinitrotoluene	ND		4.8	0.25	ug/L		08/25/11 17:12	08/27/11 16:26	1
2,6-Dinitrotoluene	ND		4.8	0.68	ug/L		08/25/11 17:12	08/27/11 16:26	1
2-Chloronaphthalene	ND		4.8	0.064	ug/L		08/25/11 17:12	08/27/11 16:26	1
2-Chlorophenol	ND		4.8	0.15	ug/L		08/25/11 17:12	08/27/11 16:26	1
2-Nitrophenol	ND		4.8	0.14	ug/L		08/25/11 17:12	08/27/11 16:26	1
3,3'-Dichlorobenzidine	ND		4.8	0.78	ug/L		08/25/11 17:12	08/27/11 16:26	1
4,6-Dinitro-2-methylphenol	ND		9.5	0.72	ug/L		08/25/11 17:12	08/27/11 16:26	1
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L		08/25/11 17:12	08/27/11 16:26	1
4-Chloro-3-methylphenol	ND		4.8	0.53	ug/L		08/25/11 17:12	08/27/11 16:26	1
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L		08/25/11 17:12	08/27/11 16:26	1
4-Nitrophenol	ND		9.5	1.3	ug/L		08/25/11 17:12	08/27/11 16:26	1
Acenaphthene	ND		4.8	0.057	ug/L		08/25/11 17:12	08/27/11 16:26	1
Acenaphthylene	ND		4.8	0.032	ug/L		08/25/11 17:12	08/27/11 16:26	1
Anthracene	ND		4.8	0.050	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzidine	ND	*	76	2.4	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzo[a]anthracene	ND		4.8	0.041	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzo[a]pyrene	ND		4.8	0.055	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzo[b]fluoranthene	ND		4.8	0.059	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzo[g,h,i]perylene	ND		4.8	0.095	ug/L		08/25/11 17:12	08/27/11 16:26	1
Benzo[k]fluoranthene	ND		4.8	0.040	ug/L		08/25/11 17:12	08/27/11 16:26	1
Bis(2-chloroethoxy)methane	ND		4.8	0.081	ug/L		08/25/11 17:12	08/27/11 16:26	1
Bis(2-chloroethyl)ether	ND		4.8	1.0	ug/L		08/25/11 17:12	08/27/11 16:26	1
Bis(2-ethylhexyl) phthalate	ND		9.5	0.82	ug/L		08/25/11 17:12	08/27/11 16:26	1
Butyl benzyl phthalate	ND		4.8	1.2	ug/L		08/25/11 17:12	08/27/11 16:26	1
Chrysene	ND		4.8	0.034	ug/L		08/25/11 17:12	08/27/11 16:26	1
Decane	ND		9.5	1.5	ug/L		08/25/11 17:12	08/27/11 16:26	1
Dibenz(a,h)anthracene	ND		4.8	0.053	ug/L		08/25/11 17:12	08/27/11 16:26	1
Diethyl phthalate	ND	*	4.8	0.16	ug/L		08/25/11 17:12	08/27/11 16:26	1
Dimethyl phthalate	ND		4.8	0.16	ug/L		08/25/11 17:12	08/27/11 16:26	1
Di-n-butyl phthalate	ND		4.8	0.89	ug/L		08/25/11 17:12	08/27/11 16:26	1
Di-n-octyl phthalate	ND		4.8	4.2	ug/L		08/25/11 17:12	08/27/11 16:26	1
Fluoranthene	ND		4.8	0.10	ug/L		08/25/11 17:12	08/27/11 16:26	1
Fluorene	ND		4.8	0.041	ug/L		08/25/11 17:12	08/27/11 16:26	1
Hexachlorobenzene	ND		4.8	0.26	ug/L		08/25/11 17:12	08/27/11 16:26	1
Hexachlorobutadiene	ND		4.8	0.59	ug/L		08/25/11 17:12	08/27/11 16:26	1
Hexachlorocyclopentadiene	ND		4.8	0.43	ug/L		08/25/11 17:12	08/27/11 16:26	1
Hexachloroethane	ND		4.8	0.46	ug/L		08/25/11 17:12	08/27/11 16:26	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.18	ug/L		08/25/11 17:12	08/27/11 16:26	1
Isophorone	ND		4.8	0.15	ug/L		08/25/11 17:12	08/27/11 16:26	1
Naphthalene	ND		4.8	0.076	ug/L		08/25/11 17:12	08/27/11 16:26	1
Nitrobenzene	ND		4.8	0.11	ug/L		08/25/11 17:12	08/27/11 16:26	1
N-Nitrosodimethylamine	ND		9.5	0.92	ug/L		08/25/11 17:12	08/27/11 16:26	1
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L		08/25/11 17:12	08/27/11 16:26	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		08/25/11 17:12	08/27/11 16:26	1
n-Octadecane	ND		9.5	0.67	ug/L		08/25/11 17:12	08/27/11 16:26	1
Pentachlorophenol	ND		9.5	0.39	ug/L		08/25/11 17:12	08/27/11 16:26	1
Phenanthrene	ND		4.8	0.068	ug/L		08/25/11 17:12	08/27/11 16:26	1
Phenol	ND		4.8	0.12	ug/L		08/25/11 17:12	08/27/11 16:26	1

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

TestAmerica Job ID: 480-8931-1

Client Sample ID: 001 (COMP)
Date Collected: 08/23/11 14:00
Date Received: 08/24/11 17:15

Lab Sample ID: 480-8931-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		4.8	0.039	ug/L		08/25/11 17:12	08/27/11 16:26	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*129*		*52 - 151*	*08/25/11 17:12*	*08/27/11 16:26*	*1*
2-Fluorobiphenyl	*101*		*44 - 120*	*08/25/11 17:12*	*08/27/11 16:26*	*1*
2-Fluorophenol	*50*		*17 - 120*	*08/25/11 17:12*	*08/27/11 16:26*	*1*
Nitrobenzene-d5	*98*		*42 - 120*	*08/25/11 17:12*	*08/27/11 16:26*	*1*
Phenol-d5	*36*		*10 - 120*	*08/25/11 17:12*	*08/27/11 16:26*	*1*
p-Terphenyl-d14	*91*		*22 - 125*	*08/25/11 17:12*	*08/27/11 16:26*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		08/26/11 07:45	08/29/11 19:39	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		08/25/11 11:00	08/25/11 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.24**		0.010	0.0050	mg/L		08/31/11 15:01	09/02/11 10:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.71**	**HF**	0.100	0.100	SU			08/25/11 16:09	1

Surrogate Summary

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

TestAmerica Job ID: 480-8931-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)						
480-8931-1	001 (COMP)	117	100	103						
LCS 480-28847/4	Lab Control Sample	111	99	106						
MB 480-28847/5	Method Blank	110	99	104						

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**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)		
480-8931-1	001 (COMP)	129	101	50	98	36	91		
LCS 480-28953/2-A	Lab Control Sample	113	95	51	92	38	116		
LCSD 480-28953/3-A	Lab Control Sample Dup	111	87	48	85	37	119		
MB 480-28953/1-A	Method Blank	109	84	42	80	31	99		

Surrogate Legend

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

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

Lab Sample ID: MB 480-28847/5
Matrix: Water
Analysis Batch: 28847

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			08/25/11 11:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/25/11 11:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/25/11 11:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/25/11 11:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/25/11 11:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/25/11 11:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/25/11 11:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/25/11 11:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/25/11 11:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/25/11 11:19	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/25/11 11:19	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/25/11 11:19	1
Acrolein	ND		100	17	ug/L			08/25/11 11:19	1
Acrylonitrile	ND		25	1.9	ug/L			08/25/11 11:19	1
Benzene	ND		5.0	0.60	ug/L			08/25/11 11:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/25/11 11:19	1
Bromoform	ND		5.0	0.47	ug/L			08/25/11 11:19	1
Bromomethane	ND		5.0	1.2	ug/L			08/25/11 11:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/25/11 11:19	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/25/11 11:19	1
Chloroethane	ND		5.0	0.87	ug/L			08/25/11 11:19	1
Chloroform	ND		5.0	0.54	ug/L			08/25/11 11:19	1
Chloromethane	ND		5.0	0.64	ug/L			08/25/11 11:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/25/11 11:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/25/11 11:19	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			08/25/11 11:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/25/11 11:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/25/11 11:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/25/11 11:19	1
Toluene	ND		5.0	0.45	ug/L			08/25/11 11:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/25/11 11:19	1
Trichloroethene	ND		5.0	0.60	ug/L			08/25/11 11:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/25/11 11:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/25/11 11:19	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*		*08/25/11 11:19*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*08/25/11 11:19*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*08/25/11 11:19*	*1*

Lab Sample ID: LCS 480-28847/4
Matrix: Water
Analysis Batch: 28847

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	23.4		ug/L		117	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	61 - 140
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	71 - 129
1,1-Dichloroethane	20.0	20.8		ug/L		104	73 - 128

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

Lab Sample ID: LCS 480-28847/4
Matrix: Water
Analysis Batch: 28847

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	18.8		ug/L		94	51 - 150
1,2-Dichlorobenzene	20.0	20.7		ug/L		104	63 - 137
1,2-Dichloroethane	20.0	21.7		ug/L		109	68 - 132
1,2-Dichloropropane	20.0	20.9		ug/L		105	34 - 166
1,3-Dichlorobenzene	20.0	21.3		ug/L		107	73 - 127
1,4-Dichlorobenzene	20.0	20.5		ug/L		103	63 - 137
2-Chloroethyl vinyl ether	100	81.4		ug/L		81	1 - 224
Benzene	20.0	20.3		ug/L		102	64 - 136
Bromodichloromethane	20.0	21.8		ug/L		109	66 - 135
Bromoform	20.0	20.7		ug/L		104	71 - 129
Bromomethane	20.0	17.3		ug/L		87	14 - 186
Carbon tetrachloride	20.0	23.3		ug/L		117	73 - 127
Chlorobenzene	20.0	20.6		ug/L		103	66 - 134
Chloroethane	20.0	19.3		ug/L		97	38 - 162
Chloroform	20.0	21.1		ug/L		106	68 - 133
Chloromethane	20.0	19.2		ug/L		96	1 - 204
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	24 - 176
Dibromochloromethane	20.0	22.0		ug/L		110	68 - 133
Ethylbenzene	20.0	21.4		ug/L		107	59 - 141
Methylene Chloride	20.0	18.8		ug/L		94	61 - 140
Tetrachloroethene	20.0	20.1		ug/L		101	74 - 127
Toluene	20.0	21.5		ug/L		108	75 - 126
trans-1,3-Dichloropropene	20.0	21.9		ug/L		110	50 - 150
Trichloroethene	20.0	20.5		ug/L		103	67 - 134
Trichlorofluoromethane	20.0	21.6		ug/L		108	48 - 152
Vinyl chloride	20.0	18.4		ug/L		92	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 130*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*
Toluene-d8 (Surr)	*106*		*70 - 123*

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

Lab Sample ID: MB 480-28953/1-A
Matrix: Water
Analysis Batch: 29187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		08/25/11 17:12	08/27/11 14:05	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		08/25/11 17:12	08/27/11 14:05	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		08/25/11 17:12	08/27/11 14:05	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		08/25/11 17:12	08/27/11 14:05	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		08/25/11 17:12	08/27/11 14:05	1

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

Lab Sample ID: MB 480-28953/1-A
Matrix: Water
Analysis Batch: 29187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		08/25/11 17:12	08/27/11 14:05	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		08/25/11 17:12	08/27/11 14:05	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		08/25/11 17:12	08/27/11 14:05	1
2-Chlorophenol	ND		5.0	0.16	ug/L		08/25/11 17:12	08/27/11 14:05	1
2-Nitrophenol	ND		5.0	0.14	ug/L		08/25/11 17:12	08/27/11 14:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		08/25/11 17:12	08/27/11 14:05	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		08/25/11 17:12	08/27/11 14:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		08/25/11 17:12	08/27/11 14:05	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		08/25/11 17:12	08/27/11 14:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		08/25/11 17:12	08/27/11 14:05	1
4-Nitrophenol	ND		10	1.3	ug/L		08/25/11 17:12	08/27/11 14:05	1
Acenaphthene	ND		5.0	0.060	ug/L		08/25/11 17:12	08/27/11 14:05	1
Acenaphthylene	ND		5.0	0.034	ug/L		08/25/11 17:12	08/27/11 14:05	1
Anthracene	ND		5.0	0.052	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzidine	ND		80	2.5	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		08/25/11 17:12	08/27/11 14:05	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		08/25/11 17:12	08/27/11 14:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		08/25/11 17:12	08/27/11 14:05	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		08/25/11 17:12	08/27/11 14:05	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		08/25/11 17:12	08/27/11 14:05	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		08/25/11 17:12	08/27/11 14:05	1
Chrysene	ND		5.0	0.036	ug/L		08/25/11 17:12	08/27/11 14:05	1
Decane	ND		10	1.6	ug/L		08/25/11 17:12	08/27/11 14:05	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		08/25/11 17:12	08/27/11 14:05	1
Diethyl phthalate	ND		5.0	0.17	ug/L		08/25/11 17:12	08/27/11 14:05	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		08/25/11 17:12	08/27/11 14:05	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		08/25/11 17:12	08/27/11 14:05	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		08/25/11 17:12	08/27/11 14:05	1
Fluoranthene	ND		5.0	0.11	ug/L		08/25/11 17:12	08/27/11 14:05	1
Fluorene	ND		5.0	0.043	ug/L		08/25/11 17:12	08/27/11 14:05	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		08/25/11 17:12	08/27/11 14:05	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		08/25/11 17:12	08/27/11 14:05	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		08/25/11 17:12	08/27/11 14:05	1
Hexachloroethane	ND		5.0	0.48	ug/L		08/25/11 17:12	08/27/11 14:05	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		08/25/11 17:12	08/27/11 14:05	1
Isophorone	ND		5.0	0.16	ug/L		08/25/11 17:12	08/27/11 14:05	1
Naphthalene	ND		5.0	0.080	ug/L		08/25/11 17:12	08/27/11 14:05	1
Nitrobenzene	ND		5.0	0.11	ug/L		08/25/11 17:12	08/27/11 14:05	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		08/25/11 17:12	08/27/11 14:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		08/25/11 17:12	08/27/11 14:05	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		08/25/11 17:12	08/27/11 14:05	1
n-Octadecane	ND		10	0.70	ug/L		08/25/11 17:12	08/27/11 14:05	1
Pentachlorophenol	ND		10	0.41	ug/L		08/25/11 17:12	08/27/11 14:05	1
Phenanthrene	ND		5.0	0.071	ug/L		08/25/11 17:12	08/27/11 14:05	1
Phenol	ND		5.0	0.12	ug/L		08/25/11 17:12	08/27/11 14:05	1
Pyrene	ND		5.0	0.041	ug/L		08/25/11 17:12	08/27/11 14:05	1

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

Lab Sample ID: MB 480-28953/1-A
Matrix: Water
Analysis Batch: 29187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28953

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 151	08/25/11 17:12	08/27/11 14:05	1
2-Fluorobiphenyl	84		44 - 120	08/25/11 17:12	08/27/11 14:05	1
2-Fluorophenol	42		17 - 120	08/25/11 17:12	08/27/11 14:05	1
Nitrobenzene-d5	80		42 - 120	08/25/11 17:12	08/27/11 14:05	1
Phenol-d5	31		10 - 120	08/25/11 17:12	08/27/11 14:05	1
p-Terphenyl-d14	99		22 - 125	08/25/11 17:12	08/27/11 14:05	1

Lab Sample ID: LCS 480-28953/2-A
Matrix: Water
Analysis Batch: 29050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	74.1		ug/L		74	44 - 142
1,2-Dichlorobenzene	100	66.8		ug/L		67	32 - 129
1,3-Dichlorobenzene	100	64.0		ug/L		64	1 - 172
1,4-Dichlorobenzene	100	63.7		ug/L		64	20 - 124
2,2'-Oxybis(1-chloropropane)	100	86.0		ug/L		86	36 - 166
2,4,6-Trichlorophenol	100	103		ug/L		103	37 - 144
2,4-Dichlorophenol	100	97.0		ug/L		97	39 - 135
2,4-Dimethylphenol	100	99.8		ug/L		100	32 - 119
2,4-Dinitrophenol	100	94.0		ug/L		94	1 - 191
2,4-Dinitrotoluene	100	122		ug/L		122	39 - 139
2,6-Dinitrotoluene	100	121		ug/L		121	50 - 158
2-Chloronaphthalene	100	96.3		ug/L		96	60 - 118
2-Chlorophenol	100	76.2		ug/L		76	23 - 134
2-Nitrophenol	100	93.7		ug/L		94	29 - 182
3,3'-Dichlorobenzidine	100	92.8		ug/L		93	1 - 262
4,6-Dinitro-2-methylphenol	100	125		ug/L		125	1 - 181
4-Bromophenyl phenyl ether	100	105		ug/L		105	53 - 127
4-Chloro-3-methylphenol	100	119		ug/L		119	22 - 147
4-Chlorophenyl phenyl ether	100	105		ug/L		105	25 - 158
4-Nitrophenol	100	79.6		ug/L		80	1 - 132
Acenaphthene	100	101		ug/L		101	47 - 145
Acenaphthylene	100	99.5		ug/L		100	33 - 145
Anthracene	100	108		ug/L		108	27 - 133
Benzo[a]anthracene	100	108		ug/L		108	33 - 143
Benzo[a]pyrene	100	107		ug/L		107	17 - 163
Benzo[b]fluoranthene	100	99.8		ug/L		100	24 - 159
Benzo[g,h,i]perylene	100	113		ug/L		113	1 - 219
Benzo[k]fluoranthene	100	107		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	100	92.1		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	100	75.1		ug/L		75	12 - 158
Bis(2-ethylhexyl) phthalate	100	112		ug/L		112	8 - 158
Butyl benzyl phthalate	100	123		ug/L		123	1 - 152
Chrysene	100	109		ug/L		109	17 - 168
Dibenz(a,h)anthracene	100	110		ug/L		110	1 - 227
Diethyl phthalate	100	116	*	ug/L		116	1 - 114
Dimethyl phthalate	100	110		ug/L		110	1 - 112
Di-n-butyl phthalate	100	110		ug/L		110	1 - 118

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

Lab Sample ID: LCS 480-28953/2-A
Matrix: Water
Analysis Batch: 29050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	124		ug/L		124	4 - 146
Fluoranthene	100	107		ug/L		107	26 - 137
Fluorene	100	108		ug/L		108	59 - 121
Hexachlorobenzene	100	102		ug/L		102	1 - 152
Hexachlorocyclopentadiene	100	78.9		ug/L		79	5 - 120
Hexachloroethane	100	63.7		ug/L		64	40 - 113
Indeno[1,2,3-cd]pyrene	100	105		ug/L		105	1 - 171
Isophorone	100	101		ug/L		101	21 - 196
Naphthalene	100	83.2		ug/L		83	21 - 133
Nitrobenzene	100	90.6		ug/L		91	35 - 180
N-Nitrosodi-n-propylamine	100	90.3		ug/L		90	1 - 230
N-Nitrosodiphenylamine	100	109		ug/L		109	54 - 125
Pentachlorophenol	100	129		ug/L		129	14 - 176
Phenanthrene	100	106		ug/L		106	54 - 120
Phenol	100	43.4		ug/L		43	5 - 112
Pyrene	100	100		ug/L		100	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*113*		*52 - 151*
2-Fluorobiphenyl	*95*		*44 - 120*
2-Fluorophenol	*51*		*17 - 120*
Nitrobenzene-d5	*92*		*42 - 120*
Phenol-d5	*38*		*10 - 120*
p-Terphenyl-d14	*116*		*22 - 125*

Lab Sample ID: LCSD 480-28953/3-A
Matrix: Water
Analysis Batch: 29050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 28953

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	69.5		ug/L		70	44 - 142	6	34
1,2-Dichlorobenzene	100	62.8		ug/L		63	32 - 129	6	38
1,3-Dichlorobenzene	100	57.9		ug/L		58	1 - 172	10	37
1,4-Dichlorobenzene	100	58.8		ug/L		59	20 - 124	8	40
2,2'-Oxybis(1-chloropropane)	100	86.1		ug/L		86	36 - 166	0	36
2,4,6-Trichlorophenol	100	101		ug/L		101	37 - 144	2	20
2,4-Dichlorophenol	100	93.3		ug/L		93	39 - 135	4	23
2,4-Dimethylphenol	100	93.3		ug/L		93	32 - 119	7	18
2,4-Dinitrophenol	100	108		ug/L		108	1 - 191	14	29
2,4-Dinitrotoluene	100	119		ug/L		119	39 - 139	2	20
2,6-Dinitrotoluene	100	119		ug/L		119	50 - 158	1	17
2-Chloronaphthalene	100	88.9		ug/L		89	60 - 118	8	30
2-Chlorophenol	100	73.5		ug/L		74	23 - 134	4	26
2-Nitrophenol	100	91.6		ug/L		92	29 - 182	2	28
3,3'-Dichlorobenzidine	100	89.5		ug/L		90	1 - 262	4	31
4,6-Dinitro-2-methylphenol	100	128		ug/L		128	1 - 181	2	30
4-Bromophenyl phenyl ether	100	102		ug/L		102	53 - 127	3	16
4-Chloro-3-methylphenol	100	111		ug/L		111	22 - 147	7	16
4-Chlorophenyl phenyl ether	100	103		ug/L		103	25 - 158	2	15

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

Lab Sample ID: LCSD 480-28953/3-A
Matrix: Water
Analysis Batch: 29050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 28953

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	77.9		ug/L		78	1 - 132	2	24
Acenaphthene			100	93.8		ug/L		94	47 - 145	7	25
Acenaphthylene			100	95.1		ug/L		95	33 - 145	5	22
Anthracene			100	104		ug/L		104	27 - 133	4	15
Benzo[a]anthracene			100	108		ug/L		108	33 - 143	0	15
Benzo[a]pyrene			100	105		ug/L		105	17 - 163	2	15
Benzo[b]fluoranthene			100	100		ug/L		100	24 - 159	0	17
Benzo[g,h,i]perylene			100	115		ug/L		115	1 - 219	1	19
Benzo[k]fluoranthene			100	106		ug/L		106	11 - 162	0	19
Bis(2-chloroethoxy)methane			100	87.1		ug/L		87	33 - 184	6	23
Bis(2-chloroethyl)ether			100	73.8		ug/L		74	12 - 158	2	33
Bis(2-ethylhexyl) phthalate			100	114		ug/L		114	8 - 158	1	15
Butyl benzyl phthalate			100	125		ug/L		125	1 - 152	2	15
Chrysene			100	109		ug/L		109	17 - 168	0	15
Dibenz(a,h)anthracene			100	112		ug/L		112	1 - 227	2	18
Diethyl phthalate			100	111		ug/L		111	1 - 114	5	15
Dimethyl phthalate			100	105		ug/L		105	1 - 112	4	15
Di-n-butyl phthalate			100	109		ug/L		109	1 - 118	1	15
Di-n-octyl phthalate			100	125		ug/L		125	4 - 146	0	15
Fluoranthene			100	105		ug/L		105	26 - 137	2	15
Fluorene			100	103		ug/L		103	59 - 121	5	18
Hexachlorobenzene			100	102		ug/L		102	1 - 152	0	15
Hexachlorocyclopentadiene			100	71.7		ug/L		72	5 - 120	10	50
Hexachloroethane			100	58.3		ug/L		58	40 - 113	9	43
Indeno[1,2,3-cd]pyrene			100	107		ug/L		107	1 - 171	2	17
Isophorone			100	95.0		ug/L		95	21 - 196	6	21
Naphthalene			100	78.3		ug/L		78	21 - 133	6	31
Nitrobenzene			100	85.9		ug/L		86	35 - 180	5	27
N-Nitrosodi-n-propylamine			100	89.1		ug/L		89	1 - 230	1	23
N-Nitrosodiphenylamine			100	105		ug/L		105	54 - 125	4	15
Pentachlorophenol			100	134		ug/L		134	14 - 176	4	21
Phenanthrene			100	104		ug/L		104	54 - 120	2	16
Phenol			100	39.5		ug/L		40	5 - 112	9	36
Pyrene			100	105		ug/L		105	52 - 115	5	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*111*		*52 - 151*
2-Fluorobiphenyl	*87*		*44 - 120*
2-Fluorophenol	*48*		*17 - 120*
Nitrobenzene-d5	*85*		*42 - 120*
Phenol-d5	*37*		*10 - 120*
p-Terphenyl-d14	*119*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-28936/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 29379 — **Prep Batch: 28936**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		08/26/11 07:45	08/29/11 19:15	1

Lab Sample ID: LCS 480-28936/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 29379 — **Prep Batch: 28936**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.217		mg/L		108	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-28877/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 28924 — **Prep Batch: 28877**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/11 11:00	08/25/11 14:40	1

Lab Sample ID: LCS 480-28877/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 28924 — **Prep Batch: 28877**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00712		mg/L		107	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-29662/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 29969 — **Prep Batch: 29662**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/31/11 15:01	09/02/11 10:08	1

Lab Sample ID: LCS 480-29662/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 29969 — **Prep Batch: 29662**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.234		mg/L		94	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-28931/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 28931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

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

TestAmerica Job ID: 480-8931-1

Method: SM 4500 H+ B - pH (Continued)

Lab Sample ID: 480-8931-1 DU
Matrix: Water
Analysis Batch: 28931

Client Sample ID: 001 (COMP)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.71	HF		7.690		SU				0.3	5

QC Association Summary

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

TestAmerica Job ID: 480-8931-1

GC/MS VOA

Analysis Batch: 28847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	624	
LCS 480-28847/4	Lab Control Sample	Total/NA	Water	624	
MB 480-28847/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 28953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	625	
LCS 480-28953/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-28953/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-28953/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 29050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-28953/2-A	Lab Control Sample	Total/NA	Water	625	28953
LCSD 480-28953/3-A	Lab Control Sample Dup	Total/NA	Water	625	28953

Analysis Batch: 29187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	625	28953
MB 480-28953/1-A	Method Blank	Total/NA	Water	625	28953

Metals

Prep Batch: 28877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	245.1	
LCS 480-28877/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-28877/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 28924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	245.1	28877
LCS 480-28877/2-A	Lab Control Sample	Total/NA	Water	245.1	28877
MB 480-28877/1-A	Method Blank	Total/NA	Water	245.1	28877

Prep Batch: 28936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	200.7	
LCS 480-28936/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-28936/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 29379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	28936
LCS 480-28936/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	28936
MB 480-28936/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	28936

QC Association Summary

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

TestAmerica Job ID: 480-8931-1

General Chemistry

Analysis Batch: 28931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
480-8931-1 DU	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
LCS 480-28931/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 29662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	Distill/CN	
LCS 480-29662/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-29662/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 29969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-8931-1	001 (COMP)	Total/NA	Water	335.4	29662
LCS 480-29662/1-A	Lab Control Sample	Total/NA	Water	335.4	29662
MB 480-29662/2-A	Method Blank	Total/NA	Water	335.4	29662

Lab Chronicle

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

TestAmerica Job ID: 480-8931-1

Client Sample ID: 001 (COMP)
Date Collected: 08/23/11 14:00
Date Received: 08/24/11 17:15

Lab Sample ID: 480-8931-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	28847	08/25/11 16:09	TRB	TAL BUF
Total/NA	Prep	625			28953	08/25/11 17:12	LT	TAL BUF
Total/NA	Analysis	625		1	29187	08/27/11 16:26	RMM	TAL BUF
Total/NA	Prep	245.1			28877	08/25/11 11:00	MM	TAL BUF
Total/NA	Analysis	245.1		1	28924	08/25/11 15:29	MM	TAL BUF
Total/NA	Prep	200.7			28936	08/26/11 07:45	MM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	29379	08/29/11 19:39	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	28931	08/25/11 16:09	JS	TAL BUF
Total/NA	Prep	Distill/CN			29662	08/31/11 15:01	AP	TAL BUF
Total/NA	Analysis	335.4		1	29969	09/02/11 10:12	KS	TAL BUF

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

Certification Summary

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

TestAmerica Job ID: 480-8931-1

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	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
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	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-8931-1

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: 480-8931-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-8931-1	001 (COMP)	Water	08/23/11 14:00	08/24/11 17:15

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

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No.: 480-15250-1280.1
Client Contact: Mr. Brent Miller	Phone: 484-645-2301	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:
Address: 158 Sonwil Drive	Due Date Requested:			
City: Cheektowaga	TAT Requested (days): Standard			
State, Zip: NY, 14225				
Phone: 484-325-0280(Tel)	PO #: 0901204-15-220			
Email: bmiller@gesonline.com	WO #:			
Project Name: Bristol Myers Squibb Monthly	Project #: 48002463			
Site:	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
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7, 245.1	624_and - (MOD) Priority Pollutant List - VOA - 82	625 - (MOD) Priority Pollutant List - SVOA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	B	N		
001	8-23-11	0800	G	Water			X	X	X	X	X		Comp. Samples
001	8-23-11	1000	G	Water			X	X	X	X	X		at Lab befor
001	8-23-11	1200	G	water			X	X	X	X	X		running
001	8-23-11	1430	G	water			X	X	X	X	X		
~~Trip Blank~~													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Brent Miller	8-23-11 / 1500	GES	[signature]	08-24-11 14:10	BFLO
[signature]	08-24-11 17:15	BFLO	[signature]	8/24/11 1715	TAL

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-8931-1

Login Number: 8931

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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	

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: 480-9486-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Melissa Deyo

Authorized for release by:
09/20/2011 04:22:03 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Definitions/Glossary

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

TestAmerica Job ID: 480-9486-1

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.

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-9486-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-9486-1

Receipt
Methods 200.7 Rev 4.4 and 245.1: The following sample was received unpreserved and was preserved upon receipt to the laboratory: 001 (COMP) (480-9486-1). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion. The sample was preserved 09/08/11 at 1530.

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 09/09/11 as requested on the chain-of-custody: 001 (COMP) (480-9486-1).

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 has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 001 (COMP) (480-9486-1)

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-9486-1

Client Sample ID: 001 (COMP) — Lab Sample ID: 480-9486-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0022	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.23		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.22	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-9486-7

No Detections

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

TestAmerica Job ID: 480-9486-1

Client Sample ID: 001 (COMP)
Date Collected: 09/07/11 14:15
Date Received: 09/08/11 12:45

Lab Sample ID: 480-9486-1
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			09/09/11 18:45	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/11 18:45	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/11 18:45	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/11 18:45	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/11 18:45	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/11 18:45	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/11 18:45	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/11 18:45	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/11 18:45	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/09/11 18:45	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/09/11 18:45	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/11 18:45	1
Acrolein	ND		100	17	ug/L			09/09/11 18:45	1
Acrylonitrile	ND		25	1.9	ug/L			09/09/11 18:45	1
Benzene	ND		5.0	0.60	ug/L			09/09/11 18:45	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/11 18:45	1
Bromoform	ND		5.0	0.47	ug/L			09/09/11 18:45	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/11 18:45	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/11 18:45	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/09/11 18:45	1
Chloroethane	ND		5.0	0.87	ug/L			09/09/11 18:45	1
Chloroform	ND		5.0	0.54	ug/L			09/09/11 18:45	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/11 18:45	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/11 18:45	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/11 18:45	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			09/09/11 18:45	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/11 18:45	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/11 18:45	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/11 18:45	1
Toluene	ND		5.0	0.45	ug/L			09/09/11 18:45	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/11 18:45	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/11 18:45	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/11 18:45	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/11 18:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 130*		*09/09/11 18:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*09/09/11 18:45*	*1*
Toluene-d8 (Surr)	*106*		*70 - 123*		*09/09/11 18:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		12	0.60	ug/L		09/12/11 10:26	09/14/11 00:45	1
1,2-Dichlorobenzene	ND		12	0.18	ug/L		09/12/11 10:26	09/14/11 00:45	1
1,2-Diphenylhydrazine	ND		12	0.077	ug/L		09/12/11 10:26	09/14/11 00:45	1
1,3-Dichlorobenzene	ND		12	0.084	ug/L		09/12/11 10:26	09/14/11 00:45	1
1,4-Dichlorobenzene	ND		12	0.11	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,2'-Oxybis(1-chloropropane)	ND		6.1	0.10	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,4,6-Trichlorophenol	ND		6.1	0.29	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,4-Dichlorophenol	ND		6.1	0.37	ug/L		09/12/11 10:26	09/14/11 00:45	1

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

TestAmerica Job ID: 480-9486-1

Client Sample ID: 001 (COMP)
Date Collected: 09/07/11 14:15
Date Received: 09/08/11 12:45

Lab Sample ID: 480-9486-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		6.1	0.16	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,4-Dinitrophenol	ND		12	1.0	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,4-Dinitrotoluene	ND		6.1	0.32	ug/L		09/12/11 10:26	09/14/11 00:45	1
2,6-Dinitrotoluene	ND		6.1	0.87	ug/L		09/12/11 10:26	09/14/11 00:45	1
2-Chloronaphthalene	ND		6.1	0.082	ug/L		09/12/11 10:26	09/14/11 00:45	1
2-Chlorophenol	ND		6.1	0.19	ug/L		09/12/11 10:26	09/14/11 00:45	1
2-Nitrophenol	ND		6.1	0.18	ug/L		09/12/11 10:26	09/14/11 00:45	1
3,3'-Dichlorobenzidine	ND		6.1	1.0	ug/L		09/12/11 10:26	09/14/11 00:45	1
4,6-Dinitro-2-methylphenol	ND		12	0.93	ug/L		09/12/11 10:26	09/14/11 00:45	1
4-Bromophenyl phenyl ether	ND		6.1	0.14	ug/L		09/12/11 10:26	09/14/11 00:45	1
4-Chloro-3-methylphenol	ND		6.1	0.68	ug/L		09/12/11 10:26	09/14/11 00:45	1
4-Chlorophenyl phenyl ether	ND		6.1	0.25	ug/L		09/12/11 10:26	09/14/11 00:45	1
4-Nitrophenol	ND		12	1.6	ug/L		09/12/11 10:26	09/14/11 00:45	1
Acenaphthene	ND		6.1	0.073	ug/L		09/12/11 10:26	09/14/11 00:45	1
Acenaphthylene	ND		6.1	0.041	ug/L		09/12/11 10:26	09/14/11 00:45	1
Anthracene	ND		6.1	0.064	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzidine	ND		98	3.1	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzo[a]anthracene	ND		6.1	0.053	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzo[a]pyrene	ND		6.1	0.071	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzo[b]fluoranthene	ND		6.1	0.075	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzo[g,h,i]perylene	ND		6.1	0.12	ug/L		09/12/11 10:26	09/14/11 00:45	1
Benzo[k]fluoranthene	ND		6.1	0.051	ug/L		09/12/11 10:26	09/14/11 00:45	1
Bis(2-chloroethoxy)methane	ND		6.1	0.10	ug/L		09/12/11 10:26	09/14/11 00:45	1
Bis(2-chloroethyl)ether	ND		6.1	1.3	ug/L		09/12/11 10:26	09/14/11 00:45	1
Bis(2-ethylhexyl) phthalate	ND		12	1.1	ug/L		09/12/11 10:26	09/14/11 00:45	1
Butyl benzyl phthalate	ND		6.1	1.6	ug/L		09/12/11 10:26	09/14/11 00:45	1
Chrysene	ND		6.1	0.044	ug/L		09/12/11 10:26	09/14/11 00:45	1
Decane	ND		12	1.9	ug/L		09/12/11 10:26	09/14/11 00:45	1
Dibenz(a,h)anthracene	ND		6.1	0.067	ug/L		09/12/11 10:26	09/14/11 00:45	1
Diethyl phthalate	ND		6.1	0.21	ug/L		09/12/11 10:26	09/14/11 00:45	1
Dimethyl phthalate	ND		6.1	0.20	ug/L		09/12/11 10:26	09/14/11 00:45	1
Di-n-butyl phthalate	ND		6.1	1.1	ug/L		09/12/11 10:26	09/14/11 00:45	1
Di-n-octyl phthalate	ND		6.1	5.4	ug/L		09/12/11 10:26	09/14/11 00:45	1
Fluoranthene	ND		6.1	0.13	ug/L		09/12/11 10:26	09/14/11 00:45	1
Fluorene	ND		6.1	0.052	ug/L		09/12/11 10:26	09/14/11 00:45	1
Hexachlorobenzene	ND		6.1	0.34	ug/L		09/12/11 10:26	09/14/11 00:45	1
Hexachlorobutadiene	ND		6.1	0.75	ug/L		09/12/11 10:26	09/14/11 00:45	1
Hexachlorocyclopentadiene	ND		6.1	0.55	ug/L		09/12/11 10:26	09/14/11 00:45	1
Hexachloroethane	ND		6.1	0.59	ug/L		09/12/11 10:26	09/14/11 00:45	1
Indeno[1,2,3-cd]pyrene	ND		6.1	0.23	ug/L		09/12/11 10:26	09/14/11 00:45	1
Isophorone	ND		6.1	0.19	ug/L		09/12/11 10:26	09/14/11 00:45	1
Naphthalene	ND		6.1	0.098	ug/L		09/12/11 10:26	09/14/11 00:45	1
Nitrobenzene	ND		6.1	0.13	ug/L		09/12/11 10:26	09/14/11 00:45	1
N-Nitrosodimethylamine	ND		12	1.2	ug/L		09/12/11 10:26	09/14/11 00:45	1
N-Nitrosodi-n-propylamine	ND		6.1	0.28	ug/L		09/12/11 10:26	09/14/11 00:45	1
N-Nitrosodiphenylamine	ND		6.1	0.48	ug/L		09/12/11 10:26	09/14/11 00:45	1
n-Octadecane	ND		12	0.85	ug/L		09/12/11 10:26	09/14/11 00:45	1
Pentachlorophenol	ND		12	0.50	ug/L		09/12/11 10:26	09/14/11 00:45	1
Phenanthrene	ND		6.1	0.087	ug/L		09/12/11 10:26	09/14/11 00:45	1
Phenol	ND		6.1	0.15	ug/L		09/12/11 10:26	09/14/11 00:45	1

Client Sample ID: 001 (COMP)

Date Collected: 09/07/11 14:15
Date Received: 09/08/11 12:45

Lab Sample ID: 480-9486-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		6.1	0.050	ug/L		09/12/11 10:26	09/14/11 00:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*135*		*52 - 151*	*09/12/11 10:26*	*09/14/11 00:45*	*1*
2-Fluorobiphenyl	*99*		*44 - 120*	*09/12/11 10:26*	*09/14/11 00:45*	*1*
2-Fluorophenol	*59*		*17 - 120*	*09/12/11 10:26*	*09/14/11 00:45*	*1*
Nitrobenzene-d5	*93*		*42 - 120*	*09/12/11 10:26*	*09/14/11 00:45*	*1*
Phenol-d5	*40*		*10 - 120*	*09/12/11 10:26*	*09/14/11 00:45*	*1*
p-Terphenyl-d14	*99*		*22 - 125*	*09/12/11 10:26*	*09/14/11 00:45*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0022**	**J**	0.010	0.0017	mg/L		09/09/11 08:50	09/09/11 19:13	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		09/09/11 11:35	09/09/11 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.23**		0.010	0.0050	mg/L		09/13/11 18:30	09/14/11 10:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.22**	**HF**	0.100	0.100	SU			09/09/11 00:35	1

Client Sample ID: TB

Date Collected: 09/07/11 00:00
Date Received: 09/08/11 12:45

Lab Sample ID: 480-9486-7
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			09/09/11 19:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/11 19:11	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/11 19:11	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/11 19:11	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/11 19:11	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/11 19:11	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/11 19:11	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/11 19:11	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/11 19:11	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/09/11 19:11	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/09/11 19:11	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/11 19:11	1
Acrolein	ND		100	17	ug/L			09/09/11 19:11	1
Acrylonitrile	ND		25	1.9	ug/L			09/09/11 19:11	1
Benzene	ND		5.0	0.60	ug/L			09/09/11 19:11	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/11 19:11	1
Bromoform	ND		5.0	0.47	ug/L			09/09/11 19:11	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/11 19:11	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/11 19:11	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/09/11 19:11	1

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

TestAmerica Job ID: 480-9486-1

Client Sample ID: TB
Date Collected: 09/07/11 00:00
Date Received: 09/08/11 12:45

Lab Sample ID: 480-9486-7
Matrix: Water

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			09/09/11 19:11	1
Chloroform	ND		5.0	0.54	ug/L			09/09/11 19:11	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/11 19:11	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/11 19:11	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/11 19:11	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			09/09/11 19:11	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/11 19:11	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/11 19:11	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/11 19:11	1
Toluene	ND		5.0	0.45	ug/L			09/09/11 19:11	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/11 19:11	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/11 19:11	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/11 19:11	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/11 19:11	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 130*		*09/09/11 19:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*09/09/11 19:11*	*1*
Toluene-d8 (Surr)	*106*		*70 - 123*		*09/09/11 19:11*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-9486-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)						
480-9486-1	001 (COMP)	117	95	106						
480-9486-7	TB	118	94	106						
LCS 480-30577/4	Lab Control Sample	112	96	110						
MB 480-30577/5	Method Blank	115	94	109						

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**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)		
480-9486-1	001 (COMP)	135	99	59	93	40	99		
LCS 480-30832/2-A	Lab Control Sample	118	93	53	99	36	81		
LCSD 480-30832/3-A	Lab Control Sample Dup	116	89	52	95	37	81		
MB 480-30832/1-A	Method Blank	111	83	47	87	32	81		

Surrogate Legend

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

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

Lab Sample ID: MB 480-30577/5
Matrix: Water
Analysis Batch: 30577

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			09/09/11 11:07	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/11 11:07	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/11 11:07	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/11 11:07	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/11 11:07	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/11 11:07	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/11 11:07	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/11 11:07	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/11 11:07	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/09/11 11:07	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/09/11 11:07	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/11 11:07	1
Acrolein	ND		100	17	ug/L			09/09/11 11:07	1
Acrylonitrile	ND		25	1.9	ug/L			09/09/11 11:07	1
Benzene	ND		5.0	0.60	ug/L			09/09/11 11:07	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/11 11:07	1
Bromoform	ND		5.0	0.47	ug/L			09/09/11 11:07	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/11 11:07	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/11 11:07	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/09/11 11:07	1
Chloroethane	ND		5.0	0.87	ug/L			09/09/11 11:07	1
Chloroform	ND		5.0	0.54	ug/L			09/09/11 11:07	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/11 11:07	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/11 11:07	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/11 11:07	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			09/09/11 11:07	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/11 11:07	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/11 11:07	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/11 11:07	1
Toluene	ND		5.0	0.45	ug/L			09/09/11 11:07	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/11 11:07	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/11 11:07	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/11 11:07	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/11 11:07	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 130*		*09/09/11 11:07*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*09/09/11 11:07*	*1*
Toluene-d8 (Surr)	*109*		*70 - 123*		*09/09/11 11:07*	*1*

Lab Sample ID: LCS 480-30577/4
Matrix: Water
Analysis Batch: 30577

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	18.4		ug/L		92	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	61 - 140
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	71 - 129
1,1-Dichloroethane	20.0	17.5		ug/L		88	73 - 128

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

Lab Sample ID: LCS 480-30577/4
Matrix: Water
Analysis Batch: 30577

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	15.0		ug/L		75	51 - 150
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	63 - 137
1,2-Dichloroethane	20.0	18.9		ug/L		95	68 - 132
1,2-Dichloropropane	20.0	18.0		ug/L		90	34 - 166
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	73 - 127
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	63 - 137
2-Chloroethyl vinyl ether	100	76.6		ug/L		77	1 - 224
Benzene	20.0	17.8		ug/L		89	64 - 136
Bromodichloromethane	20.0	18.7		ug/L		94	66 - 135
Bromoform	20.0	18.5		ug/L		93	71 - 129
Bromomethane	20.0	17.0		ug/L		85	14 - 186
Carbon tetrachloride	20.0	18.4		ug/L		92	73 - 127
Chlorobenzene	20.0	18.7		ug/L		94	66 - 134
Chloroethane	20.0	20.0		ug/L		100	38 - 162
Chloroform	20.0	18.4		ug/L		92	68 - 133
Chloromethane	20.0	18.0		ug/L		90	1 - 204
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	24 - 176
Dibromochloromethane	20.0	19.6		ug/L		98	68 - 133
Ethylbenzene	20.0	19.0		ug/L		95	59 - 141
Methylene Chloride	20.0	15.9		ug/L		80	61 - 140
Tetrachloroethene	20.0	17.7		ug/L		89	74 - 127
Toluene	20.0	19.1		ug/L		96	75 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	50 - 150
Trichloroethene	20.0	17.3		ug/L		87	67 - 134
Trichlorofluoromethane	20.0	21.1		ug/L		106	48 - 152
Vinyl chloride	20.0	17.2		ug/L		86	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 130*
4-Bromofluorobenzene (Surr)	*96*		*69 - 121*
Toluene-d8 (Surr)	*110*		*70 - 123*

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

Lab Sample ID: MB 480-30832/1-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		09/12/11 10:26	09/13/11 19:41	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		09/12/11 10:26	09/13/11 19:41	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		09/12/11 10:26	09/13/11 19:41	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		09/12/11 10:26	09/13/11 19:41	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		09/12/11 10:26	09/13/11 19:41	1

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

Lab Sample ID: MB 480-30832/1-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		09/12/11 10:26	09/13/11 19:41	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		09/12/11 10:26	09/13/11 19:41	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		09/12/11 10:26	09/13/11 19:41	1
2-Chlorophenol	ND		5.0	0.16	ug/L		09/12/11 10:26	09/13/11 19:41	1
2-Nitrophenol	ND		5.0	0.14	ug/L		09/12/11 10:26	09/13/11 19:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		09/12/11 10:26	09/13/11 19:41	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		09/12/11 10:26	09/13/11 19:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		09/12/11 10:26	09/13/11 19:41	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		09/12/11 10:26	09/13/11 19:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		09/12/11 10:26	09/13/11 19:41	1
4-Nitrophenol	ND		10	1.3	ug/L		09/12/11 10:26	09/13/11 19:41	1
Acenaphthene	ND		5.0	0.060	ug/L		09/12/11 10:26	09/13/11 19:41	1
Acenaphthylene	ND		5.0	0.034	ug/L		09/12/11 10:26	09/13/11 19:41	1
Anthracene	ND		5.0	0.052	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzidine	ND		80	2.5	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		09/12/11 10:26	09/13/11 19:41	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		09/12/11 10:26	09/13/11 19:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		09/12/11 10:26	09/13/11 19:41	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		09/12/11 10:26	09/13/11 19:41	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		09/12/11 10:26	09/13/11 19:41	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		09/12/11 10:26	09/13/11 19:41	1
Chrysene	ND		5.0	0.036	ug/L		09/12/11 10:26	09/13/11 19:41	1
Decane	ND		10	1.6	ug/L		09/12/11 10:26	09/13/11 19:41	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		09/12/11 10:26	09/13/11 19:41	1
Diethyl phthalate	ND		5.0	0.17	ug/L		09/12/11 10:26	09/13/11 19:41	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		09/12/11 10:26	09/13/11 19:41	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		09/12/11 10:26	09/13/11 19:41	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		09/12/11 10:26	09/13/11 19:41	1
Fluoranthene	ND		5.0	0.11	ug/L		09/12/11 10:26	09/13/11 19:41	1
Fluorene	ND		5.0	0.043	ug/L		09/12/11 10:26	09/13/11 19:41	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		09/12/11 10:26	09/13/11 19:41	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		09/12/11 10:26	09/13/11 19:41	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		09/12/11 10:26	09/13/11 19:41	1
Hexachloroethane	ND		5.0	0.48	ug/L		09/12/11 10:26	09/13/11 19:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		09/12/11 10:26	09/13/11 19:41	1
Isophorone	ND		5.0	0.16	ug/L		09/12/11 10:26	09/13/11 19:41	1
Naphthalene	ND		5.0	0.080	ug/L		09/12/11 10:26	09/13/11 19:41	1
Nitrobenzene	ND		5.0	0.11	ug/L		09/12/11 10:26	09/13/11 19:41	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		09/12/11 10:26	09/13/11 19:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		09/12/11 10:26	09/13/11 19:41	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		09/12/11 10:26	09/13/11 19:41	1
n-Octadecane	ND		10	0.70	ug/L		09/12/11 10:26	09/13/11 19:41	1
Pentachlorophenol	ND		10	0.41	ug/L		09/12/11 10:26	09/13/11 19:41	1
Phenanthrene	ND		5.0	0.071	ug/L		09/12/11 10:26	09/13/11 19:41	1
Phenol	ND		5.0	0.12	ug/L		09/12/11 10:26	09/13/11 19:41	1
Pyrene	ND		5.0	0.041	ug/L		09/12/11 10:26	09/13/11 19:41	1

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

Lab Sample ID: MB 480-30832/1-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30832

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		52 - 151	09/12/11 10:26	09/13/11 19:41	1
2-Fluorobiphenyl	83		44 - 120	09/12/11 10:26	09/13/11 19:41	1
2-Fluorophenol	47		17 - 120	09/12/11 10:26	09/13/11 19:41	1
Nitrobenzene-d5	87		42 - 120	09/12/11 10:26	09/13/11 19:41	1
Phenol-d5	32		10 - 120	09/12/11 10:26	09/13/11 19:41	1
p-Terphenyl-d14	81		22 - 125	09/12/11 10:26	09/13/11 19:41	1

Lab Sample ID: LCS 480-30832/2-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	58.5		ug/L		59	44 - 142
1,2-Dichlorobenzene	100	51.4		ug/L		51	32 - 129
1,3-Dichlorobenzene	100	47.5		ug/L		48	1 - 172
1,4-Dichlorobenzene	100	52.7		ug/L		53	20 - 124
2,2'-Oxybis(1-chloropropane)	100	86.5		ug/L		87	36 - 166
2,4,6-Trichlorophenol	100	91.4		ug/L		91	37 - 144
2,4-Dichlorophenol	100	97.9		ug/L		98	39 - 135
2,4-Dimethylphenol	100	88.0		ug/L		88	32 - 119
2,4-Dinitrophenol	100	98.0		ug/L		98	1 - 191
2,4-Dinitrotoluene	100	121		ug/L		121	39 - 139
2,6-Dinitrotoluene	100	118		ug/L		118	50 - 158
2-Chloronaphthalene	100	78.6		ug/L		79	60 - 118
2-Chlorophenol	100	73.1		ug/L		73	23 - 134
2-Nitrophenol	100	99.2		ug/L		99	29 - 182
3,3'-Dichlorobenzidine	100	74.5		ug/L		75	1 - 262
4,6-Dinitro-2-methylphenol	100	111		ug/L		111	1 - 181
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127
4-Chloro-3-methylphenol	100	98.8		ug/L		99	22 - 147
4-Chlorophenyl phenyl ether	100	105		ug/L		105	25 - 158
4-Nitrophenol	100	54.1		ug/L		54	1 - 132
Acenaphthene	100	89.2		ug/L		89	47 - 145
Acenaphthylene	100	99.9		ug/L		100	33 - 145
Anthracene	100	104		ug/L		104	27 - 133
Benzo[a]anthracene	100	98.7		ug/L		99	33 - 143
Benzo[a]pyrene	100	105		ug/L		105	17 - 163
Benzo[b]fluoranthene	100	98.6		ug/L		99	24 - 159
Benzo[g,h,i]perylene	100	114		ug/L		114	1 - 219
Benzo[k]fluoranthene	100	101		ug/L		101	11 - 162
Bis(2-chloroethoxy)methane	100	96.9		ug/L		97	33 - 184
Bis(2-chloroethyl)ether	100	82.1		ug/L		82	12 - 158
Bis(2-ethylhexyl) phthalate	100	104		ug/L		104	8 - 158
Butyl benzyl phthalate	100	110		ug/L		110	1 - 152
Chrysene	100	99.3		ug/L		99	17 - 168
Dibenz(a,h)anthracene	100	108		ug/L		108	1 - 227
Diethyl phthalate	100	110		ug/L		110	1 - 114
Dimethyl phthalate	100	101		ug/L		101	1 - 112
Di-n-butyl phthalate	100	108		ug/L		108	1 - 118

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

Lab Sample ID: LCS 480-30832/2-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	111		ug/L		111	4 - 146
Fluoranthene	100	98.3		ug/L		98	26 - 137
Fluorene	100	107		ug/L		107	59 - 121
Hexachlorobenzene	100	98.8		ug/L		99	1 - 152
Hexachlorocyclopentadiene	100	57.7		ug/L		58	5 - 120
Hexachloroethane	100	40.8		ug/L		41	40 - 113
Indeno[1,2,3-cd]pyrene	100	108		ug/L		108	1 - 171
Isophorone	100	101		ug/L		101	21 - 196
Naphthalene	100	72.7		ug/L		73	21 - 133
Nitrobenzene	100	96.2		ug/L		96	35 - 180
N-Nitrosodi-n-propylamine	100	103		ug/L		103	1 - 230
N-Nitrosodiphenylamine	100	105		ug/L		105	54 - 125
Pentachlorophenol	100	103		ug/L		103	14 - 176
Phenanthrene	100	101		ug/L		101	54 - 120
Phenol	100	41.2		ug/L		41	5 - 112
Pyrene	100	99.8		ug/L		100	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*118*		*52 - 151*
2-Fluorobiphenyl	*93*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*99*		*42 - 120*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*81*		*22 - 125*

Lab Sample ID: LCSD 480-30832/3-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	59.5		ug/L		60	44 - 142	2	34
1,2-Dichlorobenzene	100	50.3		ug/L		50	32 - 129	2	38
1,3-Dichlorobenzene	100	48.9		ug/L		49	1 - 172	3	37
1,4-Dichlorobenzene	100	52.6		ug/L		53	20 - 124	0	40
2,2'-Oxybis(1-chloropropane)	100	88.1		ug/L		88	36 - 166	2	36
2,4,6-Trichlorophenol	100	87.2		ug/L		87	37 - 144	5	20
2,4-Dichlorophenol	100	97.6		ug/L		98	39 - 135	0	23
2,4-Dimethylphenol	100	83.7		ug/L		84	32 - 119	5	18
2,4-Dinitrophenol	100	82.0		ug/L		82	1 - 191	18	29
2,4-Dinitrotoluene	100	115		ug/L		115	39 - 139	5	20
2,6-Dinitrotoluene	100	113		ug/L		113	50 - 158	4	17
2-Chloronaphthalene	100	74.6		ug/L		75	60 - 118	5	30
2-Chlorophenol	100	70.0		ug/L		70	23 - 134	4	26
2-Nitrophenol	100	94.1		ug/L		94	29 - 182	5	28
3,3'-Dichlorobenzidine	100	75.8		ug/L		76	1 - 262	2	31
4,6-Dinitro-2-methylphenol	100	96.7		ug/L		97	1 - 181	14	30
4-Bromophenyl phenyl ether	100	102		ug/L		102	53 - 127	0	16
4-Chloro-3-methylphenol	100	101		ug/L		101	22 - 147	2	16
4-Chlorophenyl phenyl ether	100	112		ug/L		112	25 - 158	7	15

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

Lab Sample ID: LCSD 480-30832/3-A
Matrix: Water
Analysis Batch: 31030

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	52.5		ug/L		53	1 - 132	3	24
Acenaphthene			100	89.3		ug/L		89	47 - 145	0	25
Acenaphthylene			100	97.2		ug/L		97	33 - 145	3	22
Anthracene			100	105		ug/L		105	27 - 133	1	15
Benzo[a]anthracene			100	97.1		ug/L		97	33 - 143	2	15
Benzo[a]pyrene			100	100		ug/L		100	17 - 163	4	15
Benzo[b]fluoranthene			100	88.2		ug/L		88	24 - 159	11	17
Benzo[g,h,i]perylene			100	118		ug/L		118	1 - 219	4	19
Benzo[k]fluoranthene			100	101		ug/L		101	11 - 162	1	19
Bis(2-chloroethoxy)methane			100	96.9		ug/L		97	33 - 184	0	23
Bis(2-chloroethyl)ether			100	82.0		ug/L		82	12 - 158	0	33
Bis(2-ethylhexyl) phthalate			100	107		ug/L		107	8 - 158	3	15
Butyl benzyl phthalate			100	114		ug/L		114	1 - 152	3	15
Chrysene			100	96.5		ug/L		97	17 - 168	3	15
Dibenz(a,h)anthracene			100	115		ug/L		115	1 - 227	7	18
Diethyl phthalate			100	109		ug/L		109	1 - 114	1	15
Dimethyl phthalate			100	96.8		ug/L		97	1 - 112	4	15
Di-n-butyl phthalate			100	109		ug/L		109	1 - 118	1	15
Di-n-octyl phthalate			100	115		ug/L		115	4 - 146	4	15
Fluoranthene			100	101		ug/L		101	26 - 137	2	15
Fluorene			100	113		ug/L		113	59 - 121	6	18
Hexachlorobenzene			100	103		ug/L		103	1 - 152	4	15
Hexachlorocyclopentadiene			100	47.0		ug/L		47	5 - 120	20	50
Hexachloroethane			100	43.6		ug/L		44	40 - 113	7	43
Indeno[1,2,3-cd]pyrene			100	111		ug/L		111	1 - 171	3	17
Isophorone			100	97.5		ug/L		98	21 - 196	3	21
Naphthalene			100	72.7		ug/L		73	21 - 133	0	31
Nitrobenzene			100	92.9		ug/L		93	35 - 180	3	27
N-Nitrosodi-n-propylamine			100	102		ug/L		102	1 - 230	1	23
N-Nitrosodiphenylamine			100	103		ug/L		103	54 - 125	2	15
Pentachlorophenol			100	104		ug/L		104	14 - 176	0	21
Phenanthrene			100	101		ug/L		101	54 - 120	1	16
Phenol			100	39.1		ug/L		39	5 - 112	5	36
Pyrene			100	97.3		ug/L		97	52 - 115	3	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 151*
2-Fluorobiphenyl	*89*		*44 - 120*
2-Fluorophenol	*52*		*17 - 120*
Nitrobenzene-d5	*95*		*42 - 120*
Phenol-d5	*37*		*10 - 120*
p-Terphenyl-d14	*81*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-30512/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 31354 — **Prep Batch: 30512**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		09/09/11 08:50	09/14/11 15:12	1

Lab Sample ID: LCS 480-30512/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 31354 — **Prep Batch: 30512**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.184		mg/L		92	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-30601/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 30684 — **Prep Batch: 30601**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/09/11 11:35	09/09/11 15:27	1

Lab Sample ID: LCS 480-30601/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 30684 — **Prep Batch: 30601**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00680		mg/L		102	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-31137/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 31229 — **Prep Batch: 31137**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/13/11 18:30	09/14/11 10:05	1

Lab Sample ID: LCS 480-31137/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 31229 — **Prep Batch: 31137**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.274		mg/L		109	90 - 110

Lab Sample ID: 480-9486-1 DU — **Client Sample ID: 001 (COMP)**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 31229 — **Prep Batch: 31137**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.23		0.200		mg/L		15	15

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

TestAmerica Job ID: 480-9486-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-30550/1
Matrix: Water
Analysis Batch: 30550

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	6.980		SU		100	99 - 101		

Lab Sample ID: 480-9486-1 DU
Matrix: Water
Analysis Batch: 30550

Client Sample ID: 001 (COMP)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.22	HF		7.230		SU				0.1	5

GC/MS VOA

Analysis Batch: 30577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	624	
480-9486-7	TB	Total/NA	Water	624	
LCS 480-30577/4	Lab Control Sample	Total/NA	Water	624	
MB 480-30577/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 30832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	625	
LCS 480-30832/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-30832/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-30832/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 31030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	625	30832
LCS 480-30832/2-A	Lab Control Sample	Total/NA	Water	625	30832
LCSD 480-30832/3-A	Lab Control Sample Dup	Total/NA	Water	625	30832
MB 480-30832/1-A	Method Blank	Total/NA	Water	625	30832

Metals

Prep Batch: 30512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	200.7	
LCS 480-30512/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-30512/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 30601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	245.1	
LCS 480-30601/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-30601/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 30684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	245.1	30601
LCS 480-30601/2-A	Lab Control Sample	Total/NA	Water	245.1	30601
MB 480-30601/1-A	Method Blank	Total/NA	Water	245.1	30601

Analysis Batch: 30790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	30512

Analysis Batch: 31354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-30512/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	30512
MB 480-30512/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	30512

QC Association Summary

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

TestAmerica Job ID: 480-9486-1

General Chemistry

Analysis Batch: 30550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
480-9486-1 DU	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
LCS 480-30550/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 31137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	Distill/CN	
480-9486-1 DU	001 (COMP)	Total/NA	Water	Distill/CN	
LCS 480-31137/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-31137/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 31229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-9486-1	001 (COMP)	Total/NA	Water	335.4	31137
480-9486-1 DU	001 (COMP)	Total/NA	Water	335.4	31137
LCS 480-31137/2-A	Lab Control Sample	Total/NA	Water	335.4	31137
MB 480-31137/1-A	Method Blank	Total/NA	Water	335.4	31137

Lab Chronicle

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

TestAmerica Job ID: 480-9486-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-9486-1

Date Collected: 09/07/11 14:15

Matrix: Water

Date Received: 09/08/11 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	30577	09/09/11 18:45	TRB	TAL BUF
Total/NA	Prep	625			30832	09/12/11 10:26	KV	TAL BUF
Total/NA	Analysis	625		1	31030	09/14/11 00:45	RMM	TAL BUF
Total/NA	Prep	245.1			30601	09/09/11 11:35	MM	TAL BUF
Total/NA	Analysis	245.1		1	30684	09/09/11 15:32	MM	TAL BUF
Total/NA	Prep	200.7			30512	09/09/11 08:50	JM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	30790	09/09/11 19:13	LH	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	30550	09/09/11 00:35	ES	TAL BUF
Total/NA	Prep	Distill/CN			31137	09/13/11 18:30	ML	TAL BUF
Total/NA	Analysis	335.4		1	31229	09/14/11 10:07	LRM	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-9486-7

Date Collected: 09/07/11 00:00

Matrix: Water

Date Received: 09/08/11 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	30577	09/09/11 19:11	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: 480-9486-1

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	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
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	West Virginia	West Virginia DEP	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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-9486-1

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: 480-9486-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-9486-1	001 (COMP)	Water	09/07/11 14:15	09/08/11 12:45
480-9486-7	TB	Water	09/07/11 00:00	09/08/11 12:45

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-15250-1280.1
Client Contact: Mr. Brent Miller	Phone: 484-645-2301	E Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc		Analysis Requested		Job #:
Address: 158 Sonwil Drive	Due Date 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)
City: Cheektowaga	TAT Requested (days): Standard			
State, Zip: NY, 14225	PO #: 0901204-15-220			
Phone: 484-325-0280(Tel)	WO #:			Other:
Email: bmiller@gasonline.com	Project #: 48002463			
Project Name: Bristol Myers Squibb Monthly	SSOW#:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7, 245.1	624, 6 mil - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	B	N		
001	9-7-11	0800	G	Water			X	X	X	X	X		Comp. Samples at Lab befor running
001	9-7-11	1000	G	Water			X	X	X	X	X		
001	9-7-11	1200	G	Water			X	X	X	X	X		
001	9-7-11	1415	G	water			X	X	X	X	X		
Trip Blank													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Brent Miller	9-7-11 1500	GES		09-08-11 12:25	BFLO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
	09-08-11 12:45	BFLO		9/8/11 1245	TMV
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.3

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-9486-1

Login Number: 9486

List Number: 1

Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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 COMP
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	

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: 480-11390-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Melissa Deyo

Authorized for release by:
10/29/2011 09:27:25 AM
Melissa Deyo
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Designee for

Denise Giglia
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
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
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)

Job ID: 480-11390-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-11390-1

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 10/25/11 as requested on the chain-of-custody: 001 (COMP) (480-11390-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The method blank for preparation batch 36082 contained 1,3-Dichlorobenzene and 1,4-Dichlorobenzene 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 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: 001 (COMP) (480-11390-1).

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-11390-1

Client Sample ID: 001 (COMP) — Lab Sample ID: 480-11390-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	0.84	J B	9.7	0.067	ug/L	1		625	Total/NA
Benzo[a]anthracene	0.30	J	4.9	0.042	ug/L	1		625	Total/NA
Chrysene	0.26	J	4.9	0.035	ug/L	1		625	Total/NA
Fluoranthene	0.24	J	4.9	0.11	ug/L	1		625	Total/NA
Pyrene	0.34	J	4.9	0.040	ug/L	1		625	Total/NA
Zinc	0.0064	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.0057	J	0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.76	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-11390-7

No Detections

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

TestAmerica Job ID: 480-11390-1

Client Sample ID: 001 (COMP)
Date Collected: 10/18/11 14:00
Date Received: 10/18/11 14:35

Lab Sample ID: 480-11390-1
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			10/26/11 02:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/26/11 02:15	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/26/11 02:15	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/26/11 02:15	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/26/11 02:15	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/26/11 02:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/26/11 02:15	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/26/11 02:15	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/26/11 02:15	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/26/11 02:15	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/26/11 02:15	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/26/11 02:15	1
Acrolein	ND		100	17	ug/L			10/26/11 02:15	1
Acrylonitrile	ND		25	1.9	ug/L			10/26/11 02:15	1
Benzene	ND		5.0	0.60	ug/L			10/26/11 02:15	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/26/11 02:15	1
Bromoform	ND		5.0	0.47	ug/L			10/26/11 02:15	1
Bromomethane	ND		5.0	1.2	ug/L			10/26/11 02:15	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/26/11 02:15	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/26/11 02:15	1
Chloroethane	ND		5.0	0.87	ug/L			10/26/11 02:15	1
Chloroform	ND		5.0	0.54	ug/L			10/26/11 02:15	1
Chloromethane	ND		5.0	0.64	ug/L			10/26/11 02:15	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/26/11 02:15	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/26/11 02:15	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			10/26/11 02:15	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/26/11 02:15	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/26/11 02:15	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/26/11 02:15	1
Toluene	ND		5.0	0.45	ug/L			10/26/11 02:15	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/26/11 02:15	1
Trichloroethene	ND		5.0	0.60	ug/L			10/26/11 02:15	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/26/11 02:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/26/11 02:15	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*10/26/11 02:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*10/26/11 02:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*10/26/11 02:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.7	0.48	ug/L		10/19/11 08:35	10/20/11 02:49	1
1,2-Dichlorobenzene	ND		9.7	0.14	ug/L		10/19/11 08:35	10/20/11 02:49	1
1,2-Diphenylhydrazine	ND		9.7	0.061	ug/L		10/19/11 08:35	10/20/11 02:49	1
1,3-Dichlorobenzene	**0.84**	**J B**	9.7	0.067	ug/L		10/19/11 08:35	10/20/11 02:49	1
1,4-Dichlorobenzene	ND		9.7	0.087	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,2'-Oxybis(1-chloropropane)	ND		4.9	0.083	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,4,6-Trichlorophenol	ND		4.9	0.23	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,4-Dichlorophenol	ND		4.9	0.29	ug/L		10/19/11 08:35	10/20/11 02:49	1

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

TestAmerica Job ID: 480-11390-1

Client Sample ID: 001 (COMP)
Date Collected: 10/18/11 14:00
Date Received: 10/18/11 14:35

Lab Sample ID: 480-11390-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		4.9	0.13	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,4-Dinitrophenol	ND		9.7	0.81	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,4-Dinitrotoluene	ND		4.9	0.26	ug/L		10/19/11 08:35	10/20/11 02:49	1
2,6-Dinitrotoluene	ND		4.9	0.70	ug/L		10/19/11 08:35	10/20/11 02:49	1
2-Chloronaphthalene	ND		4.9	0.066	ug/L		10/19/11 08:35	10/20/11 02:49	1
2-Chlorophenol	ND		4.9	0.15	ug/L		10/19/11 08:35	10/20/11 02:49	1
2-Nitrophenol	ND		4.9	0.14	ug/L		10/19/11 08:35	10/20/11 02:49	1
3,3'-Dichlorobenzidine	ND		4.9	0.80	ug/L		10/19/11 08:35	10/20/11 02:49	1
4,6-Dinitro-2-methylphenol	ND		9.7	0.74	ug/L		10/19/11 08:35	10/20/11 02:49	1
4-Bromophenyl phenyl ether	ND		4.9	0.11	ug/L		10/19/11 08:35	10/20/11 02:49	1
4-Chloro-3-methylphenol	ND		4.9	0.54	ug/L		10/19/11 08:35	10/20/11 02:49	1
4-Chlorophenyl phenyl ether	ND		4.9	0.20	ug/L		10/19/11 08:35	10/20/11 02:49	1
4-Nitrophenol	ND		9.7	1.3	ug/L		10/19/11 08:35	10/20/11 02:49	1
Acenaphthene	ND		4.9	0.058	ug/L		10/19/11 08:35	10/20/11 02:49	1
Acenaphthylene	ND		4.9	0.033	ug/L		10/19/11 08:35	10/20/11 02:49	1
Anthracene	ND		4.9	0.051	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzidine	ND	*	78	2.4	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzo[a]anthracene	**0.30**	**J**	4.9	0.042	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzo[a]pyrene	ND		4.9	0.056	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzo[b]fluoranthene	ND		4.9	0.060	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzo[g,h,i]perylene	ND		4.9	0.097	ug/L		10/19/11 08:35	10/20/11 02:49	1
Benzo[k]fluoranthene	ND		4.9	0.041	ug/L		10/19/11 08:35	10/20/11 02:49	1
Bis(2-chloroethoxy)methane	ND		4.9	0.082	ug/L		10/19/11 08:35	10/20/11 02:49	1
Bis(2-chloroethyl)ether	ND		4.9	1.1	ug/L		10/19/11 08:35	10/20/11 02:49	1
Bis(2-ethylhexyl) phthalate	ND		9.7	0.84	ug/L		10/19/11 08:35	10/20/11 02:49	1
Butyl benzyl phthalate	ND		4.9	1.3	ug/L		10/19/11 08:35	10/20/11 02:49	1
Chrysene	**0.26**	**J**	4.9	0.035	ug/L		10/19/11 08:35	10/20/11 02:49	1
Decane	ND		9.7	1.5	ug/L		10/19/11 08:35	10/20/11 02:49	1
Dibenz(a,h)anthracene	ND		4.9	0.054	ug/L		10/19/11 08:35	10/20/11 02:49	1
Diethyl phthalate	ND		4.9	0.17	ug/L		10/19/11 08:35	10/20/11 02:49	1
Dimethyl phthalate	ND		4.9	0.16	ug/L		10/19/11 08:35	10/20/11 02:49	1
Di-n-butyl phthalate	ND		4.9	0.91	ug/L		10/19/11 08:35	10/20/11 02:49	1
Di-n-octyl phthalate	ND		4.9	4.3	ug/L		10/19/11 08:35	10/20/11 02:49	1
Fluoranthene	**0.24**	**J**	4.9	0.11	ug/L		10/19/11 08:35	10/20/11 02:49	1
Fluorene	ND		4.9	0.041	ug/L		10/19/11 08:35	10/20/11 02:49	1
Hexachlorobenzene	ND		4.9	0.27	ug/L		10/19/11 08:35	10/20/11 02:49	1
Hexachlorobutadiene	ND		4.9	0.60	ug/L		10/19/11 08:35	10/20/11 02:49	1
Hexachlorocyclopentadiene	ND		4.9	0.44	ug/L		10/19/11 08:35	10/20/11 02:49	1
Hexachloroethane	ND		4.9	0.47	ug/L		10/19/11 08:35	10/20/11 02:49	1
Indeno[1,2,3-cd]pyrene	ND		4.9	0.18	ug/L		10/19/11 08:35	10/20/11 02:49	1
Isophorone	ND		4.9	0.15	ug/L		10/19/11 08:35	10/20/11 02:49	1
Naphthalene	ND		4.9	0.078	ug/L		10/19/11 08:35	10/20/11 02:49	1
Nitrobenzene	ND		4.9	0.11	ug/L		10/19/11 08:35	10/20/11 02:49	1
N-Nitrosodimethylamine	ND		9.7	0.93	ug/L		10/19/11 08:35	10/20/11 02:49	1
N-Nitrosodi-n-propylamine	ND		4.9	0.22	ug/L		10/19/11 08:35	10/20/11 02:49	1
N-Nitrosodiphenylamine	ND		4.9	0.38	ug/L		10/19/11 08:35	10/20/11 02:49	1
n-Octadecane	ND		9.7	0.68	ug/L		10/19/11 08:35	10/20/11 02:49	1
Pentachlorophenol	ND		9.7	0.40	ug/L		10/19/11 08:35	10/20/11 02:49	1
Phenanthrene	ND		4.9	0.069	ug/L		10/19/11 08:35	10/20/11 02:49	1
Phenol	ND		4.9	0.12	ug/L		10/19/11 08:35	10/20/11 02:49	1

Client Sample ID: 001 (COMP)

Date Collected: 10/18/11 14:00
Date Received: 10/18/11 14:35

Lab Sample ID: 480-11390-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.34	J	4.9	0.040	ug/L		10/19/11 08:35	10/20/11 02:49	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*52 - 151*	*10/19/11 08:35*	*10/20/11 02:49*	*1*
2-Fluorobiphenyl	*74*		*44 - 120*	*10/19/11 08:35*	*10/20/11 02:49*	*1*
2-Fluorophenol	*36*		*17 - 120*	*10/19/11 08:35*	*10/20/11 02:49*	*1*
Nitrobenzene-d5	*69*		*42 - 120*	*10/19/11 08:35*	*10/20/11 02:49*	*1*
Phenol-d5	*26*		*10 - 120*	*10/19/11 08:35*	*10/20/11 02:49*	*1*
p-Terphenyl-d14	*68*		*22 - 125*	*10/19/11 08:35*	*10/20/11 02:49*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0064	J	0.010	0.0017	mg/L		10/19/11 09:20	10/19/11 18:55	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		10/20/11 12:00	10/20/11 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0057	J	0.010	0.0050	mg/L		10/24/11 13:17	10/25/11 10:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.76	HF	0.100	0.100	SU			10/19/11 00:20	1

Client Sample ID: TB

Date Collected: 10/18/11 00:00
Date Received: 10/18/11 14:35

Lab Sample ID: 480-11390-7
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			10/26/11 02:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/26/11 02:38	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/26/11 02:38	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/26/11 02:38	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/26/11 02:38	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/26/11 02:38	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/26/11 02:38	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/26/11 02:38	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/26/11 02:38	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/26/11 02:38	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/26/11 02:38	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/26/11 02:38	1
Acrolein	ND		100	17	ug/L			10/26/11 02:38	1
Acrylonitrile	ND		25	1.9	ug/L			10/26/11 02:38	1
Benzene	ND		5.0	0.60	ug/L			10/26/11 02:38	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/26/11 02:38	1
Bromoform	ND		5.0	0.47	ug/L			10/26/11 02:38	1
Bromomethane	ND		5.0	1.2	ug/L			10/26/11 02:38	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/26/11 02:38	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/26/11 02:38	1

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

TestAmerica Job ID: 480-11390-1

Client Sample ID: TB
Date Collected: 10/18/11 00:00
Date Received: 10/18/11 14:35

Lab Sample ID: 480-11390-7
Matrix: Water

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			10/26/11 02:38	1
Chloroform	ND		5.0	0.54	ug/L			10/26/11 02:38	1
Chloromethane	ND		5.0	0.64	ug/L			10/26/11 02:38	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/26/11 02:38	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/26/11 02:38	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			10/26/11 02:38	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/26/11 02:38	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/26/11 02:38	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/26/11 02:38	1
Toluene	ND		5.0	0.45	ug/L			10/26/11 02:38	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/26/11 02:38	1
Trichloroethene	ND		5.0	0.60	ug/L			10/26/11 02:38	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/26/11 02:38	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/26/11 02:38	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*10/26/11 02:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*		*10/26/11 02:38*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*10/26/11 02:38*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-11390-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-11390-1	001 (COMP)	107	99	101
480-11390-7	TB	106	98	98
LCS 480-37153/4	Lab Control Sample	103	101	100
MB 480-37153/5	Method Blank	103	99	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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-11390-1	001 (COMP)	106	74	36	69	26	68
LCS 480-36082/2-A	Lab Control Sample	109	83	43	80	33	92
LCSD 480-36082/3-A	Lab Control Sample Dup	121	85	49	81	36	111
MB 480-36082/1-A	Method Blank	124	98	59	100	46	116

Surrogate Legend

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

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

TestAmerica Job ID: 480-11390-1

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

Lab Sample ID: MB 480-37153/5
Matrix: Water
Analysis Batch: 37153

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			10/25/11 16:13	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/25/11 16:13	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/25/11 16:13	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/25/11 16:13	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/25/11 16:13	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/25/11 16:13	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/25/11 16:13	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/25/11 16:13	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/25/11 16:13	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/25/11 16:13	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/25/11 16:13	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/25/11 16:13	1
Acrolein	ND		100	17	ug/L			10/25/11 16:13	1
Acrylonitrile	ND		25	1.9	ug/L			10/25/11 16:13	1
Benzene	ND		5.0	0.60	ug/L			10/25/11 16:13	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/25/11 16:13	1
Bromoform	ND		5.0	0.47	ug/L			10/25/11 16:13	1
Bromomethane	ND		5.0	1.2	ug/L			10/25/11 16:13	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/25/11 16:13	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/25/11 16:13	1
Chloroethane	ND		5.0	0.87	ug/L			10/25/11 16:13	1
Chloroform	ND		5.0	0.54	ug/L			10/25/11 16:13	1
Chloromethane	ND		5.0	0.64	ug/L			10/25/11 16:13	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/25/11 16:13	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/25/11 16:13	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			10/25/11 16:13	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/25/11 16:13	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/25/11 16:13	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/25/11 16:13	1
Toluene	ND		5.0	0.45	ug/L			10/25/11 16:13	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/25/11 16:13	1
Trichloroethene	ND		5.0	0.60	ug/L			10/25/11 16:13	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/25/11 16:13	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/25/11 16:13	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*10/25/11 16:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*10/25/11 16:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*10/25/11 16:13*	*1*

Lab Sample ID: LCS 480-37153/4
Matrix: Water
Analysis Batch: 37153

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	21.3		ug/L		107	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	61 - 140
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	71 - 129
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 128

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

Lab Sample ID: LCS 480-37153/4
Matrix: Water
Analysis Batch: 37153

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	18.8		ug/L		94	51 - 150
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	63 - 137
1,2-Dichloroethane	20.0	20.4		ug/L		102	68 - 132
1,2-Dichloropropane	20.0	19.5		ug/L		98	34 - 166
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	73 - 127
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	63 - 137
2-Chloroethyl vinyl ether	100	100		ug/L		100	1 - 224
Benzene	20.0	19.6		ug/L		98	64 - 136
Bromodichloromethane	20.0	20.0		ug/L		100	66 - 135
Bromoform	20.0	18.9		ug/L		95	71 - 129
Bromomethane	20.0	26.4		ug/L		132	14 - 186
Carbon tetrachloride	20.0	21.1		ug/L		106	73 - 127
Chlorobenzene	20.0	20.3		ug/L		102	66 - 134
Chloroethane	20.0	20.5		ug/L		103	38 - 162
Chloroform	20.0	20.0		ug/L		100	68 - 133
Chloromethane	20.0	23.9		ug/L		120	1 - 204
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	24 - 176
Dibromochloromethane	20.0	20.1		ug/L		101	68 - 133
Ethylbenzene	20.0	20.1		ug/L		101	59 - 141
Methylene Chloride	20.0	19.2		ug/L		96	61 - 140
Tetrachloroethene	20.0	20.5		ug/L		103	74 - 127
Toluene	20.0	19.8		ug/L		99	75 - 126
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	50 - 150
Trichloroethene	20.0	19.4		ug/L		97	67 - 134
Trichlorofluoromethane	20.0	23.3		ug/L		117	48 - 152
Vinyl chloride	20.0	22.3		ug/L		112	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*101*		*69 - 121*
Toluene-d8 (Surr)	*100*		*70 - 123*

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

Lab Sample ID: MB 480-36082/1-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		10/19/11 08:35	10/19/11 23:17	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		10/19/11 08:35	10/19/11 23:17	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		10/19/11 08:35	10/19/11 23:17	1
1,3-Dichlorobenzene	1.72	J	10	0.069	ug/L		10/19/11 08:35	10/19/11 23:17	1
1,4-Dichlorobenzene	1.64	J	10	0.090	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		10/19/11 08:35	10/19/11 23:17	1

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

Lab Sample ID: MB 480-36082/1-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		10/19/11 08:35	10/19/11 23:17	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		10/19/11 08:35	10/19/11 23:17	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		10/19/11 08:35	10/19/11 23:17	1
2-Chlorophenol	ND		5.0	0.16	ug/L		10/19/11 08:35	10/19/11 23:17	1
2-Nitrophenol	ND		5.0	0.14	ug/L		10/19/11 08:35	10/19/11 23:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		10/19/11 08:35	10/19/11 23:17	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		10/19/11 08:35	10/19/11 23:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		10/19/11 08:35	10/19/11 23:17	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		10/19/11 08:35	10/19/11 23:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		10/19/11 08:35	10/19/11 23:17	1
4-Nitrophenol	ND		10	1.3	ug/L		10/19/11 08:35	10/19/11 23:17	1
Acenaphthene	ND		5.0	0.060	ug/L		10/19/11 08:35	10/19/11 23:17	1
Acenaphthylene	ND		5.0	0.034	ug/L		10/19/11 08:35	10/19/11 23:17	1
Anthracene	ND		5.0	0.052	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzidine	ND		80	2.5	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		10/19/11 08:35	10/19/11 23:17	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		10/19/11 08:35	10/19/11 23:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		10/19/11 08:35	10/19/11 23:17	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		10/19/11 08:35	10/19/11 23:17	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		10/19/11 08:35	10/19/11 23:17	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		10/19/11 08:35	10/19/11 23:17	1
Chrysene	ND		5.0	0.036	ug/L		10/19/11 08:35	10/19/11 23:17	1
Decane	ND		10	1.6	ug/L		10/19/11 08:35	10/19/11 23:17	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		10/19/11 08:35	10/19/11 23:17	1
Diethyl phthalate	ND		5.0	0.17	ug/L		10/19/11 08:35	10/19/11 23:17	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		10/19/11 08:35	10/19/11 23:17	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		10/19/11 08:35	10/19/11 23:17	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		10/19/11 08:35	10/19/11 23:17	1
Fluoranthene	ND		5.0	0.11	ug/L		10/19/11 08:35	10/19/11 23:17	1
Fluorene	ND		5.0	0.043	ug/L		10/19/11 08:35	10/19/11 23:17	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		10/19/11 08:35	10/19/11 23:17	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		10/19/11 08:35	10/19/11 23:17	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		10/19/11 08:35	10/19/11 23:17	1
Hexachloroethane	ND		5.0	0.48	ug/L		10/19/11 08:35	10/19/11 23:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		10/19/11 08:35	10/19/11 23:17	1
Isophorone	ND		5.0	0.16	ug/L		10/19/11 08:35	10/19/11 23:17	1
Naphthalene	ND		5.0	0.080	ug/L		10/19/11 08:35	10/19/11 23:17	1
Nitrobenzene	ND		5.0	0.11	ug/L		10/19/11 08:35	10/19/11 23:17	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		10/19/11 08:35	10/19/11 23:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		10/19/11 08:35	10/19/11 23:17	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		10/19/11 08:35	10/19/11 23:17	1
n-Octadecane	ND		10	0.70	ug/L		10/19/11 08:35	10/19/11 23:17	1
Pentachlorophenol	ND		10	0.41	ug/L		10/19/11 08:35	10/19/11 23:17	1
Phenanthrene	ND		5.0	0.071	ug/L		10/19/11 08:35	10/19/11 23:17	1
Phenol	ND		5.0	0.12	ug/L		10/19/11 08:35	10/19/11 23:17	1
Pyrene	ND		5.0	0.041	ug/L		10/19/11 08:35	10/19/11 23:17	1

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

Lab Sample ID: MB 480-36082/1-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36082

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	124		52 - 151	10/19/11 08:35	10/19/11 23:17	1
2-Fluorobiphenyl	98		44 - 120	10/19/11 08:35	10/19/11 23:17	1
2-Fluorophenol	59		17 - 120	10/19/11 08:35	10/19/11 23:17	1
Nitrobenzene-d5	100		42 - 120	10/19/11 08:35	10/19/11 23:17	1
Phenol-d5	46		10 - 120	10/19/11 08:35	10/19/11 23:17	1
p-Terphenyl-d14	116		22 - 125	10/19/11 08:35	10/19/11 23:17	1

Lab Sample ID: LCS 480-36082/2-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	58.0		ug/L		58	44 - 142
1,2-Dichlorobenzene	100	52.9		ug/L		53	32 - 129
1,3-Dichlorobenzene	100	49.4		ug/L		49	1 - 172
1,4-Dichlorobenzene	100	49.6		ug/L		50	20 - 124
2,2'-Oxybis(1-chloropropane)	100	72.1		ug/L		72	36 - 166
2,4,6-Trichlorophenol	100	90.0		ug/L		90	37 - 144
2,4-Dichlorophenol	100	82.7		ug/L		83	39 - 135
2,4-Dimethylphenol	100	85.2		ug/L		85	32 - 119
2,4-Dinitrophenol	100	56.0		ug/L		56	1 - 191
2,4-Dinitrotoluene	100	103		ug/L		103	39 - 139
2,6-Dinitrotoluene	100	103		ug/L		103	50 - 158
2-Chloronaphthalene	100	75.2		ug/L		75	60 - 118
2-Chlorophenol	100	64.7		ug/L		65	23 - 134
2-Nitrophenol	100	81.8		ug/L		82	29 - 182
3,3'-Dichlorobenzidine	100	58.1		ug/L		58	1 - 262
4,6-Dinitro-2-methylphenol	100	89.0		ug/L		89	1 - 181
4-Bromophenyl phenyl ether	100	90.6		ug/L		91	53 - 127
4-Chloro-3-methylphenol	100	96.4		ug/L		96	22 - 147
4-Chlorophenyl phenyl ether	100	94.8		ug/L		95	25 - 158
4-Nitrophenol	100	62.2		ug/L		62	1 - 132
Acenaphthene	100	85.4		ug/L		85	47 - 145
Acenaphthylene	100	91.2		ug/L		91	33 - 145
Anthracene	100	95.5		ug/L		96	27 - 133
Benzo[a]anthracene	100	98.3		ug/L		98	33 - 143
Benzo[a]pyrene	100	97.7		ug/L		98	17 - 163
Benzo[b]fluoranthene	100	87.2		ug/L		87	24 - 159
Benzo[g,h,i]perylene	100	88.7		ug/L		89	1 - 219
Benzo[k]fluoranthene	100	93.5		ug/L		94	11 - 162
Bis(2-chloroethoxy)methane	100	82.8		ug/L		83	33 - 184
Bis(2-chloroethyl)ether	100	73.1		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	100	90.7		ug/L		91	8 - 158
Butyl benzyl phthalate	100	92.9		ug/L		93	1 - 152
Chrysene	100	96.8		ug/L		97	17 - 168
Dibenz(a,h)anthracene	100	91.0		ug/L		91	1 - 227
Diethyl phthalate	100	101		ug/L		101	1 - 114
Dimethyl phthalate	100	95.8		ug/L		96	1 - 112
Di-n-butyl phthalate	100	98.5		ug/L		99	1 - 118

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

Lab Sample ID: LCS 480-36082/2-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	105		ug/L		105	4 - 146
Fluoranthene	100	93.7		ug/L		94	26 - 137
Fluorene	100	95.8		ug/L		96	59 - 121
Hexachlorobenzene	100	88.0		ug/L		88	1 - 152
Hexachlorocyclopentadiene	100	35.6		ug/L		36	5 - 120
Hexachloroethane	100	45.5		ug/L		46	40 - 113
Indeno[1,2,3-cd]pyrene	100	87.4		ug/L		87	1 - 171
Isophorone	100	87.9		ug/L		88	21 - 196
Naphthalene	100	67.6		ug/L		68	21 - 133
Nitrobenzene	100	81.5		ug/L		82	35 - 180
N-Nitrosodi-n-propylamine	100	83.8		ug/L		84	1 - 230
N-Nitrosodiphenylamine	100	94.1		ug/L		94	54 - 125
Pentachlorophenol	100	90.5		ug/L		91	14 - 176
Phenanthrene	100	95.2		ug/L		95	54 - 120
Phenol	100	34.5		ug/L		35	5 - 112
Pyrene	100	93.3		ug/L		93	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 151*
2-Fluorobiphenyl	*83*		*44 - 120*
2-Fluorophenol	*43*		*17 - 120*
Nitrobenzene-d5	*80*		*42 - 120*
Phenol-d5	*33*		*10 - 120*
p-Terphenyl-d14	*92*		*22 - 125*

Lab Sample ID: LCSD 480-36082/3-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	52.0		ug/L		52	44 - 142	11	34
1,2-Dichlorobenzene	100	49.7		ug/L		50	32 - 129	6	38
1,3-Dichlorobenzene	100	46.4		ug/L		46	1 - 172	6	37
1,4-Dichlorobenzene	100	44.8		ug/L		45	20 - 124	10	40
2,2'-Oxybis(1-chloropropane)	100	72.5		ug/L		73	36 - 166	1	36
2,4,6-Trichlorophenol	100	99.6		ug/L		100	37 - 144	10	20
2,4-Dichlorophenol	100	94.4		ug/L		94	39 - 135	13	23
2,4-Dimethylphenol	100	99.9		ug/L		100	32 - 119	16	18
2,4-Dinitrophenol	100	66.0		ug/L		66	1 - 191	16	29
2,4-Dinitrotoluene	100	108		ug/L		108	39 - 139	4	20
2,6-Dinitrotoluene	100	109		ug/L		109	50 - 158	5	17
2-Chloronaphthalene	100	72.9		ug/L		73	60 - 118	3	30
2-Chlorophenol	100	74.6		ug/L		75	23 - 134	14	26
2-Nitrophenol	100	87.9		ug/L		88	29 - 182	7	28
3,3'-Dichlorobenzidine	100	67.4		ug/L		67	1 - 262	15	31
4,6-Dinitro-2-methylphenol	100	105		ug/L		105	1 - 181	16	30
4-Bromophenyl phenyl ether	100	99.8		ug/L		100	53 - 127	10	16
4-Chloro-3-methylphenol	100	113		ug/L		113	22 - 147	16	16
4-Chlorophenyl phenyl ether	100	97.4		ug/L		97	25 - 158	3	15

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

Lab Sample ID: LCSD 480-36082/3-A
Matrix: Water
Analysis Batch: 36107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36082

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	74.0		ug/L		74	1 - 132	17	24
Acenaphthene			100	89.0		ug/L		89	47 - 145	4	25
Acenaphthylene			100	94.3		ug/L		94	33 - 145	3	22
Anthracene			100	107		ug/L		107	27 - 133	11	15
Benzo[a]anthracene			100	107		ug/L		107	33 - 143	8	15
Benzo[a]pyrene			100	108		ug/L		108	17 - 163	10	15
Benzo[b]fluoranthene			100	93.2		ug/L		93	24 - 159	7	17
Benzo[g,h,i]perylene			100	97.7		ug/L		98	1 - 219	10	19
Benzo[k]fluoranthene			100	106		ug/L		106	11 - 162	12	19
Bis(2-chloroethoxy)methane			100	86.1		ug/L		86	33 - 184	4	23
Bis(2-chloroethyl)ether			100	74.2		ug/L		74	12 - 158	1	33
Bis(2-ethylhexyl) phthalate			100	99.6		ug/L		100	8 - 158	9	15
Butyl benzyl phthalate			100	102		ug/L		102	1 - 152	9	15
Chrysene			100	105		ug/L		105	17 - 168	8	15
Dibenz(a,h)anthracene			100	101		ug/L		101	1 - 227	10	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	109		ug/L		109	1 - 118	10	15
Di-n-octyl phthalate			100	114		ug/L		114	4 - 146	8	15
Fluoranthene			100	104		ug/L		104	26 - 137	10	15
Fluorene			100	102		ug/L		102	59 - 121	6	18
Hexachlorobenzene			100	99.4		ug/L		99	1 - 152	12	15
Hexachlorocyclopentadiene			100	35.5		ug/L		36	5 - 120	0	50
Hexachloroethane			100	43.7		ug/L		44	40 - 113	4	43
Indeno[1,2,3-cd]pyrene			100	97.2		ug/L		97	1 - 171	11	17
Isophorone			100	92.5		ug/L		93	21 - 196	5	21
Naphthalene			100	64.5		ug/L		65	21 - 133	5	31
Nitrobenzene			100	82.9		ug/L		83	35 - 180	2	27
N-Nitrosodi-n-propylamine			100	87.6		ug/L		88	1 - 230	4	23
N-Nitrosodiphenylamine			100	108		ug/L		108	54 - 125	13	15
Pentachlorophenol			100	103		ug/L		103	14 - 176	13	21
Phenanthrene			100	105		ug/L		105	54 - 120	10	16
Phenol			100	40.5		ug/L		41	5 - 112	16	36
Pyrene			100	102		ug/L		102	52 - 115	9	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*
2-Fluorobiphenyl	*85*		*44 - 120*
2-Fluorophenol	*49*		*17 - 120*
Nitrobenzene-d5	*81*		*42 - 120*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*111*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-36080/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36369 — **Prep Batch: 36080**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		10/19/11 09:20	10/20/11 08:44	1

Lab Sample ID: LCS 480-36080/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36317 — **Prep Batch: 36080**

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 480-36346/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36457 — **Prep Batch: 36346**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/20/11 12:00	10/20/11 14:56	1

Lab Sample ID: LCS 480-36346/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36457 — **Prep Batch: 36346**

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 480-36957/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 37137 — **Prep Batch: 36957**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/24/11 13:17	10/25/11 10:23	1

Lab Sample ID: LCS 480-36957/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 37137 — **Prep Batch: 36957**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.245		mg/L		98	90 - 110

Lab Sample ID: 480-11390-1 MS — **Client Sample ID: 001 (COMP)**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 37137 — **Prep Batch: 36957**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0057	J	0.100	0.108		mg/L		102	85 - 115

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

TestAmerica Job ID: 480-11390-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-36041/1
Matrix: Water
Analysis Batch: 36041

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	7.020		SU		100	99 - 101		

QC Association Summary

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

TestAmerica Job ID: 480-11390-1

GC/MS VOA

Analysis Batch: 37153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	624	
480-11390-7	TB	Total/NA	Water	624	
LCS 480-37153/4	Lab Control Sample	Total/NA	Water	624	
MB 480-37153/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 36082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	625	
LCS 480-36082/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-36082/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-36082/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 36107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	625	36082
LCS 480-36082/2-A	Lab Control Sample	Total/NA	Water	625	36082
LCSD 480-36082/3-A	Lab Control Sample Dup	Total/NA	Water	625	36082
MB 480-36082/1-A	Method Blank	Total/NA	Water	625	36082

Metals

Prep Batch: 36080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	200.7	
LCS 480-36080/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-36080/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 36317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	36080
LCS 480-36080/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	36080

Prep Batch: 36346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	245.1	
LCS 480-36346/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-36346/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 36369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-36080/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	36080

Analysis Batch: 36457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	245.1	36346
LCS 480-36346/2-A	Lab Control Sample	Total/NA	Water	245.1	36346
MB 480-36346/1-A	Method Blank	Total/NA	Water	245.1	36346

QC Association Summary

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

TestAmerica Job ID: 480-11390-1

General Chemistry

Analysis Batch: 36041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
LCS 480-36041/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 36957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	Distill/CN	
480-11390-1 MS	001 (COMP)	Total/NA	Water	Distill/CN	
LCS 480-36957/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-36957/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 37137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-11390-1	001 (COMP)	Total/NA	Water	335.4	36957
480-11390-1 MS	001 (COMP)	Total/NA	Water	335.4	36957
LCS 480-36957/1-A	Lab Control Sample	Total/NA	Water	335.4	36957
MB 480-36957/2-A	Method Blank	Total/NA	Water	335.4	36957

Lab Chronicle

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

TestAmerica Job ID: 480-11390-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-11390-1

Date Collected: 10/18/11 14:00

Matrix: Water

Date Received: 10/18/11 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	37153	10/26/11 02:15	TRB	TAL BUF
Total/NA	Prep	625			36082	10/19/11 08:35	TR	TAL BUF
Total/NA	Analysis	625		1	36107	10/20/11 02:49	RMM	TAL BUF
Total/NA	Prep	200.7			36080	10/19/11 09:20	JM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	36317	10/19/11 18:55	LH	TAL BUF
Total/NA	Prep	245.1			36346	10/20/11 12:00	MM	TAL BUF
Total/NA	Analysis	245.1		1	36457	10/20/11 15:11	MM	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	36041	10/19/11 00:20	ES	TAL BUF
Total/NA	Prep	Distill/CN			36957	10/24/11 13:17	JR	TAL BUF
Total/NA	Analysis	335.4		1	37137	10/25/11 10:37	JR	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-11390-7

Date Collected: 10/18/11 00:00

Matrix: Water

Date Received: 10/18/11 14:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	37153	10/26/11 02:38	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: 480-11390-1

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: 480-11390-1

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: 480-11390-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-11390-1	001 (COMP)	Water	10/18/11 14:00	10/18/11 14:35
480-11390-7	TB	Water	10/18/11 00:00	10/18/11 14:35

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-15250-1280.1
Client Contact: Mr. Brent Miller	Phone: 1-800-287-7857	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:
Address: 159 Sonwil Drive	Due Date Requested:	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:
City: Cheektowaga	TAT Requested (days): Standard			
State, Zip: NY, 14225	PO #: 0901204-15-220			
Phone: 484-325-0280(Tel)	WO #:			
Email: bmiller@gesonline.com	Project #: 48002463			
Project Name: Bristol Myers Squibb Monthly	SSOW#:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/Waste, Air, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7, 245.1	624, 5ml - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - BNA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	B	N		
001	10-18-11	0800	G	Water			X	X	X	X	X		Comp. Samples at Lab befor running
001	10-18-11	1000	G	Water			X	X	X	X	X		
001	10-18-11	1200	G	water			X	X	X	X	X		
001	10-18-11	1400	G	water			X	X	X	X	X		
Trip Blank													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Brent Miller	Date/Time: 10-18-11 1435	Company: GES	Received by:	Date/Time: 10/18/11 1435	Company: TAL
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.5°

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-11390-1

Login Number: 11390

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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	

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: 480-12690-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Melissa Deyo

Authorized for release by:
11/30/2011 7:35:32 AM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Definitions/Glossary

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

TestAmerica Job ID: 480-12690-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and 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.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time

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
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)

Job ID: 480-12690-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-12690-1

Receipt
Method 200.7 Rev 4.4: The following sample was received unpreserved and was preserved upon receipt to the laboratory: 001 (COMP) (480-12690-1). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

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 11/15/11 as requested on the chain-of-custody: 001 (COMP) (480-12690-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The method blank for preparation batch 40466 contained Di-n-Butyl phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL).

Method 625: The laboratory control sample (LCS) for preparation batch 40466 exceeded control limits for the following analytes: 1,2,4-Trichlorobenzene and Hexachloroethane. The sample was re-extracted outside of holding time and re-analyzed. Both sets of data have been reported.

Method 625: The relative percent difference (RPD) of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 40466 exceeded control limits for multiple analytes. The data has been qualified and reported.

Method 625: The method blank for preparation batch 41380 contained several 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.

Method 625: The laboratory control sample (LCS) for preparation batch 41380 exceeded control limits for the following analyte: 2-Chloronapthalene. No further volume remains for re-extraction of the associated sample; therefore, the data has been qualified and reported.

Method 625: The relative percent difference (RPD) of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 41380 exceeded control limits for multiple analytes. 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 has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 001 (COMP) (480-12690-1).

No other analytical or quality issues were noted.

Organic Prep
Method 625: Re-extraction of the following sample was performed outside of the preparation holding time: 001 (COMP) (480-12690-1 RE).

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-12690-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.53	J	4.7	0.041	ug/L	1		625	Total/NA
Benzo[a]pyrene	0.23	J	4.7	0.055	ug/L	1		625	Total/NA
Benzo[b]fluoranthene	0.20	J	4.7	0.058	ug/L	1		625	Total/NA
Benzo[k]fluoranthene	0.15	J	4.7	0.039	ug/L	1		625	Total/NA
Butyl benzyl phthalate	2.0	J	4.7	1.2	ug/L	1		625	Total/NA
Chrysene	0.63	J	4.7	0.034	ug/L	1		625	Total/NA
Di-n-butyl phthalate	1.6	J B	4.7	0.88	ug/L	1		625	Total/NA
Fluoranthene	1.9	J	4.7	0.10	ug/L	1		625	Total/NA
Pyrene	0.39	J	4.7	0.039	ug/L	1		625	Total/NA
Butyl benzyl phthalate - RE	1.6	J H	4.7	1.2	ug/L	1		625	Total/NA
Di-n-butyl phthalate - RE	1.6	J H B	4.7	0.88	ug/L	1		625	Total/NA
Pyrene - RE	0.25	J H	4.7	0.039	ug/L	1		625	Total/NA
Zinc	0.0045	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.62	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB

Lab Sample ID: 480-12690-7

No Detections

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: 001 (COMP)
Date Collected: 11/11/11 14:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-1
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			11/15/11 15:45	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/15/11 15:45	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/15/11 15:45	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/15/11 15:45	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/15/11 15:45	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/15/11 15:45	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/15/11 15:45	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/15/11 15:45	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/15/11 15:45	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/15/11 15:45	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/15/11 15:45	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/15/11 15:45	1
Acrolein	ND		100	17	ug/L			11/15/11 15:45	1
Acrylonitrile	ND		25	1.9	ug/L			11/15/11 15:45	1
Benzene	ND		5.0	0.60	ug/L			11/15/11 15:45	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/15/11 15:45	1
Bromoform	ND		5.0	0.47	ug/L			11/15/11 15:45	1
Bromomethane	ND		5.0	1.2	ug/L			11/15/11 15:45	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/15/11 15:45	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/15/11 15:45	1
Chloroethane	ND		5.0	0.87	ug/L			11/15/11 15:45	1
Chloroform	ND		5.0	0.54	ug/L			11/15/11 15:45	1
Chloromethane	ND		5.0	0.64	ug/L			11/15/11 15:45	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/15/11 15:45	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/15/11 15:45	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			11/15/11 15:45	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/15/11 15:45	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/15/11 15:45	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/15/11 15:45	1
Toluene	ND		5.0	0.45	ug/L			11/15/11 15:45	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/15/11 15:45	1
Trichloroethene	ND		5.0	0.60	ug/L			11/15/11 15:45	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/15/11 15:45	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/15/11 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*11/15/11 15:45*	*1*
4-Bromofluorobenzene (Surr)	*96*		*69 - 121*		*11/15/11 15:45*	*1*
Toluene-d8 (Surr)	*103*		*70 - 123*		*11/15/11 15:45*	*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		11/15/11 14:06	11/19/11 00:00	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		11/15/11 14:06	11/19/11 00:00	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		11/15/11 14:06	11/19/11 00:00	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		11/15/11 14:06	11/19/11 00:00	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		11/15/11 14:06	11/19/11 00:00	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		11/15/11 14:06	11/19/11 00:00	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		11/15/11 14:06	11/19/11 00:00	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		11/15/11 14:06	11/19/11 00:00	1

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: 001 (COMP)
Date Collected: 11/11/11 14:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-1
Matrix: Water

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		11/15/11 14:06	11/19/11 00:00	1
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		11/15/11 14:06	11/19/11 00:00	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		11/15/11 14:06	11/19/11 00:00	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		11/15/11 14:06	11/19/11 00:00	1
2-Chloronaphthalene	ND	*	4.7	0.064	ug/L		11/15/11 14:06	11/19/11 00:00	1
2-Chlorophenol	ND		4.7	0.15	ug/L		11/15/11 14:06	11/19/11 00:00	1
2-Nitrophenol	ND		4.7	0.14	ug/L		11/15/11 14:06	11/19/11 00:00	1
3,3'-Dichlorobenzidine	ND	*	4.7	0.78	ug/L		11/15/11 14:06	11/19/11 00:00	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		11/15/11 14:06	11/19/11 00:00	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		11/15/11 14:06	11/19/11 00:00	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		11/15/11 14:06	11/19/11 00:00	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		11/15/11 14:06	11/19/11 00:00	1
4-Nitrophenol	ND		9.4	1.3	ug/L		11/15/11 14:06	11/19/11 00:00	1
Acenaphthene	ND		4.7	0.057	ug/L		11/15/11 14:06	11/19/11 00:00	1
Acenaphthylene	ND		4.7	0.032	ug/L		11/15/11 14:06	11/19/11 00:00	1
Anthracene	ND		4.7	0.050	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzidine	ND		75	2.4	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzo[a]anthracene	**0.53**	**J**	4.7	0.041	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzo[a]pyrene	**0.23**	**J**	4.7	0.055	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzo[b]fluoranthene	**0.20**	**J**	4.7	0.058	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		11/15/11 14:06	11/19/11 00:00	1
Benzo[k]fluoranthene	**0.15**	**J**	4.7	0.039	ug/L		11/15/11 14:06	11/19/11 00:00	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		11/15/11 14:06	11/19/11 00:00	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		11/15/11 14:06	11/19/11 00:00	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		11/15/11 14:06	11/19/11 00:00	1
Butyl benzyl phthalate	**2.0**	**J**	4.7	1.2	ug/L		11/15/11 14:06	11/19/11 00:00	1
Chrysene	**0.63**	**J**	4.7	0.034	ug/L		11/15/11 14:06	11/19/11 00:00	1
Decane	ND		9.4	1.5	ug/L		11/15/11 14:06	11/19/11 00:00	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		11/15/11 14:06	11/19/11 00:00	1
Diethyl phthalate	ND		4.7	0.16	ug/L		11/15/11 14:06	11/19/11 00:00	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		11/15/11 14:06	11/19/11 00:00	1
Di-n-butyl phthalate	**1.6**	**J B**	4.7	0.88	ug/L		11/15/11 14:06	11/19/11 00:00	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		11/15/11 14:06	11/19/11 00:00	1
Fluoranthene	**1.9**	**J**	4.7	0.10	ug/L		11/15/11 14:06	11/19/11 00:00	1
Fluorene	ND		4.7	0.040	ug/L		11/15/11 14:06	11/19/11 00:00	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		11/15/11 14:06	11/19/11 00:00	1
Hexachlorobutadiene	ND	*	4.7	0.58	ug/L		11/15/11 14:06	11/19/11 00:00	1
Hexachlorocyclopentadiene	ND	*	4.7	0.43	ug/L		11/15/11 14:06	11/19/11 00:00	1
Hexachloroethane	ND	*	4.7	0.45	ug/L		11/15/11 14:06	11/19/11 00:00	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		11/15/11 14:06	11/19/11 00:00	1
Isophorone	ND		4.7	0.15	ug/L		11/15/11 14:06	11/19/11 00:00	1
Naphthalene	ND		4.7	0.076	ug/L		11/15/11 14:06	11/19/11 00:00	1
Nitrobenzene	ND		4.7	0.10	ug/L		11/15/11 14:06	11/19/11 00:00	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		11/15/11 14:06	11/19/11 00:00	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		11/15/11 14:06	11/19/11 00:00	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		11/15/11 14:06	11/19/11 00:00	1
n-Octadecane	ND		9.4	0.66	ug/L		11/15/11 14:06	11/19/11 00:00	1
Pentachlorophenol	ND		9.4	0.39	ug/L		11/15/11 14:06	11/19/11 00:00	1
Phenanthrene	ND		4.7	0.067	ug/L		11/15/11 14:06	11/19/11 00:00	1
Phenol	ND		4.7	0.11	ug/L		11/15/11 14:06	11/19/11 00:00	1

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: 001 (COMP)
Date Collected: 11/11/11 14:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.39	J	4.7	0.039	ug/L		11/15/11 14:06	11/19/11 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 151*	*11/15/11 14:06*	*11/19/11 00:00*	*1*
2-Fluorobiphenyl	*70*		*44 - 120*	*11/15/11 14:06*	*11/19/11 00:00*	*1*
2-Fluorophenol	*39*		*17 - 120*	*11/15/11 14:06*	*11/19/11 00:00*	*1*
Nitrobenzene-d5	*73*		*42 - 120*	*11/15/11 14:06*	*11/19/11 00:00*	*1*
Phenol-d5	*26*		*10 - 120*	*11/15/11 14:06*	*11/19/11 00:00*	*1*
p-Terphenyl-d14	*74*		*22 - 125*	*11/15/11 14:06*	*11/19/11 00:00*	*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	9.4	0.46	ug/L		11/21/11 14:18	11/23/11 16:28	1
1,2-Dichlorobenzene	ND	H	9.4	0.14	ug/L		11/21/11 14:18	11/23/11 16:28	1
1,2-Diphenylhydrazine	ND	H	9.4	0.059	ug/L		11/21/11 14:18	11/23/11 16:28	1
1,3-Dichlorobenzene	ND	H	9.4	0.065	ug/L		11/21/11 14:18	11/23/11 16:28	1
1,4-Dichlorobenzene	ND	H	9.4	0.085	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,2'-Oxybis(1-chloropropane)	ND	H	4.7	0.081	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,4,6-Trichlorophenol	ND	H	4.7	0.22	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,4-Dichlorophenol	ND	H	4.7	0.28	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,4-Dimethylphenol	ND	H	4.7	0.13	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,4-Dinitrophenol	ND	H	9.4	0.79	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,4-Dinitrotoluene	ND	H	4.7	0.25	ug/L		11/21/11 14:18	11/23/11 16:28	1
2,6-Dinitrotoluene	ND	H	4.7	0.68	ug/L		11/21/11 14:18	11/23/11 16:28	1
2-Chloronaphthalene	ND	H *	4.7	0.064	ug/L		11/21/11 14:18	11/23/11 16:28	1
2-Chlorophenol	ND	H	4.7	0.15	ug/L		11/21/11 14:18	11/23/11 16:28	1
2-Nitrophenol	ND	H	4.7	0.14	ug/L		11/21/11 14:18	11/23/11 16:28	1
3,3'-Dichlorobenzidine	ND	H	4.7	0.78	ug/L		11/21/11 14:18	11/23/11 16:28	1
4,6-Dinitro-2-methylphenol	ND	H	9.4	0.72	ug/L		11/21/11 14:18	11/23/11 16:28	1
4-Bromophenyl phenyl ether	ND	H	4.7	0.11	ug/L		11/21/11 14:18	11/23/11 16:28	1
4-Chloro-3-methylphenol	ND	H	4.7	0.52	ug/L		11/21/11 14:18	11/23/11 16:28	1
4-Chlorophenyl phenyl ether	ND	H	4.7	0.20	ug/L		11/21/11 14:18	11/23/11 16:28	1
4-Nitrophenol	ND	H	9.4	1.3	ug/L		11/21/11 14:18	11/23/11 16:28	1
Acenaphthene	ND	H	4.7	0.057	ug/L		11/21/11 14:18	11/23/11 16:28	1
Acenaphthylene	ND	H	4.7	0.032	ug/L		11/21/11 14:18	11/23/11 16:28	1
Anthracene	ND	H	4.7	0.050	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzidine	ND	H	75	2.4	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzo[a]anthracene	ND	H	4.7	0.041	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzo[a]pyrene	ND	H	4.7	0.055	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzo[b]fluoranthene	ND	H	4.7	0.058	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzo[g,h,i]perylene	ND	H *	4.7	0.095	ug/L		11/21/11 14:18	11/23/11 16:28	1
Benzo[k]fluoranthene	ND	H	4.7	0.039	ug/L		11/21/11 14:18	11/23/11 16:28	1
Bis(2-chloroethoxy)methane	ND	H	4.7	0.080	ug/L		11/21/11 14:18	11/23/11 16:28	1
Bis(2-chloroethyl)ether	ND	H	4.7	1.0	ug/L		11/21/11 14:18	11/23/11 16:28	1
Bis(2-ethylhexyl) phthalate	ND	H	9.4	0.81	ug/L		11/21/11 14:18	11/23/11 16:28	1
Butyl benzyl phthalate	1.6	J H	4.7	1.2	ug/L		11/21/11 14:18	11/23/11 16:28	1
Chrysene	ND	H	4.7	0.034	ug/L		11/21/11 14:18	11/23/11 16:28	1
Decane	ND	H	9.4	1.5	ug/L		11/21/11 14:18	11/23/11 16:28	1
Dibenz(a,h)anthracene	ND	H *	4.7	0.052	ug/L		11/21/11 14:18	11/23/11 16:28	1
Diethyl phthalate	ND	H	4.7	0.16	ug/L		11/21/11 14:18	11/23/11 16:28	1
Dimethyl phthalate	ND	H	4.7	0.16	ug/L		11/21/11 14:18	11/23/11 16:28	1

Client Sample ID: 001 (COMP)

Date Collected: 11/11/11 14:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**1.6**	**J H B**	4.7	0.88	ug/L		11/21/11 14:18	11/23/11 16:28	1
Di-n-octyl phthalate	ND	H	4.7	4.2	ug/L		11/21/11 14:18	11/23/11 16:28	1
Fluoranthene	ND	H	4.7	0.10	ug/L		11/21/11 14:18	11/23/11 16:28	1
Fluorene	ND	H	4.7	0.040	ug/L		11/21/11 14:18	11/23/11 16:28	1
Hexachlorobenzene	ND	H	4.7	0.26	ug/L		11/21/11 14:18	11/23/11 16:28	1
Hexachlorobutadiene	ND	H	4.7	0.58	ug/L		11/21/11 14:18	11/23/11 16:28	1
Hexachlorocyclopentadiene	ND	H	4.7	0.43	ug/L		11/21/11 14:18	11/23/11 16:28	1
Hexachloroethane	ND	H	4.7	0.45	ug/L		11/21/11 14:18	11/23/11 16:28	1
Indeno[1,2,3-cd]pyrene	ND	H *	4.7	0.18	ug/L		11/21/11 14:18	11/23/11 16:28	1
Isophorone	ND	H	4.7	0.15	ug/L		11/21/11 14:18	11/23/11 16:28	1
Naphthalene	ND	H	4.7	0.076	ug/L		11/21/11 14:18	11/23/11 16:28	1
Nitrobenzene	ND	H	4.7	0.10	ug/L		11/21/11 14:18	11/23/11 16:28	1
N-Nitrosodimethylamine	ND	H	9.4	0.91	ug/L		11/21/11 14:18	11/23/11 16:28	1
N-Nitrosodi-n-propylamine	ND	H	4.7	0.22	ug/L		11/21/11 14:18	11/23/11 16:28	1
N-Nitrosodiphenylamine	ND	H	4.7	0.37	ug/L		11/21/11 14:18	11/23/11 16:28	1
n-Octadecane	ND	H	9.4	0.66	ug/L		11/21/11 14:18	11/23/11 16:28	1
Pentachlorophenol	ND	H	9.4	0.39	ug/L		11/21/11 14:18	11/23/11 16:28	1
Phenanthrene	ND	H	4.7	0.067	ug/L		11/21/11 14:18	11/23/11 16:28	1
Phenol	ND	H	4.7	0.11	ug/L		11/21/11 14:18	11/23/11 16:28	1
Pyrene	**0.25**	**J H**	4.7	0.039	ug/L		11/21/11 14:18	11/23/11 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*52 - 151*	*11/21/11 14:18*	*11/23/11 16:28*	*1*
2-Fluorobiphenyl	*57*		*44 - 120*	*11/21/11 14:18*	*11/23/11 16:28*	*1*
2-Fluorophenol	*33*		*17 - 120*	*11/21/11 14:18*	*11/23/11 16:28*	*1*
Nitrobenzene-d5	*73*		*42 - 120*	*11/21/11 14:18*	*11/23/11 16:28*	*1*
Phenol-d5	*23*		*10 - 120*	*11/21/11 14:18*	*11/23/11 16:28*	*1*
p-Terphenyl-d14	*94*		*22 - 125*	*11/21/11 14:18*	*11/23/11 16:28*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0045**	**J**	0.010	0.0017	mg/L		11/15/11 07:30	11/16/11 10:52	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		11/15/11 10:35	11/16/11 02:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		11/21/11 13:08	11/21/11 15:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.62**	**HF**	0.100	0.100	SU			11/14/11 21:05	1

Client Sample ID: TB

Date Collected: 11/11/11 00:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-7
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			11/15/11 16:11	1

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: TB
Date Collected: 11/11/11 00:00
Date Received: 11/14/11 12:20

Lab Sample ID: 480-12690-7
Matrix: Water

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			11/15/11 16:11	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/15/11 16:11	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/15/11 16:11	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/15/11 16:11	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/15/11 16:11	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/15/11 16:11	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/15/11 16:11	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/15/11 16:11	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/15/11 16:11	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/15/11 16:11	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/15/11 16:11	1
Acrolein	ND		100	17	ug/L			11/15/11 16:11	1
Acrylonitrile	ND		25	1.9	ug/L			11/15/11 16:11	1
Benzene	ND		5.0	0.60	ug/L			11/15/11 16:11	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/15/11 16:11	1
Bromoform	ND		5.0	0.47	ug/L			11/15/11 16:11	1
Bromomethane	ND		5.0	1.2	ug/L			11/15/11 16:11	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/15/11 16:11	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/15/11 16:11	1
Chloroethane	ND		5.0	0.87	ug/L			11/15/11 16:11	1
Chloroform	ND		5.0	0.54	ug/L			11/15/11 16:11	1
Chloromethane	ND		5.0	0.64	ug/L			11/15/11 16:11	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/15/11 16:11	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/15/11 16:11	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			11/15/11 16:11	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/15/11 16:11	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/15/11 16:11	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/15/11 16:11	1
Toluene	ND		5.0	0.45	ug/L			11/15/11 16:11	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/15/11 16:11	1
Trichloroethene	ND		5.0	0.60	ug/L			11/15/11 16:11	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/15/11 16:11	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/15/11 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*11/15/11 16:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*11/15/11 16:11*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*11/15/11 16:11*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-12690-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)
480-12690-1	001 (COMP)	105	96	103
480-12690-7	TB	107	94	104
LCS 480-40430/3	Lab Control Sample	103	95	104
MB 480-40430/5	Method Blank	106	94	104

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)
480-12690-1	001 (COMP)	83	70	39	73	26	74
480-12690-1 - RE	001 (COMP)	74	57	33	73	23	94
LCS 480-40466/2-A	Lab Control Sample	84	74	42	83	30	77
LCS 480-41380/2-A	Lab Control Sample	88	79	45	84	34	99
LCSD 480-40466/3-A	Lab Control Sample Dup	93	82	52	89	35	100
LCSD 480-41380/3-A	Lab Control Sample Dup	89	79	43	91	32	96
MB 480-40466/1-A	Method Blank	84	81	44	91	29	85
MB 480-41380/1-A	Method Blank	68	66	39	73	26	110

Surrogate Legend

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

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

TestAmerica Job ID: 480-12690-1

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

Lab Sample ID: MB 480-40430/5
Matrix: Water
Analysis Batch: 40430

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			11/15/11 15:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/15/11 15:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/15/11 15:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/15/11 15:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/15/11 15:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/15/11 15:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/15/11 15:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/15/11 15:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/15/11 15:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/15/11 15:19	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/15/11 15:19	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/15/11 15:19	1
Acrolein	ND		100	17	ug/L			11/15/11 15:19	1
Acrylonitrile	ND		25	1.9	ug/L			11/15/11 15:19	1
Benzene	ND		5.0	0.60	ug/L			11/15/11 15:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			11/15/11 15:19	1
Bromoform	ND		5.0	0.47	ug/L			11/15/11 15:19	1
Bromomethane	ND		5.0	1.2	ug/L			11/15/11 15:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/15/11 15:19	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/15/11 15:19	1
Chloroethane	ND		5.0	0.87	ug/L			11/15/11 15:19	1
Chloroform	ND		5.0	0.54	ug/L			11/15/11 15:19	1
Chloromethane	ND		5.0	0.64	ug/L			11/15/11 15:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/15/11 15:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			11/15/11 15:19	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			11/15/11 15:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/15/11 15:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/15/11 15:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/15/11 15:19	1
Toluene	ND		5.0	0.45	ug/L			11/15/11 15:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/15/11 15:19	1
Trichloroethene	ND		5.0	0.60	ug/L			11/15/11 15:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			11/15/11 15:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/15/11 15:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*11/15/11 15:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*11/15/11 15:19*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*11/15/11 15:19*	*1*

Lab Sample ID: LCS 480-40430/3
Matrix: Water
Analysis Batch: 40430

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	19.0		ug/L		95	75 - 125
1,1,2,2-Tetrachloroethane	20.0	26.6		ug/L		133	61 - 140
1,1,2-Trichloroethane	20.0	24.2		ug/L		121	71 - 129
1,1-Dichloroethane	20.0	20.3		ug/L		102	73 - 128

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

Lab Sample ID: LCS 480-40430/3
Matrix: Water
Analysis Batch: 40430

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	20.1		ug/L		101	51 - 150
1,2-Dichlorobenzene	20.0	23.0		ug/L		115	63 - 137
1,2-Dichloroethane	20.0	21.7		ug/L		109	68 - 132
1,2-Dichloropropane	20.0	21.2		ug/L		106	34 - 166
1,3-Dichlorobenzene	20.0	23.3		ug/L		117	73 - 127
1,4-Dichlorobenzene	20.0	23.0		ug/L		115	63 - 137
2-Chloroethyl vinyl ether	100	135		ug/L		135	1 - 224
Benzene	20.0	21.2		ug/L		106	64 - 136
Bromodichloromethane	20.0	19.0		ug/L		95	66 - 135
Bromoform	20.0	18.5		ug/L		93	71 - 129
Bromomethane	20.0	17.7		ug/L		89	14 - 186
Carbon tetrachloride	20.0	17.9		ug/L		90	73 - 127
Chlorobenzene	20.0	21.5		ug/L		108	66 - 134
Chloroethane	20.0	19.0		ug/L		95	38 - 162
Chloroform	20.0	19.4		ug/L		97	68 - 133
Chloromethane	20.0	18.9		ug/L		95	1 - 204
cis-1,3-Dichloropropene	20.0	20.1		ug/L		101	24 - 176
Dibromochloromethane	20.0	20.2		ug/L		101	68 - 133
Ethylbenzene	20.0	22.3		ug/L		112	59 - 141
Methylene Chloride	20.0	20.0		ug/L		100	61 - 140
Tetrachloroethene	20.0	22.1		ug/L		111	74 - 127
Toluene	20.0	22.2		ug/L		111	75 - 126
trans-1,3-Dichloropropene	20.0	21.5		ug/L		108	50 - 150
Trichloroethene	20.0	20.8		ug/L		104	67 - 134
Trichlorofluoromethane	20.0	19.8		ug/L		99	48 - 152
Vinyl chloride	20.0	20.1		ug/L		101	4 - 196

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*
Toluene-d8 (Surr)	*104*		*70 - 123*

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

Lab Sample ID: MB 480-40466/1-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		11/15/11 14:06	11/18/11 21:18	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		11/15/11 14:06	11/18/11 21:18	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		11/15/11 14:06	11/18/11 21:18	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		11/15/11 14:06	11/18/11 21:18	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		11/15/11 14:06	11/18/11 21:18	1

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

Lab Sample ID: MB 480-40466/1-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		11/15/11 14:06	11/18/11 21:18	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		11/15/11 14:06	11/18/11 21:18	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		11/15/11 14:06	11/18/11 21:18	1
2-Chlorophenol	ND		5.0	0.16	ug/L		11/15/11 14:06	11/18/11 21:18	1
2-Nitrophenol	ND		5.0	0.14	ug/L		11/15/11 14:06	11/18/11 21:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		11/15/11 14:06	11/18/11 21:18	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		11/15/11 14:06	11/18/11 21:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		11/15/11 14:06	11/18/11 21:18	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		11/15/11 14:06	11/18/11 21:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		11/15/11 14:06	11/18/11 21:18	1
4-Nitrophenol	ND		10	1.3	ug/L		11/15/11 14:06	11/18/11 21:18	1
Acenaphthene	ND		5.0	0.060	ug/L		11/15/11 14:06	11/18/11 21:18	1
Acenaphthylene	ND		5.0	0.034	ug/L		11/15/11 14:06	11/18/11 21:18	1
Anthracene	ND		5.0	0.052	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzidine	ND		80	2.5	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		11/15/11 14:06	11/18/11 21:18	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		11/15/11 14:06	11/18/11 21:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		11/15/11 14:06	11/18/11 21:18	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		11/15/11 14:06	11/18/11 21:18	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		11/15/11 14:06	11/18/11 21:18	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		11/15/11 14:06	11/18/11 21:18	1
Chrysene	ND		5.0	0.036	ug/L		11/15/11 14:06	11/18/11 21:18	1
Decane	ND		10	1.6	ug/L		11/15/11 14:06	11/18/11 21:18	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		11/15/11 14:06	11/18/11 21:18	1
Diethyl phthalate	ND		5.0	0.17	ug/L		11/15/11 14:06	11/18/11 21:18	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		11/15/11 14:06	11/18/11 21:18	1
Di-n-butyl phthalate	1.63	J	5.0	0.94	ug/L		11/15/11 14:06	11/18/11 21:18	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		11/15/11 14:06	11/18/11 21:18	1
Fluoranthene	ND		5.0	0.11	ug/L		11/15/11 14:06	11/18/11 21:18	1
Fluorene	ND		5.0	0.043	ug/L		11/15/11 14:06	11/18/11 21:18	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		11/15/11 14:06	11/18/11 21:18	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		11/15/11 14:06	11/18/11 21:18	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		11/15/11 14:06	11/18/11 21:18	1
Hexachloroethane	ND		5.0	0.48	ug/L		11/15/11 14:06	11/18/11 21:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		11/15/11 14:06	11/18/11 21:18	1
Isophorone	ND		5.0	0.16	ug/L		11/15/11 14:06	11/18/11 21:18	1
Naphthalene	ND		5.0	0.080	ug/L		11/15/11 14:06	11/18/11 21:18	1
Nitrobenzene	ND		5.0	0.11	ug/L		11/15/11 14:06	11/18/11 21:18	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		11/15/11 14:06	11/18/11 21:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		11/15/11 14:06	11/18/11 21:18	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		11/15/11 14:06	11/18/11 21:18	1
n-Octadecane	ND		10	0.70	ug/L		11/15/11 14:06	11/18/11 21:18	1
Pentachlorophenol	ND		10	0.41	ug/L		11/15/11 14:06	11/18/11 21:18	1
Phenanthrene	ND		5.0	0.071	ug/L		11/15/11 14:06	11/18/11 21:18	1
Phenol	ND		5.0	0.12	ug/L		11/15/11 14:06	11/18/11 21:18	1
Pyrene	ND		5.0	0.041	ug/L		11/15/11 14:06	11/18/11 21:18	1

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

Lab Sample ID: MB 480-40466/1-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40466

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 151	11/15/11 14:06	11/18/11 21:18	1
2-Fluorobiphenyl	81		44 - 120	11/15/11 14:06	11/18/11 21:18	1
2-Fluorophenol	44		17 - 120	11/15/11 14:06	11/18/11 21:18	1
Nitrobenzene-d5	91		42 - 120	11/15/11 14:06	11/18/11 21:18	1
Phenol-d5	29		10 - 120	11/15/11 14:06	11/18/11 21:18	1
p-Terphenyl-d14	85		22 - 125	11/15/11 14:06	11/18/11 21:18	1

Lab Sample ID: LCS 480-40466/2-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	41.6	*	ug/L		42	44 - 142
1,2-Dichlorobenzene	100	41.2		ug/L		41	32 - 129
1,3-Dichlorobenzene	100	38.2		ug/L		38	1 - 172
1,4-Dichlorobenzene	100	39.5		ug/L		40	20 - 124
2,2'-Oxybis(1-chloropropane)	100	73.4		ug/L		73	36 - 166
2,4,6-Trichlorophenol	100	74.9		ug/L		75	37 - 144
2,4-Dichlorophenol	100	79.4		ug/L		79	39 - 135
2,4-Dimethylphenol	100	80.5		ug/L		81	32 - 119
2,4-Dinitrophenol	100	76.0		ug/L		76	1 - 191
2,4-Dinitrotoluene	100	94.5		ug/L		95	39 - 139
2,6-Dinitrotoluene	100	99.9		ug/L		100	50 - 158
2-Chloronaphthalene	100	61.9		ug/L		62	60 - 118
2-Chlorophenol	100	63.6		ug/L		64	23 - 134
2-Nitrophenol	100	85.4		ug/L		85	29 - 182
3,3'-Dichlorobenzidine	100	52.9		ug/L		53	1 - 262
4,6-Dinitro-2-methylphenol	100	93.7		ug/L		94	1 - 181
4-Bromophenyl phenyl ether	100	89.8		ug/L		90	53 - 127
4-Chloro-3-methylphenol	100	88.6		ug/L		89	22 - 147
4-Chlorophenyl phenyl ether	100	92.9		ug/L		93	25 - 158
4-Nitrophenol	100	53.0		ug/L		53	1 - 132
Acenaphthene	100	74.0		ug/L		74	47 - 145
Acenaphthylene	100	80.5		ug/L		81	33 - 145
Anthracene	100	82.0		ug/L		82	27 - 133
Benzo[a]anthracene	100	88.5		ug/L		89	33 - 143
Benzo[a]pyrene	100	92.3		ug/L		92	17 - 163
Benzo[b]fluoranthene	100	83.4		ug/L		83	24 - 159
Benzo[g,h,i]perylene	100	93.5		ug/L		94	1 - 219
Benzo[k]fluoranthene	100	90.3		ug/L		90	11 - 162
Bis(2-chloroethoxy)methane	100	84.7		ug/L		85	33 - 184
Bis(2-chloroethyl)ether	100	73.4		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	100	93.2		ug/L		93	8 - 158
Butyl benzyl phthalate	100	81.3		ug/L		81	1 - 152
Chrysene	100	85.3		ug/L		85	17 - 168
Dibenz(a,h)anthracene	100	98.2		ug/L		98	1 - 227
Diethyl phthalate	100	89.8		ug/L		90	1 - 114
Dimethyl phthalate	100	91.8		ug/L		92	1 - 112
Di-n-butyl phthalate	100	85.3		ug/L		85	1 - 118

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

Lab Sample ID: LCS 480-40466/2-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	92.5		ug/L		93	4 - 146
Fluoranthene	100	81.9		ug/L		82	26 - 137
Fluorene	100	96.1		ug/L		96	59 - 121
Hexachlorobenzene	100	86.6		ug/L		87	1 - 152
Hexachlorocyclopentadiene	100	36.5		ug/L		37	5 - 120
Hexachloroethane	100	34.7	*	ug/L		35	40 - 113
Indeno[1,2,3-cd]pyrene	100	93.9		ug/L		94	1 - 171
Isophorone	100	90.0		ug/L		90	21 - 196
Naphthalene	100	56.3		ug/L		56	21 - 133
Nitrobenzene	100	86.8		ug/L		87	35 - 180
N-Nitrosodi-n-propylamine	100	88.9		ug/L		89	1 - 230
N-Nitrosodiphenylamine	100	85.8		ug/L		86	54 - 125
Pentachlorophenol	100	95.9		ug/L		96	14 - 176
Phenanthrene	100	85.2		ug/L		85	54 - 120
Phenol	100	33.1		ug/L		33	5 - 112
Pyrene	100	94.9		ug/L		95	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*52 - 151*
2-Fluorobiphenyl	*74*		*44 - 120*
2-Fluorophenol	*42*		*17 - 120*
Nitrobenzene-d5	*83*		*42 - 120*
Phenol-d5	*30*		*10 - 120*
p-Terphenyl-d14	*77*		*22 - 125*

Lab Sample ID: LCSD 480-40466/3-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 40466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	66.0	*	ug/L		66	44 - 142	45	34
1,2-Dichlorobenzene	100	57.0		ug/L		57	32 - 129	32	38
1,3-Dichlorobenzene	100	53.4		ug/L		53	1 - 172	33	37
1,4-Dichlorobenzene	100	54.6		ug/L		55	20 - 124	32	40
2,2'-Oxybis(1-chloropropane)	100	82.8		ug/L		83	36 - 166	12	36
2,4,6-Trichlorophenol	100	84.9		ug/L		85	37 - 144	13	20
2,4-Dichlorophenol	100	90.7		ug/L		91	39 - 135	13	23
2,4-Dimethylphenol	100	94.0		ug/L		94	32 - 119	15	18
2,4-Dinitrophenol	100	96.8		ug/L		97	1 - 191	24	29
2,4-Dinitrotoluene	100	97.8		ug/L		98	39 - 139	3	20
2,6-Dinitrotoluene	100	103		ug/L		103	50 - 158	3	17
2-Chloronaphthalene	100	84.6	*	ug/L		85	60 - 118	31	30
2-Chlorophenol	100	77.4		ug/L		77	23 - 134	20	26
2-Nitrophenol	100	97.8		ug/L		98	29 - 182	14	28
3,3'-Dichlorobenzidine	100	73.6	*	ug/L		74	1 - 262	33	31
4,6-Dinitro-2-methylphenol	100	110		ug/L		110	1 - 181	16	30
4-Bromophenyl phenyl ether	100	100		ug/L		100	53 - 127	11	16
4-Chloro-3-methylphenol	100	103		ug/L		103	22 - 147	15	16
4-Chlorophenyl phenyl ether	100	104		ug/L		104	25 - 158	11	15

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

Lab Sample ID: LCSD 480-40466/3-A
Matrix: Water
Analysis Batch: 41132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 40466

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	61.9		ug/L		62	1 - 132	15	24
Acenaphthene			100	88.8		ug/L		89	47 - 145	18	25
Acenaphthylene			100	95.7		ug/L		96	33 - 145	17	22
Anthracene			100	88.7		ug/L		89	27 - 133	8	15
Benzo[a]anthracene			100	93.9		ug/L		94	33 - 143	6	15
Benzo[a]pyrene			100	97.9		ug/L		98	17 - 163	6	15
Benzo[b]fluoranthene			100	84.2		ug/L		84	24 - 159	1	17
Benzo[g,h,i]perylene			100	96.3		ug/L		96	1 - 219	3	19
Benzo[k]fluoranthene			100	96.8		ug/L		97	11 - 162	7	19
Bis(2-chloroethoxy)methane			100	89.7		ug/L		90	33 - 184	6	23
Bis(2-chloroethyl)ether			100	80.5		ug/L		81	12 - 158	9	33
Bis(2-ethylhexyl) phthalate			100	100		ug/L		100	8 - 158	7	15
Butyl benzyl phthalate			100	87.7		ug/L		88	1 - 152	8	15
Chrysene			100	93.3		ug/L		93	17 - 168	9	15
Dibenz(a,h)anthracene			100	103		ug/L		103	1 - 227	5	18
Diethyl phthalate			100	91.4		ug/L		91	1 - 114	2	15
Dimethyl phthalate			100	96.2		ug/L		96	1 - 112	5	15
Di-n-butyl phthalate			100	90.8		ug/L		91	1 - 118	6	15
Di-n-octyl phthalate			100	97.5		ug/L		98	4 - 146	5	15
Fluoranthene			100	88.0		ug/L		88	26 - 137	7	15
Fluorene			100	106		ug/L		106	59 - 121	10	18
Hexachlorobenzene			100	96.9		ug/L		97	1 - 152	11	15
Hexachlorocyclopentadiene			100	78.1	*	ug/L		78	5 - 120	73	50
Hexachloroethane			100	50.2		ug/L		50	40 - 113	37	43
Indeno[1,2,3-cd]pyrene			100	99.6		ug/L		100	1 - 171	6	17
Isophorone			100	95.0		ug/L		95	21 - 196	5	21
Naphthalene			100	76.3		ug/L		76	21 - 133	30	31
Nitrobenzene			100	91.3		ug/L		91	35 - 180	5	27
N-Nitrosodi-n-propylamine			100	95.6		ug/L		96	1 - 230	7	23
N-Nitrosodiphenylamine			100	99.7		ug/L		100	54 - 125	15	15
Pentachlorophenol			100	109		ug/L		109	14 - 176	13	21
Phenanthrene			100	90.0		ug/L		90	54 - 120	5	16
Phenol			100	39.3		ug/L		39	5 - 112	17	36
Pyrene			100	103		ug/L		103	52 - 115	9	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*93*		*52 - 151*
2-Fluorobiphenyl	*82*		*44 - 120*
2-Fluorophenol	*52*		*17 - 120*
Nitrobenzene-d5	*89*		*42 - 120*
Phenol-d5	*35*		*10 - 120*
p-Terphenyl-d14	*100*		*22 - 125*

Lab Sample ID: MB 480-41380/1-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		11/21/11 14:18	11/22/11 19:02	1

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

Lab Sample ID: MB 480-41380/1-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	0.15	ug/L		11/21/11 14:18	11/22/11 19:02	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		11/21/11 14:18	11/22/11 19:02	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		11/21/11 14:18	11/22/11 19:02	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		11/21/11 14:18	11/22/11 19:02	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		11/21/11 14:18	11/22/11 19:02	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		11/21/11 14:18	11/22/11 19:02	1
2-Chlorophenol	ND		5.0	0.16	ug/L		11/21/11 14:18	11/22/11 19:02	1
2-Nitrophenol	ND		5.0	0.14	ug/L		11/21/11 14:18	11/22/11 19:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		11/21/11 14:18	11/22/11 19:02	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		11/21/11 14:18	11/22/11 19:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		11/21/11 14:18	11/22/11 19:02	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		11/21/11 14:18	11/22/11 19:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		11/21/11 14:18	11/22/11 19:02	1
4-Nitrophenol	ND		10	1.3	ug/L		11/21/11 14:18	11/22/11 19:02	1
Acenaphthene	ND		5.0	0.060	ug/L		11/21/11 14:18	11/22/11 19:02	1
Acenaphthylene	ND		5.0	0.034	ug/L		11/21/11 14:18	11/22/11 19:02	1
Anthracene	ND		5.0	0.052	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzidine	ND		80	2.5	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzo[a]anthracene	0.389	J	5.0	0.043	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		11/21/11 14:18	11/22/11 19:02	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		11/21/11 14:18	11/22/11 19:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		11/21/11 14:18	11/22/11 19:02	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		11/21/11 14:18	11/22/11 19:02	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		11/21/11 14:18	11/22/11 19:02	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		11/21/11 14:18	11/22/11 19:02	1
Chrysene	0.554	J	5.0	0.036	ug/L		11/21/11 14:18	11/22/11 19:02	1
Decane	ND		10	1.6	ug/L		11/21/11 14:18	11/22/11 19:02	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		11/21/11 14:18	11/22/11 19:02	1
Diethyl phthalate	2.06	J	5.0	0.17	ug/L		11/21/11 14:18	11/22/11 19:02	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		11/21/11 14:18	11/22/11 19:02	1
Di-n-butyl phthalate	1.68	J	5.0	0.94	ug/L		11/21/11 14:18	11/22/11 19:02	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		11/21/11 14:18	11/22/11 19:02	1
Fluoranthene	ND		5.0	0.11	ug/L		11/21/11 14:18	11/22/11 19:02	1
Fluorene	ND		5.0	0.043	ug/L		11/21/11 14:18	11/22/11 19:02	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		11/21/11 14:18	11/22/11 19:02	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		11/21/11 14:18	11/22/11 19:02	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		11/21/11 14:18	11/22/11 19:02	1
Hexachloroethane	ND		5.0	0.48	ug/L		11/21/11 14:18	11/22/11 19:02	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		11/21/11 14:18	11/22/11 19:02	1
Isophorone	ND		5.0	0.16	ug/L		11/21/11 14:18	11/22/11 19:02	1
Naphthalene	ND		5.0	0.080	ug/L		11/21/11 14:18	11/22/11 19:02	1
Nitrobenzene	ND		5.0	0.11	ug/L		11/21/11 14:18	11/22/11 19:02	1

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

Lab Sample ID: MB 480-41380/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 41549 — **Prep Batch: 41380**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		10	0.96	ug/L		11/21/11 14:18	11/22/11 19:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		11/21/11 14:18	11/22/11 19:02	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		11/21/11 14:18	11/22/11 19:02	1
n-Octadecane	ND		10	0.70	ug/L		11/21/11 14:18	11/22/11 19:02	1
Pentachlorophenol	ND		10	0.41	ug/L		11/21/11 14:18	11/22/11 19:02	1
Phenanthrene	ND		5.0	0.071	ug/L		11/21/11 14:18	11/22/11 19:02	1
Phenol	ND		5.0	0.12	ug/L		11/21/11 14:18	11/22/11 19:02	1
Pyrene	ND		5.0	0.041	ug/L		11/21/11 14:18	11/22/11 19:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*68*		*52 - 151*	*11/21/11 14:18*	*11/22/11 19:02*	*1*
2-Fluorobiphenyl	*66*		*44 - 120*	*11/21/11 14:18*	*11/22/11 19:02*	*1*
2-Fluorophenol	*39*		*17 - 120*	*11/21/11 14:18*	*11/22/11 19:02*	*1*
Nitrobenzene-d5	*73*		*42 - 120*	*11/21/11 14:18*	*11/22/11 19:02*	*1*
Phenol-d5	*26*		*10 - 120*	*11/21/11 14:18*	*11/22/11 19:02*	*1*
p-Terphenyl-d14	*110*		*22 - 125*	*11/21/11 14:18*	*11/22/11 19:02*	*1*

Lab Sample ID: LCS 480-41380/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 41549 — **Prep Batch: 41380**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	59.5		ug/L		60	44 - 142
1,2-Dichlorobenzene	100	46.2		ug/L		46	32 - 129
1,3-Dichlorobenzene	100	44.2		ug/L		44	1 - 172
1,4-Dichlorobenzene	100	44.0		ug/L		44	20 - 124
2,2'-Oxybis(1-chloropropane)	100	74.9		ug/L		75	36 - 166
2,4,6-Trichlorophenol	100	92.1		ug/L		92	37 - 144
2,4-Dichlorophenol	100	97.9		ug/L		98	39 - 135
2,4-Dimethylphenol	100	95.0		ug/L		95	32 - 119
2,4-Dinitrophenol	100	91.3		ug/L		91	1 - 191
2,4-Dinitrotoluene	100	98.4		ug/L		98	39 - 139
2,6-Dinitrotoluene	100	105		ug/L		105	50 - 158
2-Chloronaphthalene	100	58.1	*	ug/L		58	60 - 118
2-Chlorophenol	100	67.7		ug/L		68	23 - 134
2-Nitrophenol	100	92.9		ug/L		93	29 - 182
3,3'-Dichlorobenzidine	100	60.1		ug/L		60	1 - 262
4,6-Dinitro-2-methylphenol	100	113		ug/L		113	1 - 181
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127
4-Chloro-3-methylphenol	100	105		ug/L		105	22 - 147
4-Chlorophenyl phenyl ether	100	99.3		ug/L		99	25 - 158
4-Nitrophenol	100	48.4		ug/L		48	1 - 132
Acenaphthene	100	65.9		ug/L		66	47 - 145
Acenaphthylene	100	72.0		ug/L		72	33 - 145
Anthracene	100	89.5		ug/L		90	27 - 133
Benzo[a]anthracene	100	99.5		ug/L		100	33 - 143
Benzo[a]pyrene	100	103		ug/L		103	17 - 163
Benzo[b]fluoranthene	100	97.9		ug/L		98	24 - 159
Benzo[g,h,i]perylene	100	107		ug/L		107	1 - 219

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

Lab Sample ID: LCS 480-41380/2-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[k]fluoranthene	100	100		ug/L		100	11 - 162
Bis(2-chloroethoxy)methane	100	91.6		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	100	72.1		ug/L		72	12 - 158
Bis(2-ethylhexyl) phthalate	100	88.6		ug/L		89	8 - 158
Butyl benzyl phthalate	100	73.2		ug/L		73	1 - 152
Chrysene	100	93.9		ug/L		94	17 - 168
Dibenz(a,h)anthracene	100	112		ug/L		112	1 - 227
Diethyl phthalate	100	88.6		ug/L		89	1 - 114
Dimethyl phthalate	100	100		ug/L		100	1 - 112
Di-n-butyl phthalate	100	86.3		ug/L		86	1 - 118
Di-n-octyl phthalate	100	88.7		ug/L		89	4 - 146
Fluoranthene	100	96.0		ug/L		96	26 - 137
Fluorene	100	95.6		ug/L		96	59 - 121
Hexachlorobenzene	100	97.5		ug/L		98	1 - 152
Hexachlorocyclopentadiene	100	47.0		ug/L		47	5 - 120
Hexachloroethane	100	41.8		ug/L		42	40 - 113
Indeno[1,2,3-cd]pyrene	100	108		ug/L		108	1 - 171
Isophorone	100	98.9		ug/L		99	21 - 196
Naphthalene	100	60.5		ug/L		61	21 - 133
Nitrobenzene	100	87.3		ug/L		87	35 - 180
N-Nitrosodi-n-propylamine	100	96.8		ug/L		97	1 - 230
N-Nitrosodiphenylamine	100	91.8		ug/L		92	54 - 125
Pentachlorophenol	100	109		ug/L		109	14 - 176
Phenanthrene	100	90.1		ug/L		90	54 - 120
Phenol	100	36.9		ug/L		37	5 - 112
Pyrene	100	96.6		ug/L		97	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*52 - 151*
2-Fluorobiphenyl	*79*		*44 - 120*
2-Fluorophenol	*45*		*17 - 120*
Nitrobenzene-d5	*84*		*42 - 120*
Phenol-d5	*34*		*10 - 120*
p-Terphenyl-d14	*99*		*22 - 125*

Lab Sample ID: LCSD 480-41380/3-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41380

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	60.9		ug/L		61	44 - 142	2	34
1,2-Dichlorobenzene	100	44.4		ug/L		44	32 - 129	4	38
1,3-Dichlorobenzene	100	42.7		ug/L		43	1 - 172	3	37
1,4-Dichlorobenzene	100	44.1		ug/L		44	20 - 124	0	40
2,2'-Oxybis(1-chloropropane)	100	75.8		ug/L		76	36 - 166	1	36
2,4,6-Trichlorophenol	100	96.6		ug/L		97	37 - 144	5	20
2,4-Dichlorophenol	100	95.3		ug/L		95	39 - 135	3	23
2,4-Dimethylphenol	100	97.6		ug/L		98	32 - 119	3	18
2,4-Dinitrophenol	100	82.4		ug/L		82	1 - 191	10	29

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

Lab Sample ID: LCSD 480-41380/3-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene			100	99.3		ug/L		99	39 - 139	1	20
2,6-Dinitrotoluene			100	108		ug/L		108	50 - 158	3	17
2-Chloronaphthalene			100	59.5		ug/L		60	60 - 118	2	30
2-Chlorophenol			100	66.5		ug/L		67	23 - 134	2	26
2-Nitrophenol			100	91.7		ug/L		92	29 - 182	1	28
3,3'-Dichlorobenzidine			100	60.9		ug/L		61	1 - 262	1	31
4,6-Dinitro-2-methylphenol			100	109		ug/L		109	1 - 181	3	30
4-Bromophenyl phenyl ether			100	102		ug/L		102	53 - 127	1	16
4-Chloro-3-methylphenol			100	110		ug/L		110	22 - 147	5	16
4-Chlorophenyl phenyl ether			100	101		ug/L		101	25 - 158	1	15
4-Nitrophenol			100	60.3		ug/L		60	1 - 132	22	24
Acenaphthene			100	66.0		ug/L		66	47 - 145	0	25
Acenaphthylene			100	72.0		ug/L		72	33 - 145	0	22
Anthracene			100	83.9		ug/L		84	27 - 133	6	15
Benzo[a]anthracene			100	95.8		ug/L		96	33 - 143	4	15
Benzo[a]pyrene			100	103		ug/L		103	17 - 163	0	15
Benzo[b]fluoranthene			100	89.4		ug/L		89	24 - 159	9	17
Benzo[g,h,i]perylene			100	84.3	*	ug/L		84	1 - 219	24	19
Benzo[k]fluoranthene			100	103		ug/L		103	11 - 162	3	19
Bis(2-chloroethoxy)methane			100	88.2		ug/L		88	33 - 184	4	23
Bis(2-chloroethyl)ether			100	69.2		ug/L		69	12 - 158	4	33
Bis(2-ethylhexyl) phthalate			100	84.0		ug/L		84	8 - 158	5	15
Butyl benzyl phthalate			100	70.3		ug/L		70	1 - 152	4	15
Chrysene			100	94.2		ug/L		94	17 - 168	0	15
Dibenz(a,h)anthracene			100	91.3	*	ug/L		91	1 - 227	20	18
Diethyl phthalate			100	88.1		ug/L		88	1 - 114	1	15
Dimethyl phthalate			100	102		ug/L		102	1 - 112	2	15
Di-n-butyl phthalate			100	83.3		ug/L		83	1 - 118	4	15
Di-n-octyl phthalate			100	89.2		ug/L		89	4 - 146	1	15
Fluoranthene			100	92.0		ug/L		92	26 - 137	4	15
Fluorene			100	92.3		ug/L		92	59 - 121	4	18
Hexachlorobenzene			100	102		ug/L		102	1 - 152	5	15
Hexachlorocyclopentadiene			100	47.0		ug/L		47	5 - 120	0	50
Hexachloroethane			100	42.7		ug/L		43	40 - 113	2	43
Indeno[1,2,3-cd]pyrene			100	88.9	*	ug/L		89	1 - 171	19	17
Isophorone			100	100		ug/L		100	21 - 196	1	21
Naphthalene			100	59.4		ug/L		59	21 - 133	2	31
Nitrobenzene			100	91.2		ug/L		91	35 - 180	4	27
N-Nitrosodi-n-propylamine			100	94.8		ug/L		95	1 - 230	2	23
N-Nitrosodiphenylamine			100	90.0		ug/L		90	54 - 125	2	15
Pentachlorophenol			100	116		ug/L		116	14 - 176	7	21
Phenanthrene			100	85.8		ug/L		86	54 - 120	5	16
Phenol			100	35.7		ug/L		36	5 - 112	3	36
Pyrene			100	92.6		ug/L		93	52 - 115	4	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*52 - 151*
2-Fluorobiphenyl	*79*		*44 - 120*
2-Fluorophenol	*43*		*17 - 120*

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

TestAmerica Job ID: 480-12690-1

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

Lab Sample ID: LCSD 480-41380/3-A
Matrix: Water
Analysis Batch: 41549

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41380

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	91		42 - 120
Phenol-d5	32		10 - 120
p-Terphenyl-d14	96		22 - 125

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-40323/1-A
Matrix: Water
Analysis Batch: 40693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40323

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		11/15/11 07:30	11/16/11 09:59	1

Lab Sample ID: LCS 480-40323/2-A
Matrix: Water
Analysis Batch: 40693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40323

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.197		mg/L		98	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-40426/1-A
Matrix: Water
Analysis Batch: 40483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 40426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/15/11 10:35	11/16/11 01:52	1

Lab Sample ID: LCS 480-40426/2-A
Matrix: Water
Analysis Batch: 40483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 40426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00673		mg/L		101	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-41369/1-A
Matrix: Water
Analysis Batch: 41544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41369

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		11/21/11 13:08	11/21/11 15:10	1

Method: 335.4 - Cyanide, Total (Continued)

Lab Sample ID: LCS 480-41369/2-A
Matrix: Water
Analysis Batch: 41544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41369

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.266		mg/L		106	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-40370/1
Matrix: Water
Analysis Batch: 40370

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	7.030		SU		100	99 - 101

GC/MS VOA

Analysis Batch: 40430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	624	
480-12690-7	TB	Total/NA	Water	624	
LCS 480-40430/3	Lab Control Sample	Total/NA	Water	624	
MB 480-40430/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 40466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	625	
LCS 480-40466/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-40466/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-40466/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 41132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	625	40466
LCS 480-40466/2-A	Lab Control Sample	Total/NA	Water	625	40466
LCSD 480-40466/3-A	Lab Control Sample Dup	Total/NA	Water	625	40466
MB 480-40466/1-A	Method Blank	Total/NA	Water	625	40466

Prep Batch: 41380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1 - RE	001 (COMP)	Total/NA	Water	625	
LCS 480-41380/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-41380/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-41380/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 41549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1 - RE	001 (COMP)	Total/NA	Water	625	41380
LCS 480-41380/2-A	Lab Control Sample	Total/NA	Water	625	41380
LCSD 480-41380/3-A	Lab Control Sample Dup	Total/NA	Water	625	41380
MB 480-41380/1-A	Method Blank	Total/NA	Water	625	41380

Metals

Prep Batch: 40323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	200.7	
LCS 480-40323/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-40323/1-A	Method Blank	Total/NA	Water	200.7	

Prep Batch: 40426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	245.1	
LCS 480-40426/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-40426/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 40483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	245.1	40426

Metals (Continued)

Analysis Batch: 40483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-40426/2-A	Lab Control Sample	Total/NA	Water	245.1	40426
MB 480-40426/1-A	Method Blank	Total/NA	Water	245.1	40426

Analysis Batch: 40693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	40323
LCS 480-40323/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	40323
MB 480-40323/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	40323

General Chemistry

Analysis Batch: 40370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
LCS 480-40370/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 41369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	Distill/CN	
LCS 480-41369/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-41369/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 41544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-12690-1	001 (COMP)	Total/NA	Water	335.4	41369
LCS 480-41369/2-A	Lab Control Sample	Total/NA	Water	335.4	41369
MB 480-41369/1-A	Method Blank	Total/NA	Water	335.4	41369

Lab Chronicle

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

TestAmerica Job ID: 480-12690-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-12690-1

Date Collected: 11/11/11 14:00

Matrix: Water

Date Received: 11/14/11 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	40430	11/15/11 15:45	TRB	TAL BUF
Total/NA	Prep	625			40466	11/15/11 14:06	KB	TAL BUF
Total/NA	Analysis	625		1	41132	11/19/11 00:00	RMM	TAL BUF
Total/NA	Prep	625	RE		41380	11/21/11 14:18	KB	TAL BUF
Total/NA	Analysis	625	RE	1	41549	11/23/11 16:28	RMM	TAL BUF
Total/NA	Prep	245.1			40426	11/15/11 10:35	MM	TAL BUF
Total/NA	Analysis	245.1		1	40483	11/16/11 02:35	MM	TAL BUF
Total/NA	Prep	200.7			40323	11/15/11 07:30	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	40693	11/16/11 10:52	JRK	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	40370	11/14/11 21:05	EFN	TAL BUF
Total/NA	Prep	Distill/CN			41369	11/21/11 13:08	PN	TAL BUF
Total/NA	Analysis	335.4		1	41544	11/21/11 15:17	JR	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-12690-7

Date Collected: 11/11/11 00:00

Matrix: Water

Date Received: 11/14/11 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	40430	11/15/11 16:11	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: 480-12690-1

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 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: 480-12690-1

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: 480-12690-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-12690-1	001 (COMP)	Water	11/11/11 14:00	11/14/11 12:20
480-12690-7	TB	Water	11/11/11 00:00	11/14/11 12:20

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-15250-1280.1
Client Contact: Mr. ~~Brent Miller~~ Andrew Janik	Phone: 484-645-2301	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:
Address: 158 Sonwil Drive	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Cheektowaga	TAT Requested (days): 10 DAY			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:
State, Zip: NY, 14225				
Phone: 484-325-0280(Tel)	PO #: 0901204-15-220			
Email: bmiller@gesonline.com	WO #:			
Project Name: Bristol Myers Squibb Monthly	Project #: 48002463			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7, 245.1	624, 6ml - (MOD); Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	D	N		
001	11-11-11	0800	G	Water			X	X	X	X	X		Comp. Samples at Lab befor running
001	11-11-11	1000	G	Water			X	X	X	X	X		
001	11-11-11	1200	G	Water			X	X	X	X	X		
001	11-11-11	1400	G	water			X	X	X	X	X		
Trip Blank													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:
Relinquished by: Brent Miller	Date/Time: 11-11-11 1430	Company: CES	Received by: [signature] Date/Time: 11-14-11 11:00 Company: BFLO
Relinquished by: [signature]	Date/Time: 11-14-11 12:20	Company: BFLO	Received by: [signature] Date/Time: 11/14/11 1220 Company: [illegible]
Relinquished by:	Date/Time	Company	Received by: Date/Time Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No:

Cooler Temperature(s) °C and Other Remarks: 4.6

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-12690-1

Login Number: 12690

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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 COMP
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
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: 480-13840-1
Client Project/Site: Bristol Myers Squibb Monthly

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Mr. Andrew Janik

Denise L Giglia

Authorized for release by:
12/29/2011 8:35:35 PM

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com

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Definitions/Glossary

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

TestAmerica Job ID: 480-13840-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and 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.

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)

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

TestAmerica Job ID: 480-13840-1

Job ID: 480-13840-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-13840-1

Comments
No additional comments.

Receipt
Method 200.7 Rev 4.4, 245.1: The following sample weas received unpreserved and were preserved upon receipt to the laboratory: 001 (COMP) (480-13840-1). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

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 12/13/11 as requested on the chain-of-custody: 001 (COMP) (480-13840-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 44044 exceeded control limits for the following analyte: 4-Nitrophenol. 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: 001 (COMP) (480-13840-1)

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: Bristol Myers Squibb Monthly

TestAmerica Job ID: 480-13840-1

Client Sample ID: 001 (COMP) — Lab Sample ID: 480-13840-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0030	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.10		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.78	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-13840-7

No Detections

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

TestAmerica Job ID: 480-13840-1

Client Sample ID: 001 (COMP)
Date Collected: 12/07/11 14:00
Date Received: 12/09/11 16:50

Lab Sample ID: 480-13840-1
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			12/14/11 03:12	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/14/11 03:12	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/14/11 03:12	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/14/11 03:12	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/14/11 03:12	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/14/11 03:12	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/14/11 03:12	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/14/11 03:12	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/14/11 03:12	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/14/11 03:12	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/14/11 03:12	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/14/11 03:12	1
Acrolein	ND		100	17	ug/L			12/14/11 03:12	1
Acrylonitrile	ND		25	1.9	ug/L			12/14/11 03:12	1
Benzene	ND		5.0	0.60	ug/L			12/14/11 03:12	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/14/11 03:12	1
Bromoform	ND		5.0	0.47	ug/L			12/14/11 03:12	1
Bromomethane	ND		5.0	1.2	ug/L			12/14/11 03:12	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/14/11 03:12	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/14/11 03:12	1
Chloroethane	ND		5.0	0.87	ug/L			12/14/11 03:12	1
Chloroform	ND		5.0	0.54	ug/L			12/14/11 03:12	1
Chloromethane	ND		5.0	0.64	ug/L			12/14/11 03:12	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/14/11 03:12	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/14/11 03:12	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			12/14/11 03:12	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/14/11 03:12	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/14/11 03:12	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/14/11 03:12	1
Toluene	ND		5.0	0.45	ug/L			12/14/11 03:12	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/14/11 03:12	1
Trichloroethene	ND		5.0	0.60	ug/L			12/14/11 03:12	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/14/11 03:12	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/14/11 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 130*		*12/14/11 03:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*69 - 121*		*12/14/11 03:12*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*12/14/11 03:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		11	0.54	ug/L		12/12/11 13:41	12/14/11 02:16	1
1,2-Dichlorobenzene	ND		11	0.16	ug/L		12/12/11 13:41	12/14/11 02:16	1
1,2-Diphenylhydrazine	ND		11	0.069	ug/L		12/12/11 13:41	12/14/11 02:16	1
1,3-Dichlorobenzene	ND		11	0.076	ug/L		12/12/11 13:41	12/14/11 02:16	1
1,4-Dichlorobenzene	ND		11	0.098	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,2'-Oxybis(1-chloropropane)	ND		5.5	0.094	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,4,6-Trichlorophenol	ND		5.5	0.26	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,4-Dichlorophenol	ND		5.5	0.33	ug/L		12/12/11 13:41	12/14/11 02:16	1

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

TestAmerica Job ID: 480-13840-1

Client Sample ID: 001 (COMP)
Date Collected: 12/07/11 14:00
Date Received: 12/09/11 16:50

Lab Sample ID: 480-13840-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.5	0.15	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,4-Dinitrophenol	ND		11	0.92	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,4-Dinitrotoluene	ND		5.5	0.29	ug/L		12/12/11 13:41	12/14/11 02:16	1
2,6-Dinitrotoluene	ND		5.5	0.79	ug/L		12/12/11 13:41	12/14/11 02:16	1
2-Chloronaphthalene	ND		5.5	0.074	ug/L		12/12/11 13:41	12/14/11 02:16	1
2-Chlorophenol	ND		5.5	0.17	ug/L		12/12/11 13:41	12/14/11 02:16	1
2-Nitrophenol	ND		5.5	0.16	ug/L		12/12/11 13:41	12/14/11 02:16	1
3,3'-Dichlorobenzidine	ND		5.5	0.90	ug/L		12/12/11 13:41	12/14/11 02:16	1
4,6-Dinitro-2-methylphenol	ND		11	0.84	ug/L		12/12/11 13:41	12/14/11 02:16	1
4-Bromophenyl phenyl ether	ND		5.5	0.13	ug/L		12/12/11 13:41	12/14/11 02:16	1
4-Chloro-3-methylphenol	ND		5.5	0.61	ug/L		12/12/11 13:41	12/14/11 02:16	1
4-Chlorophenyl phenyl ether	ND		5.5	0.23	ug/L		12/12/11 13:41	12/14/11 02:16	1
4-Nitrophenol	ND	*	11	1.5	ug/L		12/12/11 13:41	12/14/11 02:16	1
Acenaphthene	ND		5.5	0.066	ug/L		12/12/11 13:41	12/14/11 02:16	1
Acenaphthylene	ND		5.5	0.037	ug/L		12/12/11 13:41	12/14/11 02:16	1
Anthracene	ND		5.5	0.058	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzidine	ND		88	2.8	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzo[a]anthracene	ND		5.5	0.047	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzo[a]pyrene	ND		5.5	0.064	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzo[b]fluoranthene	ND		5.5	0.068	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzo[g,h,i]perylene	ND		5.5	0.11	ug/L		12/12/11 13:41	12/14/11 02:16	1
Benzo[k]fluoranthene	ND		5.5	0.046	ug/L		12/12/11 13:41	12/14/11 02:16	1
Bis(2-chloroethoxy)methane	ND		5.5	0.093	ug/L		12/12/11 13:41	12/14/11 02:16	1
Bis(2-chloroethyl)ether	ND		5.5	1.2	ug/L		12/12/11 13:41	12/14/11 02:16	1
Bis(2-ethylhexyl) phthalate	ND		11	0.95	ug/L		12/12/11 13:41	12/14/11 02:16	1
Butyl benzyl phthalate	ND		5.5	1.4	ug/L		12/12/11 13:41	12/14/11 02:16	1
Chrysene	ND		5.5	0.039	ug/L		12/12/11 13:41	12/14/11 02:16	1
Decane	ND		11	1.7	ug/L		12/12/11 13:41	12/14/11 02:16	1
Dibenz(a,h)anthracene	ND		5.5	0.061	ug/L		12/12/11 13:41	12/14/11 02:16	1
Diethyl phthalate	ND		5.5	0.19	ug/L		12/12/11 13:41	12/14/11 02:16	1
Dimethyl phthalate	ND		5.5	0.18	ug/L		12/12/11 13:41	12/14/11 02:16	1
Di-n-butyl phthalate	ND		5.5	1.0	ug/L		12/12/11 13:41	12/14/11 02:16	1
Di-n-octyl phthalate	ND		5.5	4.9	ug/L		12/12/11 13:41	12/14/11 02:16	1
Fluoranthene	ND		5.5	0.12	ug/L		12/12/11 13:41	12/14/11 02:16	1
Fluorene	ND		5.5	0.047	ug/L		12/12/11 13:41	12/14/11 02:16	1
Hexachlorobenzene	ND		5.5	0.30	ug/L		12/12/11 13:41	12/14/11 02:16	1
Hexachlorobutadiene	ND		5.5	0.68	ug/L		12/12/11 13:41	12/14/11 02:16	1
Hexachlorocyclopentadiene	ND		5.5	0.50	ug/L		12/12/11 13:41	12/14/11 02:16	1
Hexachloroethane	ND		5.5	0.53	ug/L		12/12/11 13:41	12/14/11 02:16	1
Indeno[1,2,3-cd]pyrene	ND		5.5	0.20	ug/L		12/12/11 13:41	12/14/11 02:16	1
Isophorone	ND		5.5	0.17	ug/L		12/12/11 13:41	12/14/11 02:16	1
Naphthalene	ND		5.5	0.088	ug/L		12/12/11 13:41	12/14/11 02:16	1
Nitrobenzene	ND		5.5	0.12	ug/L		12/12/11 13:41	12/14/11 02:16	1
N-Nitrosodimethylamine	ND		11	1.1	ug/L		12/12/11 13:41	12/14/11 02:16	1
N-Nitrosodi-n-propylamine	ND		5.5	0.25	ug/L		12/12/11 13:41	12/14/11 02:16	1
N-Nitrosodiphenylamine	ND		5.5	0.44	ug/L		12/12/11 13:41	12/14/11 02:16	1
n-Octadecane	ND		11	0.77	ug/L		12/12/11 13:41	12/14/11 02:16	1
Pentachlorophenol	ND		11	0.45	ug/L		12/12/11 13:41	12/14/11 02:16	1
Phenanthrene	ND		5.5	0.078	ug/L		12/12/11 13:41	12/14/11 02:16	1
Phenol	ND		5.5	0.13	ug/L		12/12/11 13:41	12/14/11 02:16	1

Client Sample ID: 001 (COMP)

Date Collected: 12/07/11 14:00
Date Received: 12/09/11 16:50

Lab Sample ID: 480-13840-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		5.5	0.045	ug/L		12/12/11 13:41	12/14/11 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*52 - 151*	*12/12/11 13:41*	*12/14/11 02:16*	*1*
2-Fluorobiphenyl	*80*		*44 - 120*	*12/12/11 13:41*	*12/14/11 02:16*	*1*
2-Fluorophenol	*46*		*17 - 120*	*12/12/11 13:41*	*12/14/11 02:16*	*1*
Nitrobenzene-d5	*75*		*42 - 120*	*12/12/11 13:41*	*12/14/11 02:16*	*1*
Phenol-d5	*35*		*10 - 120*	*12/12/11 13:41*	*12/14/11 02:16*	*1*
p-Terphenyl-d14	*51*		*22 - 125*	*12/12/11 13:41*	*12/14/11 02:16*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0030**	**J**	0.010	0.0017	mg/L		12/12/11 08:30	12/12/11 22:42	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		12/15/11 15:50	12/15/11 20:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.10**		0.010	0.0050	mg/L		12/21/11 12:25	12/21/11 13:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.78**	**HF**	0.100	0.100	SU			12/14/11 00:06	1

Client Sample ID: TB

Date Collected: 12/07/11 00:00
Date Received: 12/09/11 16:50

Lab Sample ID: 480-13840-7
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			12/14/11 03:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/14/11 03:38	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/14/11 03:38	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/14/11 03:38	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/14/11 03:38	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/14/11 03:38	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/14/11 03:38	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/14/11 03:38	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/14/11 03:38	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/14/11 03:38	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/14/11 03:38	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/14/11 03:38	1
Acrolein	ND		100	17	ug/L			12/14/11 03:38	1
Acrylonitrile	ND		25	1.9	ug/L			12/14/11 03:38	1
Benzene	ND		5.0	0.60	ug/L			12/14/11 03:38	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/14/11 03:38	1
Bromoform	ND		5.0	0.47	ug/L			12/14/11 03:38	1
Bromomethane	ND		5.0	1.2	ug/L			12/14/11 03:38	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/14/11 03:38	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/14/11 03:38	1

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

TestAmerica Job ID: 480-13840-1

Client Sample ID: TB
Date Collected: 12/07/11 00:00
Date Received: 12/09/11 16:50

Lab Sample ID: 480-13840-7
Matrix: Water

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			12/14/11 03:38	1
Chloroform	ND		5.0	0.54	ug/L			12/14/11 03:38	1
Chloromethane	ND		5.0	0.64	ug/L			12/14/11 03:38	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/14/11 03:38	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/14/11 03:38	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			12/14/11 03:38	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/14/11 03:38	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/14/11 03:38	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/14/11 03:38	1
Toluene	ND		5.0	0.45	ug/L			12/14/11 03:38	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/14/11 03:38	1
Trichloroethene	ND		5.0	0.60	ug/L			12/14/11 03:38	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/14/11 03:38	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/14/11 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*12/14/11 03:38*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*12/14/11 03:38*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*12/14/11 03:38*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-13840-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCE	BFB	TOL							
Lab Sample ID	Client Sample ID	(72-130)	(69-121)	(70-123)							
480-13840-1	001 (COMP)	116	102	99							
480-13840-7	TB	105	95	104							
LCS 480-44161/3	Lab Control Sample	107	101	106							
MB 480-44161/5	Method Blank	111	97	103							

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(42-120)	(10-120)	(22-125)		
480-13840-1	001 (COMP)	82	80	46	75	35	51		
LCS 480-44044/2-A	Lab Control Sample	135	88	64	83	44	95		
LCSD 480-44044/3-A	Lab Control Sample Dup	121	79	58	76	40	90		
MB 480-44044/1-A	Method Blank	121	78	51	65	33	105		

Surrogate Legend

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

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

TestAmerica Job ID: 480-13840-1

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

Lab Sample ID: MB 480-44161/5
Matrix: Water
Analysis Batch: 44161

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			12/13/11 12:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/11 12:28	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/11 12:28	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/11 12:28	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/11 12:28	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/11 12:28	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/11 12:28	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/11 12:28	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/11 12:28	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/11 12:28	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/11 12:28	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/11 12:28	1
Acrolein	ND		100	17	ug/L			12/13/11 12:28	1
Acrylonitrile	ND		25	1.9	ug/L			12/13/11 12:28	1
Benzene	ND		5.0	0.60	ug/L			12/13/11 12:28	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/11 12:28	1
Bromoform	ND		5.0	0.47	ug/L			12/13/11 12:28	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/11 12:28	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/11 12:28	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/13/11 12:28	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/11 12:28	1
Chloroform	ND		5.0	0.54	ug/L			12/13/11 12:28	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/11 12:28	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/11 12:28	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/11 12:28	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			12/13/11 12:28	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/11 12:28	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/11 12:28	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/11 12:28	1
Toluene	ND		5.0	0.45	ug/L			12/13/11 12:28	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/11 12:28	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/11 12:28	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/11 12:28	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/11 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 130*		*12/13/11 12:28*	*1*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*		*12/13/11 12:28*	*1*
Toluene-d8 (Surr)	*103*		*70 - 123*		*12/13/11 12:28*	*1*

Lab Sample ID: LCS 480-44161/3
Matrix: Water
Analysis Batch: 44161

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	17.9		ug/L		90	75 - 125
1,1,2,2-Tetrachloroethane	20.0	23.5		ug/L		118	61 - 140
1,1,2-Trichloroethane	20.0	22.5		ug/L		113	71 - 129
1,1-Dichloroethane	20.0	19.0		ug/L		95	73 - 128

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

Lab Sample ID: LCS 480-44161/3
Matrix: Water
Analysis Batch: 44161

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	16.2		ug/L		81	51 - 150
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	63 - 137
1,2-Dichloroethane	20.0	21.3		ug/L		107	68 - 132
1,2-Dichloropropane	20.0	20.3		ug/L		102	34 - 166
1,3-Dichlorobenzene	20.0	21.5		ug/L		108	73 - 127
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	63 - 137
2-Chloroethyl vinyl ether	100	127		ug/L		127	1 - 224
Benzene	20.0	20.2		ug/L		101	64 - 136
Bromodichloromethane	20.0	17.9		ug/L		90	66 - 135
Bromoform	20.0	16.8		ug/L		84	71 - 129
Bromomethane	20.0	18.1		ug/L		91	14 - 186
Carbon tetrachloride	20.0	15.9		ug/L		80	73 - 127
Chlorobenzene	20.0	20.8		ug/L		104	66 - 134
Chloroethane	20.0	20.8		ug/L		104	38 - 162
Chloroform	20.0	19.2		ug/L		96	68 - 133
Chloromethane	20.0	17.0		ug/L		85	1 - 204
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	24 - 176
Dibromochloromethane	20.0	18.5		ug/L		93	68 - 133
Ethylbenzene	20.0	20.9		ug/L		105	59 - 141
Methylene Chloride	20.0	19.3		ug/L		97	61 - 140
Tetrachloroethene	20.0	19.9		ug/L		100	74 - 127
Toluene	20.0	21.1		ug/L		106	75 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	50 - 150
Trichloroethene	20.0	18.8		ug/L		94	67 - 134
Trichlorofluoromethane	20.0	17.2		ug/L		86	48 - 152
Vinyl chloride	20.0	16.9		ug/L		85	4 - 196

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*
4-Bromofluorobenzene (Surr)	*101*		*69 - 121*
Toluene-d8 (Surr)	*106*		*70 - 123*

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

Lab Sample ID: MB 480-44044/1-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44044

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		12/12/11 13:41	12/13/11 21:15	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		12/12/11 13:41	12/13/11 21:15	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		12/12/11 13:41	12/13/11 21:15	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		12/12/11 13:41	12/13/11 21:15	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		12/12/11 13:41	12/13/11 21:15	1

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

Lab Sample ID: MB 480-44044/1-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44044

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		12/12/11 13:41	12/13/11 21:15	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		12/12/11 13:41	12/13/11 21:15	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		12/12/11 13:41	12/13/11 21:15	1
2-Chlorophenol	ND		5.0	0.16	ug/L		12/12/11 13:41	12/13/11 21:15	1
2-Nitrophenol	ND		5.0	0.14	ug/L		12/12/11 13:41	12/13/11 21:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		12/12/11 13:41	12/13/11 21:15	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		12/12/11 13:41	12/13/11 21:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		12/12/11 13:41	12/13/11 21:15	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		12/12/11 13:41	12/13/11 21:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		12/12/11 13:41	12/13/11 21:15	1
4-Nitrophenol	ND		10	1.3	ug/L		12/12/11 13:41	12/13/11 21:15	1
Acenaphthene	ND		5.0	0.060	ug/L		12/12/11 13:41	12/13/11 21:15	1
Acenaphthylene	ND		5.0	0.034	ug/L		12/12/11 13:41	12/13/11 21:15	1
Anthracene	ND		5.0	0.052	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzidine	ND		80	2.5	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		12/12/11 13:41	12/13/11 21:15	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		12/12/11 13:41	12/13/11 21:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		12/12/11 13:41	12/13/11 21:15	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		12/12/11 13:41	12/13/11 21:15	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		12/12/11 13:41	12/13/11 21:15	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		12/12/11 13:41	12/13/11 21:15	1
Chrysene	ND		5.0	0.036	ug/L		12/12/11 13:41	12/13/11 21:15	1
Decane	ND		10	1.6	ug/L		12/12/11 13:41	12/13/11 21:15	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		12/12/11 13:41	12/13/11 21:15	1
Diethyl phthalate	ND		5.0	0.17	ug/L		12/12/11 13:41	12/13/11 21:15	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		12/12/11 13:41	12/13/11 21:15	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		12/12/11 13:41	12/13/11 21:15	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		12/12/11 13:41	12/13/11 21:15	1
Fluoranthene	ND		5.0	0.11	ug/L		12/12/11 13:41	12/13/11 21:15	1
Fluorene	ND		5.0	0.043	ug/L		12/12/11 13:41	12/13/11 21:15	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		12/12/11 13:41	12/13/11 21:15	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		12/12/11 13:41	12/13/11 21:15	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		12/12/11 13:41	12/13/11 21:15	1
Hexachloroethane	ND		5.0	0.48	ug/L		12/12/11 13:41	12/13/11 21:15	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		12/12/11 13:41	12/13/11 21:15	1
Isophorone	ND		5.0	0.16	ug/L		12/12/11 13:41	12/13/11 21:15	1
Naphthalene	ND		5.0	0.080	ug/L		12/12/11 13:41	12/13/11 21:15	1
Nitrobenzene	ND		5.0	0.11	ug/L		12/12/11 13:41	12/13/11 21:15	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		12/12/11 13:41	12/13/11 21:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		12/12/11 13:41	12/13/11 21:15	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		12/12/11 13:41	12/13/11 21:15	1
n-Octadecane	ND		10	0.70	ug/L		12/12/11 13:41	12/13/11 21:15	1
Pentachlorophenol	ND		10	0.41	ug/L		12/12/11 13:41	12/13/11 21:15	1
Phenanthrene	ND		5.0	0.071	ug/L		12/12/11 13:41	12/13/11 21:15	1
Phenol	ND		5.0	0.12	ug/L		12/12/11 13:41	12/13/11 21:15	1
Pyrene	ND		5.0	0.041	ug/L		12/12/11 13:41	12/13/11 21:15	1

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

Lab Sample ID: MB 480-44044/1-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44044

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	121		52 - 151	12/12/11 13:41	12/13/11 21:15	1
2-Fluorobiphenyl	78		44 - 120	12/12/11 13:41	12/13/11 21:15	1
2-Fluorophenol	51		17 - 120	12/12/11 13:41	12/13/11 21:15	1
Nitrobenzene-d5	65		42 - 120	12/12/11 13:41	12/13/11 21:15	1
Phenol-d5	33		10 - 120	12/12/11 13:41	12/13/11 21:15	1
p-Terphenyl-d14	105		22 - 125	12/12/11 13:41	12/13/11 21:15	1

Lab Sample ID: LCS 480-44044/2-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	62.8		ug/L		63	44 - 142
1,2-Dichlorobenzene	100	54.5		ug/L		55	32 - 129
1,3-Dichlorobenzene	100	54.2		ug/L		54	1 - 172
1,4-Dichlorobenzene	100	57.2		ug/L		57	20 - 124
2,2'-Oxybis(1-chloropropane)	100	76.7		ug/L		77	36 - 166
2,4,6-Trichlorophenol	100	98.9		ug/L		99	37 - 144
2,4-Dichlorophenol	100	94.6		ug/L		95	39 - 135
2,4-Dimethylphenol	100	90.5		ug/L		91	32 - 119
2,4-Dinitrophenol	100	110		ug/L		110	1 - 191
2,4-Dinitrotoluene	100	121		ug/L		121	39 - 139
2,6-Dinitrotoluene	100	127		ug/L		127	50 - 158
2-Chloronaphthalene	100	96.2		ug/L		96	60 - 118
2-Chlorophenol	100	80.7		ug/L		81	23 - 134
2-Nitrophenol	100	105		ug/L		105	29 - 182
3,3'-Dichlorobenzidine	100	79.1		ug/L		79	1 - 262
4,6-Dinitro-2-methylphenol	100	126		ug/L		126	1 - 181
4-Bromophenyl phenyl ether	100	96.7		ug/L		97	53 - 127
4-Chloro-3-methylphenol	100	101		ug/L		101	22 - 147
4-Chlorophenyl phenyl ether	100	105		ug/L		105	25 - 158
4-Nitrophenol	100	47.6		ug/L		48	1 - 132
Acenaphthene	100	101		ug/L		101	47 - 145
Acenaphthylene	100	104		ug/L		104	33 - 145
Anthracene	100	110		ug/L		110	27 - 133
Benzo[a]anthracene	100	108		ug/L		108	33 - 143
Benzo[a]pyrene	100	107		ug/L		107	17 - 163
Benzo[b]fluoranthene	100	102		ug/L		102	24 - 159
Benzo[g,h,i]perylene	100	111		ug/L		111	1 - 219
Benzo[k]fluoranthene	100	106		ug/L		106	11 - 162
Bis(2-chloroethoxy)methane	100	98.7		ug/L		99	33 - 184
Bis(2-chloroethyl)ether	100	83.7		ug/L		84	12 - 158
Bis(2-ethylhexyl) phthalate	100	116		ug/L		116	8 - 158
Butyl benzyl phthalate	100	112		ug/L		112	1 - 152
Chrysene	100	110		ug/L		110	17 - 168
Dibenz(a,h)anthracene	100	119		ug/L		119	1 - 227
Diethyl phthalate	100	100		ug/L		100	1 - 114
Dimethyl phthalate	100	111		ug/L		111	1 - 112
Di-n-butyl phthalate	100	111		ug/L		111	1 - 118

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

Lab Sample ID: LCS 480-44044/2-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	100	118		ug/L		118	4 - 146
Fluoranthene	100	107		ug/L		107	26 - 137
Fluorene	100	111		ug/L		111	59 - 121
Hexachlorobenzene	100	97.7		ug/L		98	1 - 152
Hexachlorocyclopentadiene	100	53.2		ug/L		53	5 - 120
Hexachloroethane	100	47.2		ug/L		47	40 - 113
Indeno[1,2,3-cd]pyrene	100	114		ug/L		114	1 - 171
Isophorone	100	96.7		ug/L		97	21 - 196
Naphthalene	100	82.5		ug/L		83	21 - 133
Nitrobenzene	100	88.4		ug/L		88	35 - 180
N-Nitrosodi-n-propylamine	100	86.6		ug/L		87	1 - 230
N-Nitrosodiphenylamine	100	115		ug/L		115	54 - 125
Pentachlorophenol	100	91.9		ug/L		92	14 - 176
Phenanthrene	100	111		ug/L		111	54 - 120
Phenol	100	41.7		ug/L		42	5 - 112
Pyrene	100	108		ug/L		108	52 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*135*		*52 - 151*
2-Fluorobiphenyl	*88*		*44 - 120*
2-Fluorophenol	*64*		*17 - 120*
Nitrobenzene-d5	*83*		*42 - 120*
Phenol-d5	*44*		*10 - 120*
p-Terphenyl-d14	*95*		*22 - 125*

Lab Sample ID: LCSD 480-44044/3-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44044

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	59.5		ug/L		60	44 - 142	5	34
1,2-Dichlorobenzene	100	52.1		ug/L		52	32 - 129	5	38
1,3-Dichlorobenzene	100	50.4		ug/L		50	1 - 172	7	37
1,4-Dichlorobenzene	100	53.5		ug/L		54	20 - 124	7	40
2,2'-Oxybis(1-chloropropane)	100	74.6		ug/L		75	36 - 166	3	36
2,4,6-Trichlorophenol	100	91.4		ug/L		91	37 - 144	8	20
2,4-Dichlorophenol	100	87.1		ug/L		87	39 - 135	8	23
2,4-Dimethylphenol	100	84.1		ug/L		84	32 - 119	7	18
2,4-Dinitrophenol	100	109		ug/L		109	1 - 191	1	29
2,4-Dinitrotoluene	100	111		ug/L		111	39 - 139	9	20
2,6-Dinitrotoluene	100	116		ug/L		116	50 - 158	9	17
2-Chloronaphthalene	100	90.8		ug/L		91	60 - 118	6	30
2-Chlorophenol	100	78.0		ug/L		78	23 - 134	3	26
2-Nitrophenol	100	95.8		ug/L		96	29 - 182	9	28
3,3'-Dichlorobenzidine	100	76.3		ug/L		76	1 - 262	4	31
4,6-Dinitro-2-methylphenol	100	119		ug/L		119	1 - 181	6	30
4-Bromophenyl phenyl ether	100	90.7		ug/L		91	53 - 127	6	16
4-Chloro-3-methylphenol	100	93.2		ug/L		93	22 - 147	8	16
4-Chlorophenyl phenyl ether	100	93.0		ug/L		93	25 - 158	12	15

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

Lab Sample ID: LCSD 480-44044/3-A
Matrix: Water
Analysis Batch: 44223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44044

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	34.7	*	ug/L		35	1 - 132	31	24
Acenaphthene			100	92.9		ug/L		93	47 - 145	8	25
Acenaphthylene			100	96.7		ug/L		97	33 - 145	7	22
Anthracene			100	103		ug/L		103	27 - 133	7	15
Benzo[a]anthracene			100	104		ug/L		104	33 - 143	4	15
Benzo[a]pyrene			100	102		ug/L		102	17 - 163	5	15
Benzo[b]fluoranthene			100	88.7		ug/L		89	24 - 159	14	17
Benzo[g,h,i]perylene			100	106		ug/L		106	1 - 219	5	19
Benzo[k]fluoranthene			100	110		ug/L		110	11 - 162	4	19
Bis(2-chloroethoxy)methane			100	92.3		ug/L		92	33 - 184	7	23
Bis(2-chloroethyl)ether			100	80.2		ug/L		80	12 - 158	4	33
Bis(2-ethylhexyl) phthalate			100	111		ug/L		111	8 - 158	4	15
Butyl benzyl phthalate			100	106		ug/L		106	1 - 152	6	15
Chrysene			100	104		ug/L		104	17 - 168	5	15
Dibenz(a,h)anthracene			100	111		ug/L		111	1 - 227	7	18
Diethyl phthalate			100	92.3		ug/L		92	1 - 114	8	15
Dimethyl phthalate			100	102		ug/L		102	1 - 112	8	15
Di-n-butyl phthalate			100	105		ug/L		105	1 - 118	5	15
Di-n-octyl phthalate			100	115		ug/L		115	4 - 146	3	15
Fluoranthene			100	99.8		ug/L		100	26 - 137	7	15
Fluorene			100	101		ug/L		101	59 - 121	10	18
Hexachlorobenzene			100	90.9		ug/L		91	1 - 152	7	15
Hexachlorocyclopentadiene			100	50.3		ug/L		50	5 - 120	6	50
Hexachloroethane			100	42.0		ug/L		42	40 - 113	12	43
Indeno[1,2,3-cd]pyrene			100	108		ug/L		108	1 - 171	5	17
Isophorone			100	89.5		ug/L		90	21 - 196	8	21
Naphthalene			100	77.6		ug/L		78	21 - 133	6	31
Nitrobenzene			100	80.2		ug/L		80	35 - 180	10	27
N-Nitrosodi-n-propylamine			100	83.3		ug/L		83	1 - 230	4	23
N-Nitrosodiphenylamine			100	106		ug/L		106	54 - 125	8	15
Pentachlorophenol			100	88.4		ug/L		88	14 - 176	4	21
Phenanthrene			100	104		ug/L		104	54 - 120	7	16
Phenol			100	39.9		ug/L		40	5 - 112	4	36
Pyrene			100	105		ug/L		105	52 - 115	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*
2-Fluorobiphenyl	*79*		*44 - 120*
2-Fluorophenol	*58*		*17 - 120*
Nitrobenzene-d5	*76*		*42 - 120*
Phenol-d5	*40*		*10 - 120*
p-Terphenyl-d14	*90*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-43963/1-A
Matrix: Water
Analysis Batch: 44153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		12/12/11 08:30	12/12/11 21:37	1

Lab Sample ID: LCS 480-43963/2-A
Matrix: Water
Analysis Batch: 44153

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.188		mg/L		94	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-44692/25-A
Matrix: Water
Analysis Batch: 44852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		12/15/11 15:50	12/15/11 20:29	1

Lab Sample ID: LCS 480-44692/24-A
Matrix: Water
Analysis Batch: 44852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00695		mg/L		104	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-45469/2-A
Matrix: Water
Analysis Batch: 45555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		12/21/11 12:25	12/21/11 13:24	1

Lab Sample ID: LCS 480-45469/1-A
Matrix: Water
Analysis Batch: 45555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.412		mg/L		103	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-44338/1
Matrix: Water
Analysis Batch: 44338

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	7.010		SU		100	99 - 101

GC/MS VOA

Analysis Batch: 44161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	624	
480-13840-7	TB	Total/NA	Water	624	
LCS 480-44161/3	Lab Control Sample	Total/NA	Water	624	
MB 480-44161/5	Method Blank	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 44044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	625	
LCS 480-44044/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-44044/3-A	Lab Control Sample Dup	Total/NA	Water	625	
MB 480-44044/1-A	Method Blank	Total/NA	Water	625	

Analysis Batch: 44223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	625	44044
LCS 480-44044/2-A	Lab Control Sample	Total/NA	Water	625	44044
LCSD 480-44044/3-A	Lab Control Sample Dup	Total/NA	Water	625	44044
MB 480-44044/1-A	Method Blank	Total/NA	Water	625	44044

Metals

Prep Batch: 43963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	200.7	
LCS 480-43963/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-43963/1-A	Method Blank	Total/NA	Water	200.7	

Analysis Batch: 44153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	200.7 Rev 4.4	43963
LCS 480-43963/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	43963
MB 480-43963/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	43963

Prep Batch: 44692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	245.1	
LCS 480-44692/24-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-44692/25-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 44852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	245.1	44692
LCS 480-44692/24-A	Lab Control Sample	Total/NA	Water	245.1	44692
MB 480-44692/25-A	Method Blank	Total/NA	Water	245.1	44692

General Chemistry

Analysis Batch: 44338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	SM 4500 H+ B	
LCS 480-44338/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 45469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	Distill/CN	
LCS 480-45469/1-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 480-45469/2-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 45555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13840-1	001 (COMP)	Total/NA	Water	335.4	45469
LCS 480-45469/1-A	Lab Control Sample	Total/NA	Water	335.4	45469
MB 480-45469/2-A	Method Blank	Total/NA	Water	335.4	45469

Lab Chronicle

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

TestAmerica Job ID: 480-13840-1

Client Sample ID: 001 (COMP)

Lab Sample ID: 480-13840-1

Date Collected: 12/07/11 14:00

Matrix: Water

Date Received: 12/09/11 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	44161	12/14/11 03:12	TRB	TAL BUF
Total/NA	Prep	625			44044	12/12/11 13:41	KB	TAL BUF
Total/NA	Analysis	625		1	44223	12/14/11 02:16	RMM	TAL BUF
Total/NA	Prep	200.7			43963	12/12/11 08:30	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	44153	12/12/11 22:42	LH	TAL BUF
Total/NA	Prep	245.1			44692	12/15/11 15:50	MM	TAL BUF
Total/NA	Analysis	245.1		1	44852	12/15/11 20:12	MM	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	44338	12/14/11 00:06	KS	TAL BUF
Total/NA	Prep	Distill/CN			45469	12/21/11 12:25	JR	TAL BUF
Total/NA	Analysis	335.4		1	45555	12/21/11 13:41	JR	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-13840-7

Date Collected: 12/07/11 00:00

Matrix: Water

Date Received: 12/09/11 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	44161	12/14/11 03:38	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: 480-13840-1

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: 480-13840-1

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: 480-13840-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-13840-1	001 (COMP)	Water	12/07/11 14:00	12/09/11 16:50
480-13840-7	TB	Water	12/07/11 00:00	12/09/11 16:50

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

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-15250-1280.1
Client Contact: Mr. Brent Miller	Phone: 484-645-2301	E-Mail: denise.giglia@testamericainc.com		Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc				Job #:
Address: 158 Sonwil Drive	Due Date Requested:	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:
City: Cheektowaga	TAT Requested (days): 10 DAY			
State, Zip: NY, 14225	PO #: 0901204-15-220			
Phone: 484-325-0280(Tel)	WO #:			
Email: bmiller@gesonline.com	Project #: 48002463			
Project Name: Bristol Myers Squibb Monthly	SSOW#:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.0, 353.2	624_Enl - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	335.4 - Cyanide, Total	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	B	N		
001	12-7-11	0800	G	Water			X	X	X	X	X		Comp. Samples at Lab befor running
001	12-7-11	1000	G	Water			X	X	X	X	X		
001	12-7-11	1200	G	Water			X	X	X	X	X		
001	12-7-11	1400	G	water			X	X	X	X	X		
Trip Blank													

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: Brent Miller	12-7-11 1500	GES	Received by:	12-09-11 13:55	BFLO
Relinquished by:	12-09-11 1650	BFLO	Received by:	12/9/11 1650	TA
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-13840-1

Login Number: 13840

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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 COMP
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	False	LAB TO CHECK

APPENDIX E-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

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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

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements

BOLD values indicate concentration exceeds discharge limit

APPENDIX E-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		
		Daily Max.	M.A.I.D.[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.

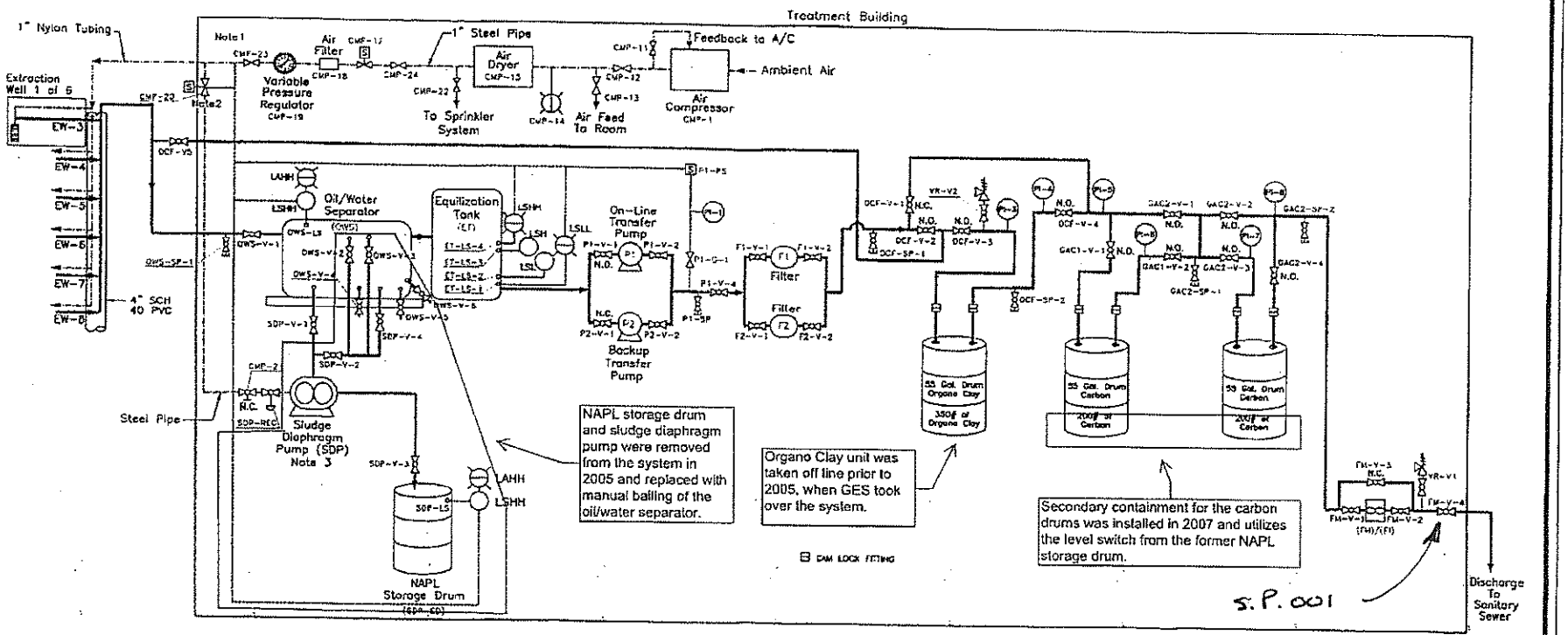
(5) The Master Meter flow meter must be calibrated and certified by a certified Master Meter representative. This certification must be submitted annually with the December quarterly monitoring report.

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



NOTES:

1. Solenoid valve is activated to the off position under ony of the following conditions:
   (a) LSHH at the oil-water separator is activated;
   (b) LSHH at equilization tank is activated;
   (c) P1-PS high pump discharge pressure switch is activated.
2. Solenoid valve is activated to the off position where LSHH at NAPL storage drum is activated.
3. Double diaphragm pump is manually operated.

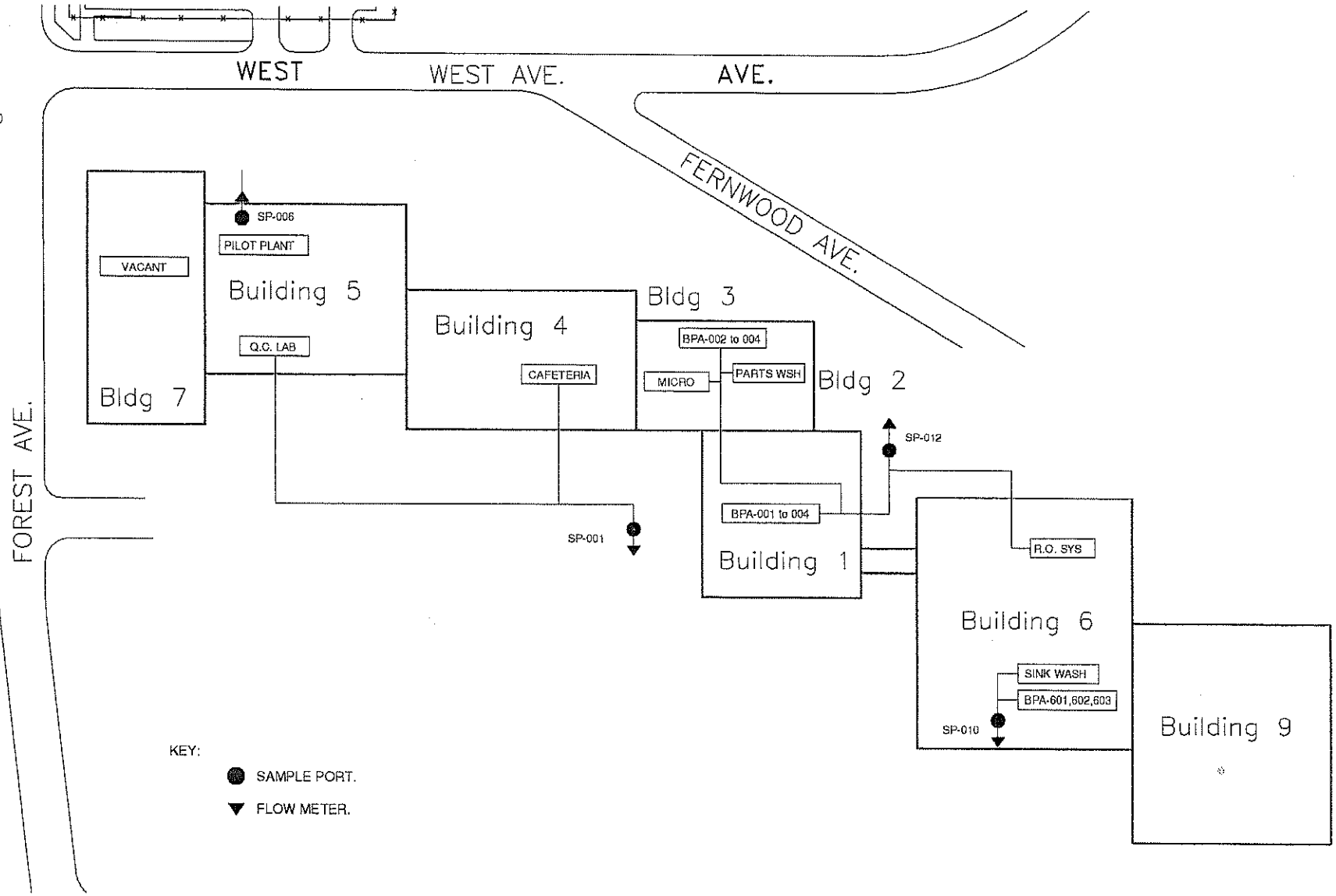
TITLE: PROCESS FLOW DIAGRAM WITH INSTRUMENTATION AND CONTROL LOOPS

LOCATION: IG/WP Site - Buffalo, NY

GeoTrans, Inc.

CHECKED	HLH
DRAFTED	CMP
FILE	3852011002A.DWG
DATE	9-1-04

FIGURE: 3.1



NUMBER	DESCRIPTION
REF. DWGS.	

LETT.	ALTERATION	BY	DATE	CH'K'D.	APV'D.

CPL

TITLE: 'CPL' WASTEWATER FLOW SCHEMATIC

SCALE				
NONE	DRAWN	HL	9/10/08	SITE-2-A-WASTEWATER-FLOW-SCHEM
	CH'K'D.			
	APV'D.			

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 it's 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 F
Institutional and Engineering Controls Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 915141A

Site Name Iroquois Gas/Westwood Pharm. Terrestrial

Site Address: 100 Forest Avenue Zip Code: 14213
City/Town: Buffalo
County: Erie
Site Acreage: 8.8

Reporting Period: ~~February 15, 2011 to February 15, 2012~~
July 1, 2011 to December 31, 2011

	YES	NO
1. Is the information above correct?	☐	■
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	■
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	■
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	■
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	■

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	■	☐
7. Are all ICs/ECs in place and functioning as designed?	■	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915141A **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
88.50-1-5.2	Bristol-Myers Squibb Company	Landuse Restriction Monitoring Plan O&M Plan
88.50-1-5.1	Bristol-Myers Squibb Company	Landuse Restriction Monitoring Plan O&M Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
88.50-1-5.2	Cover System Fencing/Access Control Groundwater Containment Groundwater Treatment System Leachate Collection Subsurface Barriers
88.50-1-5.1	Cover System Fencing/Access Control Groundwater Containment Groundwater Treatment System Leachate Collection Subsurface Barriers

Engineering Control Details for Site No. 915141A

Parcel: 88.50-1-5.1

Pursuant to a 1994 Record of Decision, a Consent Decree filed in CIV-90-1324C, and in the Declaration of Covenants and Restrictions recorded with Erie County on August 21, 1995, the controls identified include: the property cannot be used for purposes other than industrial operations; engineering controls consisting of a groundwater containment system, a vertical impermeable barrier, fencing and access control, extraction wells and a treatment system for groundwater and NAPL.

These restrictive covenants are binding and shall run with the land.

Parcel: 88.50-1-5.2

Pursuant to a 1994 Record of Decision, a Consent Decree filed in CIV-90-1324C, and in the Declaration of Covenants and Restrictions recorded with Erie County on August 21, 1995, the controls identified include: a clay cap over the contaminated area, an impermeable sheet piling barrier wall for hydraulic gradient control, extraction wells and a treatment system for contaminated groundwater and NAPL, a groundwater containment system, long-term monitoring, land use restrictions, and fencing and access control.

These restrictive covenants are binding and shall run with the land.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
■	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
■	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 915141A

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Douglas A. Morrison at Box Thomson Road, East Syracuse, NY 13057,
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

2/13/12
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald Cresap (print name) at GES, 364 Littleton Rd, Westford, MA (print business address)

am certifying as a Professional Engineer for the _____ (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

2/20/2012
Date