Groundwater
& Environmental Services, Inc.

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September 30, 2011

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

RE: Iroquois Gas/Westwood Pharmaceuticals Site
100 Forest Avenue, Buffalo, New York 14213
Site No. 9-15-141A
Periodic Review Report
First Semi-Annual Report for 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 January 1, 2011 through June 30, 2011.

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

Thank you.

Regards,

J Siniscalchi FOR
Andrew Janik
Project Manager

cc: Glenn May, CPG, NYSDEC
Dan Darragh, Buchanan Ingersoll, via email: ddarragh@cohenlaw.com
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
First 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

September 2011

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EXECUTIVE SUMMARY

INTRODUCTION

This First 2011 Semi-Annual Periodic Review Report (PRR) for the Iroquois Gas/Westwood Pharmaceutical site summarizes the monitoring, maintenance, and compliance activities conducted from January 1 through June 30, 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 piling 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.

Treatment system 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. In accordance with the treatment system discharge permit for the site, the January, February, March, and April 2011 monthly treatment system sample analyses included pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and semi-volatile organic compounds (SVOCs) via USEPA Method 625. As a result of laboratory and personnel error, the May and June 2011 sampling events were analyzed for VOCs and SVOCs only. The Buffalo Sewer Authority was contacted and the situation was rectified with the laboratory.

The quarterly cap inspections were completed during the reporting period to ensure the cap is providing proper containment of on-site contaminants, eliminating the threat of surface water coming into contact with the underground contaminants, and eliminating the threat of exposure to surficial contaminants to on-site workers and contractors. The cap system includes areas that have existing structures (i.e. Building No. 6 and 9), sealed asphalt covering, and open areas

where a clay barrier was constructed. The clay barrier was covered with either topsoil and shallow root vegetation or a stone barrier (i.e. access road).

MONITORING SUMMARY

Analytical data for the June 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 MW-F2 and MW-F4. Relatively minor BTEX concentrations are present in B-3, B-6, B-7, and MW-F3. There were no significant changes regarding BTEX concentrations when comparing the June 2011 sample results to historical results.

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 March 31, and May 11, 2011. The formal cap inspection with the NYSDEC was conducted on May 11, 2011. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the March and May 2011 inspections.

SYSTEM EFFECTIVENESS

Monthly analytical discharge data for the January, February, March, and April 2011 sampling events indicate that the treatment system has been operating/discharging in accordance with the permitted discharge limits. Even though the May and June 2011 sampling events did not include analyses of pH, Total Mercury, Total Zinc, and Total Cyanide, these constituents have never exceeded permitted values in the past. As there were no obvious changes in the groundwater entering the treatment system, it can be inferred that concentrations of pH, Total Mercury, Total Zinc, and Total Cyanide would have been below the permitted requirements for the month of May 2011 and June 2011.

Approximately 11.5 gallons of NAPL were collected during the first quarter 2011 (January - March) and approximately 21 gallons of NAPL were collected during the second quarter 2011 (April - June). Based on the treatment system analytical data and the NAPL recovery for the reporting period, the system is operating as designed.

Approximately 71,110 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 30,130 gallons were treated and discharged during

the first quarter 2011 and approximately 40,980 gallons were treated and discharged during the second quarter 2011. When compared to historical first and second quarter discharge volumes, the first quarter volume was relatively low and the second quarter values were consistent with previous years. A potential cause for the low discharge volume in the first quarter 2011 can be attributed to a faulty extraction well pump in EW-5, which was subsequently repaired.

The treatment system operated at approximately 99% during the first quarter and at 99% during the second quarter. The first quarter down-time was due to the change out of extraction well pump EW-5. The second quarter down-time was due to process line repairs in the vault of extraction well EW-7. There were no system operational alarms during the reporting period.

GROUNDWATER TREATMENT SYSTEM MODIFICATIONS

Each extraction well is equipped with a submersible pneumatic total fluids recovery pump. Based on treatment system discharge, the pumps performance can be monitored. As the discharge begins to stabilize or decrease over time an operational check of each pump is performed. In February 2011, the submersible pump in extraction well EW-5 was replaced.

Future Modifications

In September 2010, the second and first carbon vessels, respectively, were identified as having very slow leaks from the bottom of each drum. The leaking vessels produced less than a gallon of water each, which was contained within the secondary containment area. There was no release/discharge of untreated water to the environment or to the Buffalo Sewer Authority. The leaking vessels were drained and new vessels were placed in service. Due to concerns about potential future leaks from corroded drums, GES will be replacing the 55-gallon steel drums with fiberglass reinforced plastic (FRP) vessels. With the FRP vessels, leaks are not anticipated and carbon can be replaced as needed. This should both prevent any leakage and prolong the life of the carbon. GES anticipates replacing the 55-gallon steel drums with the FRP vessels in fall 2011, assuming no leaks occur before then.

CONCLUSIONS

- On-site operation, maintenance, and monitoring activities continue to be completed in accordance with the procedures outlined in the O&M Manual to ensure the effectiveness of the remedial systems in maintaining compliance with the remediation goals created for the site.

- Based on the data collected from January through June 2011, all aspects of the remedial systems are operating within design specifications.

- The treatment system discharge volume for the first quarter 2011 was relatively low when compared to historical first quarter volumes. GES attributes the lower volume due to a faulty extraction well pump, which was replaced in February 2011. The discharge volume for the second quarter 2011 was consistent with historical second quarter volumes.

- As a result of the June 2010 leaking carbon drum issue, the 55-gallon steel drums will be replaced with FRP vessels in fall 2011, assuming no leaks occur before then.

- 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/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).

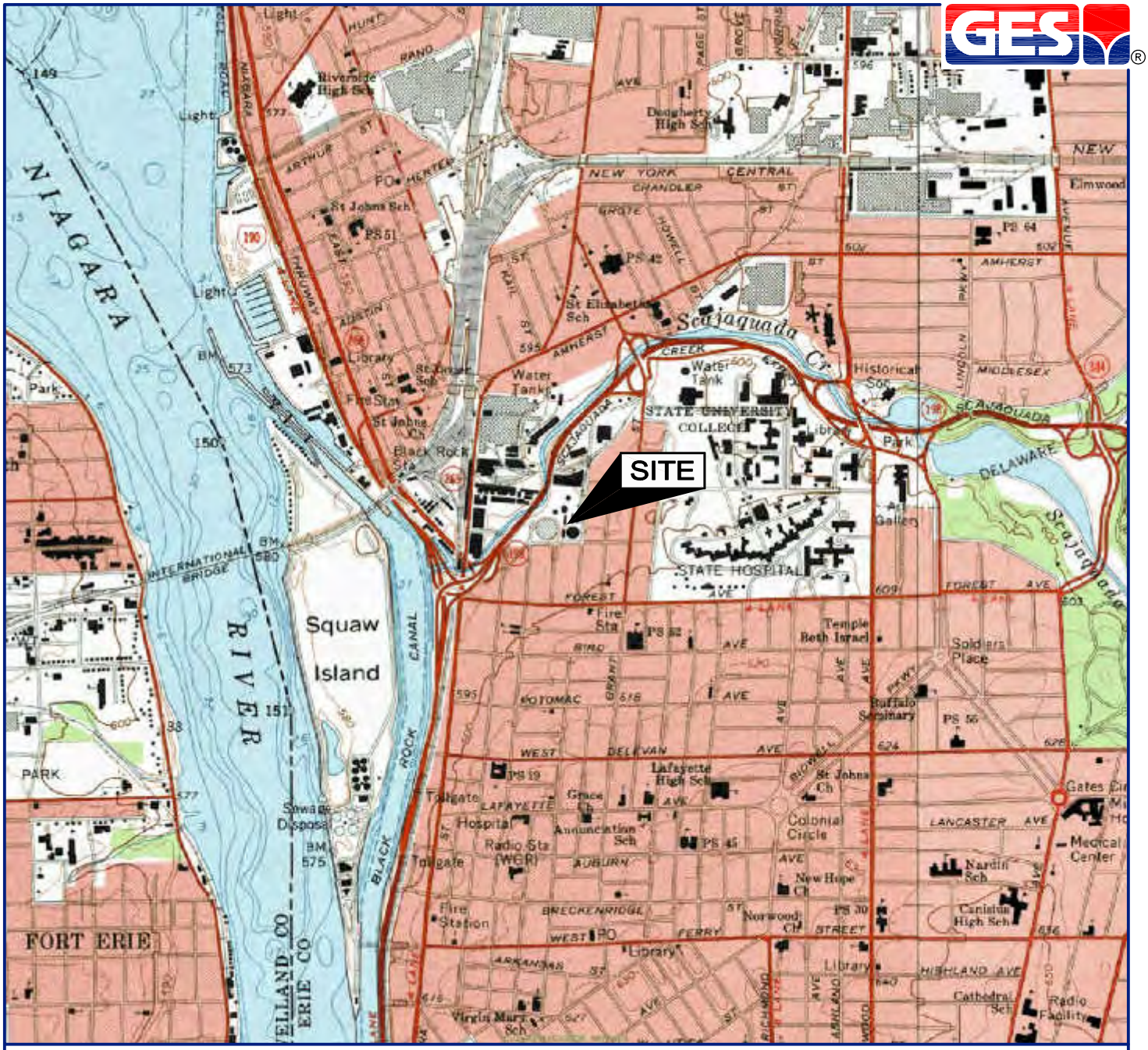
Presently, the environmental monitoring system for groundwater and surface water includes the following:

- 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

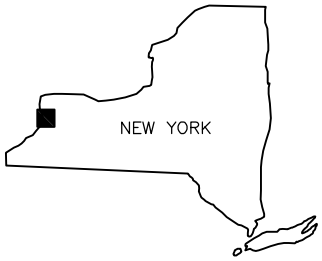
- Piezometers P-1 through P-6. These were installed to measure the hydraulic gradient between the recovery wells and Scajaquada Creek and to monitor the performance of the extraction well system.

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.

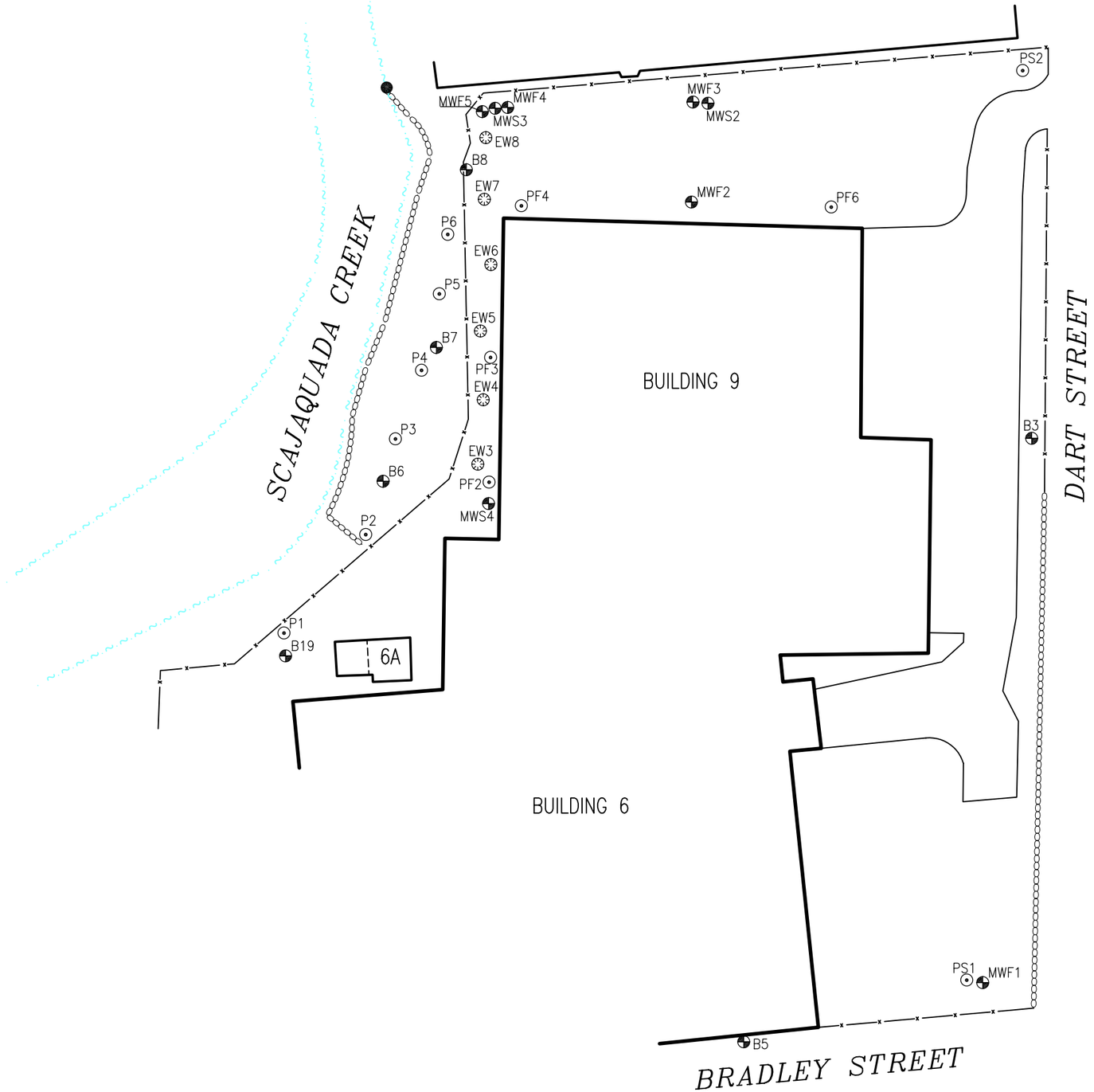


SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1965
BUFFALO, NORTHWEST
CONTOUR INTERVAL = 10'



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:	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225
NORTH	SCALE IN FEET: 0 – 2000 / DATE: 2-11-2010 / FIGURE: 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: 3-14-11 / 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
- Pump & Treat of Groundwater
- 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, with the exception of the subsurface barrier. The O&M Manual does not provide guidance on the monitoring of the subsurface barrier; however GES routinely monitors the bank of the Creek for obvious deficiencies (slumping of the bank, seepage of water from the bank, etc.). Based on the visual observations of the bank and the discussion of water table elevations in the piezometers in Section 3.2, GES can infer that the subsurface barrier is operating within design specifications.

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.

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 quarterly basis. The monitoring wells were gauged and sampled on June 29, 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 March and June 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 first and second 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 March 31, and May 11, 2011. The formal cap inspection with the NYSDEC was conducted on May 11, 2011. No problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls during the March and May 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 January 1 through June 30, 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

On February 23, 2011, one 55-gallon drum containing PPE/miscellaneous debris, one 55-gallon drum containing NAPL that is drained from the oil/water separator on a weekly basis and liquid/sludge from the annual system cleaning, two spent carbon drums, one Organo Clay drum, and two 55-gallon drums of drill cuttings (in sample jars) and one 55-gallon drum of groundwater (in sample jars) from historical drilling/sampling activities were picked up by Clean Harbors Environmental Services, Inc. of East Syracuse, New York and transported to the Clean Harbors El Dorado LLC facility in El Dorado, Arkansas and Spring Grove Resource Recovery Inc facility in Cincinnati, Ohio for disposal. A Hazardous Waste Notification letter, including a copy of the hazardous waste manifests, was submitted to the NYSDEC Division of Solid and Hazardous Materials, Hazardous Waste Notification Section in September 2011. A copy of the hazardous waste manifests is provided in **Appendix F**.

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, which provides cover for the sheet piling wall, is monitored during routine site visits for signs of groundwater seepage or rodent activity.	Weekly	None Noted	NA

Table 2.2

2011 Quarterly Water Level Measurements

WELL NAME	WELL SIZE	1Q2011 3/31/2011 DTW (BTOC)	2Q2011 6/24/2011 DTW (BTOC)
EW-3	8"	20.58	22.02
EW-4	8"	24.55	23.98
EW-5	8"	24.74	24.02
EW-6	8"	23.31	23.22
EW-7	8"	23.5	22.32
EW-8	8"	25.09	24.86
P-1	2"	14.86	14.31
P-2	2"	17.27	17.01
P-3	2"	21.33	20.89
P-4	2"	21.98	21.52
P-5	2"	18.29	18.09
P-6	2"	19.48	18.73
Creek	NA	13.00	12.40

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. Visually inspect Scajaquada Creek and bank (from Creek up to cap).
3. Inspect extraction wells, vaults and piezometers for proper operation and integrity.
4. Drain collected NAPL from the oil/water separator and transfer to product drum for disposal.
5. Inspect the treatment building, carbon vessels, pipes, valves, fittings and all equipment for proper working operations.
6. Perform a site walk and visual inspection of the cap, grounds and paved areas.

Monthly

1. Test alarm telemetry system for proper operation.
2. Inspect fire extinguishers.
3. Inspect eye wash station.
4. Clean the equalization tank float switches and test for proper operation.
5. Review all material safety data sheets.

Quarterly

1. Perform/document cap inspection and complete the Quarterly Cap Inspection Report.
2. Visually inspect the air compressor v-belts and intake filters.
3. Visually check the coalescing pack in the oil/water separator.
4. Test all transfer pumps.
5. Test all pressure relief valves.
6. Perform a fixed fire system inspection and service, as needed.

Semi-Annually

1. Perform cap inspection with a NYSDEC representative.
2. Test all system safety shutdown devices.
3. Change out liquid phase carbon vessels, or as needed.
4. Change out eye wash solution.
5. 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. Calibrate and test the totalizer.

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

Notes:

First Quarter: No deficiencies were noted during the inspection.

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

Third Quarter:

Fourth Quarter:

SECTION 3
MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Semi-annual groundwater sampling was conducted on June 29, 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 June 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 MW-F2 and MW-F4. Relatively minor BTEX concentrations are present in B-3, B-6, B-7, and MW-F3. There were no significant changes regarding BTEX concentrations when comparing the June 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, is to eliminate the potential for migration of impacted groundwater from the site to the environment. To verify that an inward hydraulic gradient is maintained, quarterly water level data is collected from the extraction wells, piezometers, and Scajaquada Creek.

Hydrographs for the extraction wells and piezometers, representing the past year, are provided in **Figure 3.1** and **Figure 3.2** and the first and second quarter 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. Piezometers P-3 and P-4 have consistently and historically been lower 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 71,110 gallons of groundwater were treated and discharged to the sewer during the reporting period. Approximately 30,130 gallons were treated and discharged during the first quarter 2011 and approximately 40,980 gallons were treated and discharged during the second quarter 2011. When compared to historical first and second quarter discharge volumes, the first quarter volume was relatively low and the second quarter values were consistent with previous years. The low discharge volume in the first quarter 2011 can be attributed to a faulty extraction well pump in EW-5, which was replaced in February 2011.

The treatment system operated at approximately 99% during the first quarter and at 99% during the second quarter. The first quarter down-time was due to the change out of extraction well pump EW-5. The second quarter down-time was due to process line repairs in the vault of extraction well EW-7. There were no system operational alarms during the reporting period.

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 11.5 gallons of NAPL were collected during the first quarter 2011 and approximately 21 gallons of NAPL were collected during the second quarter 2011.

In accordance with the treatment system discharge permit for the site, the January, February, March, and April 2011 monthly treatment system sample analyses included pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and SVOCs via USEPA Method 625. As a result of laboratory and personnel error, the May and June 2011 sampling events were analyzed for VOCs and SVOCs only. Even though the May and June 2011 sampling events did not include analyses of pH, Total Mercury, Total Zinc, and Total Cyanide, these constituents have never exceeded permitted values in the past. As there were no obvious changes in the groundwater entering the treatment system, it can be inferred that concentrations of pH, Total Mercury, Total Zinc, and Total Cyanide would have been below the permitted requirements for the month of May 2011 and June 2011. The Buffalo Sewer Authority was contacted and the situation was rectified with the laboratory. 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**.

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)
B-3	12/22/2009	10.48	7.5	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	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
B-6	12/22/2009	18.51	7.9	0.053	0.055	ND<0.20	ND<0.40	ND<0.20
	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
B-7	12/22/2009	20.17	7.8	0.52	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	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
B-8	12/22/2009	18.41	7.4	55	0.81	48	5.4	12
	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
MW-F2	12/22/2009	15.24	6.9	130	19	920	780	480
	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
MW-F3	12/22/2009	5.35	6.9	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0
	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
MW-F4	12/22/2009	17.09	7.8	86	4.2	180	33	81
	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
PS-1	12/22/2009	10.55	7.6	0.042	0.079	ND<0.20	0.11	0.066
	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

Notes:
ft = feet
µg/L = micrograms per liter
ND = non detect (value indicates reporting limit)

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

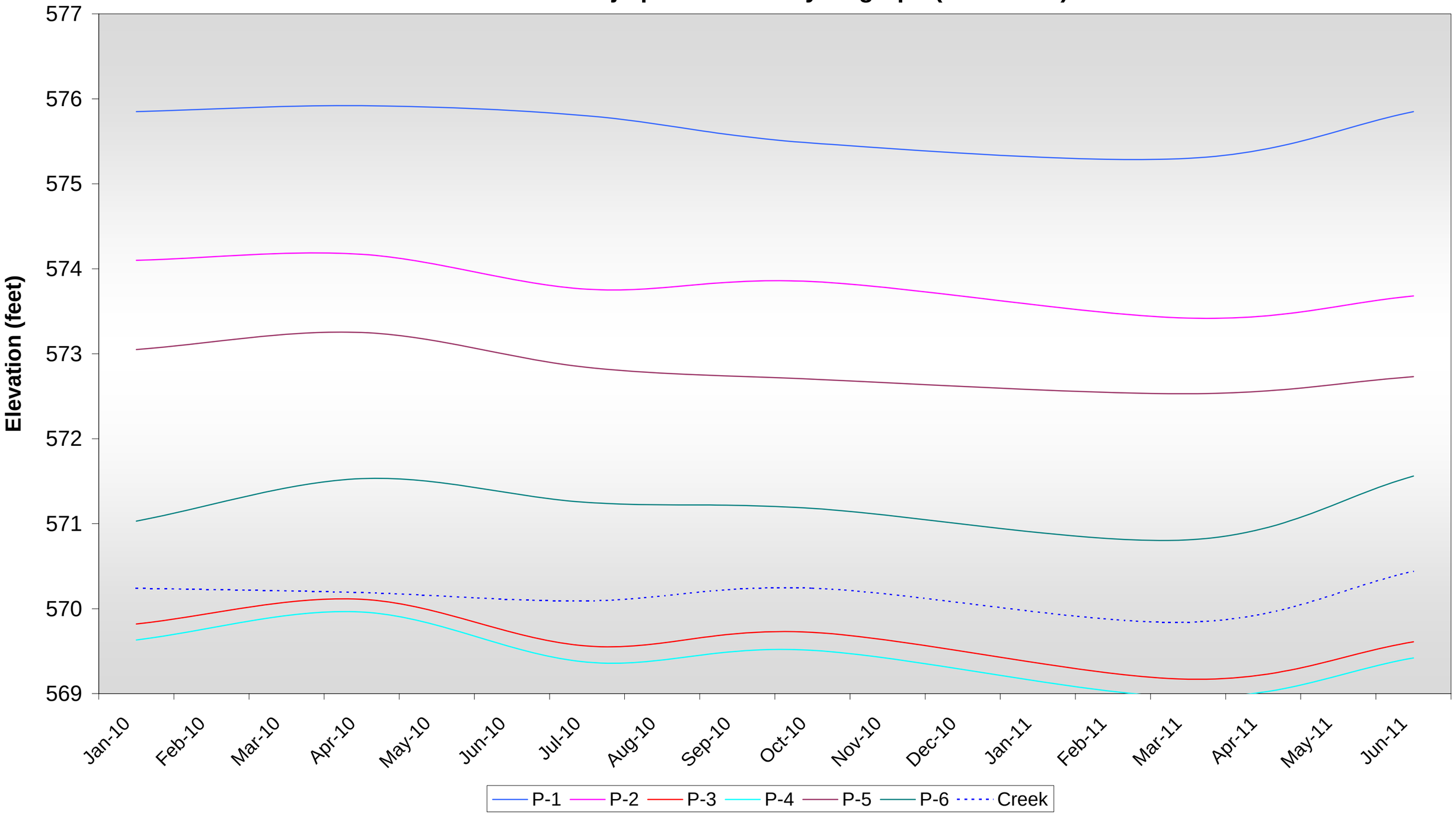


Figure 3.2
Extraction Well and Scajaquada Creek Hydrograph (2010-2011)

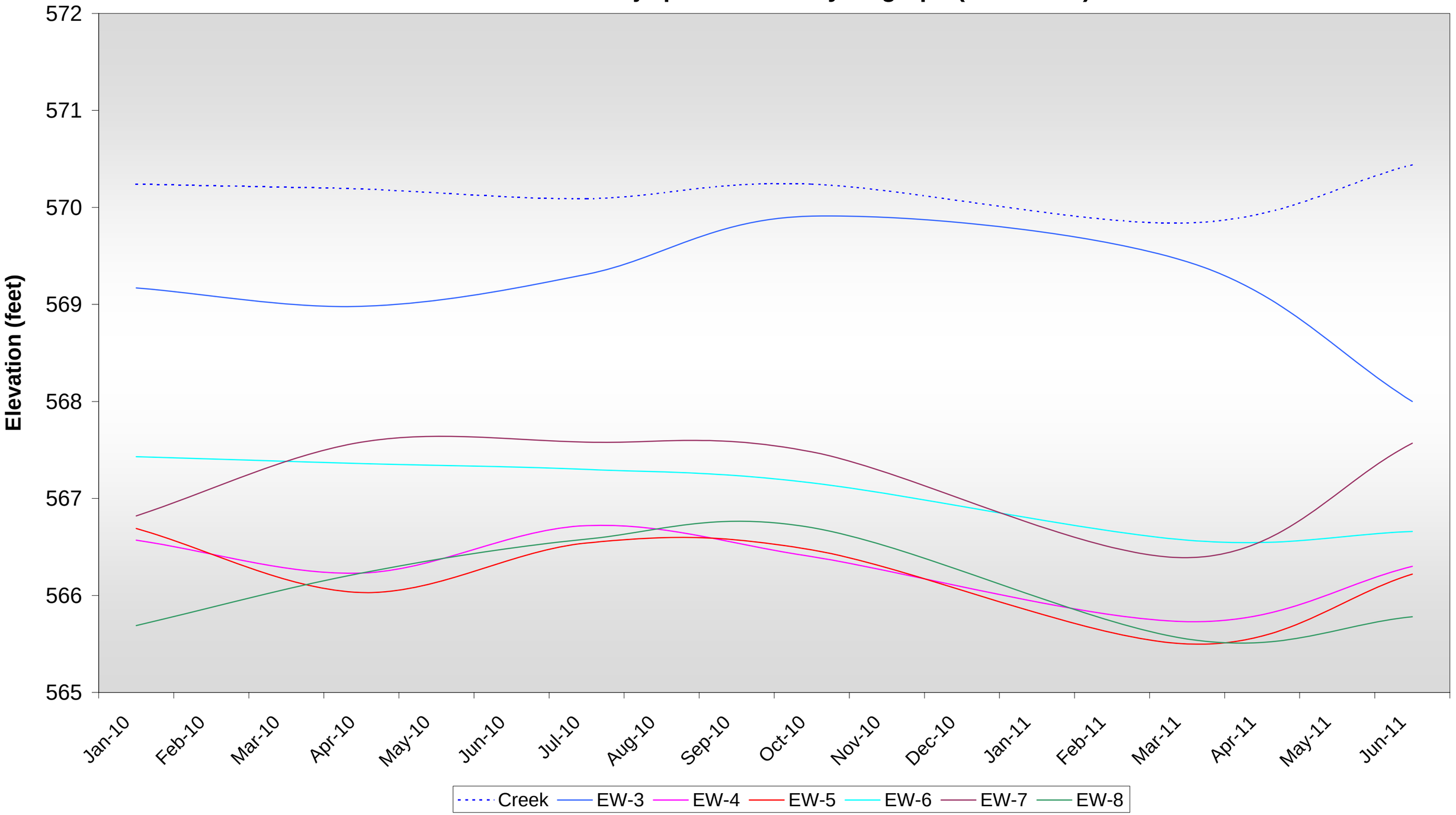
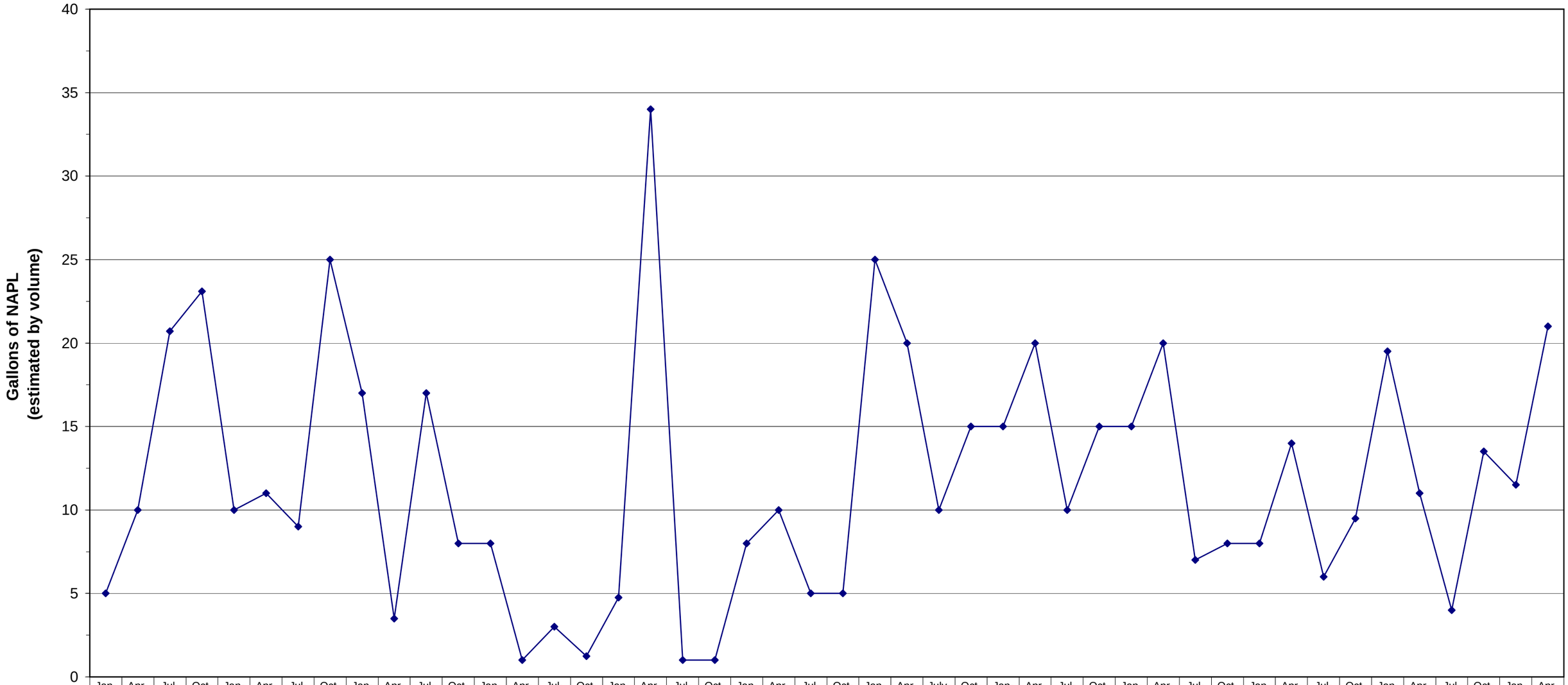


Figure 3.3
Quarterly NAPL Collection



	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
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

Quarterly Timeframe

Table 3.2
Treatment System Analytical Data
January - June 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**
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

Notes:

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

SECTION 4
SUMMARY AND CONCLUSIONS

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

- On-site operation, maintenance, and monitoring activities continue to be completed in accordance with the procedures outlined in the O&M Manual to ensure the effectiveness of the remedial systems in maintaining compliance with the remediation goals created for the site.

- Based on the data collected from January through June 2011, all aspects of the remedial systems are operating within design specifications.

- The treatment system discharge volume for the first quarter 2011 was relatively low when compared to historical first quarter volumes. GES attributes the lower volume due to a faulty extraction well pump, which was replaced in February 2011. The discharge volume for the second quarter 2011 was consistent with historical second quarter volumes.

- As a result of the June 2010 leaking carbon drum issue, the 55-gallon steel drums will be replaced with FRP vessels in fall 2011, assuming no leaks occur before then.

- 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/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
June 2011 Analytical Data Package

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 480-6776-1

Job Description: Bristol Myers Squibb Semi-annual

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

Attention: Mr. Andrew Janik

Approved for release.
Denise Giglia
Project Manager I
7/18/2011 2:21 PM

Denise Giglia
Project Manager I
denise.giglia@testamericainc.com
07/18/2011

cc: Michelle Naber
Jennifer Siniscalchi

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

Job Narrative
480-6776-1

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: (480-6776-8 MS), (480-6776-8 MSD), B-8 (480-6776-4), MW-F2 (480-6776-6), MW-F4 (480-6776-8). Therefore, elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry
Method 9040B: The following sample(s) was received with greater than 50% of holding time expired: B-3 (480-6776-1), B-6 (480-6776-2), B-7 (480-6776-3), B-8 (480-6776-4), MW-F2 (480-6776-6), MW-F3 (480-6776-7), MW-F4 (480-6776-8), PS-1 (480-6776-5). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Groundwater & Environmental Services Inc Job Number: 480-6776-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-6776-1	**B-3**					
pH		7.31	H	0.100	SU	9040B
480-6776-2	**B-6**					
Benzene		0.090	J	0.20	ug/L	8021B
Toluene		0.044	J	0.20	ug/L	8021B
pH		8.00	H	0.100	SU	9040B
480-6776-3	**B-7**					
Benzene		0.22		0.20	ug/L	8021B
pH		7.44	H	0.100	SU	9040B
480-6776-4	**B-8**					
Benzene		86		2.0	ug/L	8021B
Toluene		1.3	J	2.0	ug/L	8021B
Ethylbenzene		60		2.0	ug/L	8021B
m,p-Xylene		7.6		4.0	ug/L	8021B
o-Xylene		25		2.0	ug/L	8021B
pH		7.75	H	0.100	SU	9040B
480-6776-5	**PS-1**					
pH		7.54	H	0.100	SU	9040B
480-6776-6	**MW-F2**					
Benzene		49		20	ug/L	8021B
Toluene		10	J	20	ug/L	8021B
Ethylbenzene		620		20	ug/L	8021B
m,p-Xylene		600		40	ug/L	8021B
o-Xylene		390		20	ug/L	8021B
pH		6.84	H	0.100	SU	9040B
480-6776-7	**MW-F3**					
m,p-Xylene		0.18	J	0.40	ug/L	8021B
o-Xylene		0.29		0.20	ug/L	8021B
pH		7.21	H	0.100	SU	9040B

EXECUTIVE SUMMARY - Detections

Client: Groundwater & Environmental Services Inc Job Number: 480-6776-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-6776-8	**MW-F4**					
Benzene		140		2.0	ug/L	8021B
Toluene		4.2		2.0	ug/L	8021B
Ethylbenzene		180		2.0	ug/L	8021B
m,p-Xylene		23		4.0	ug/L	8021B
o-Xylene		83		2.0	ug/L	8021B
pH		7.82	H	0.100	SU	9040B

METHOD SUMMARY

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC)	TAL BUF	SW846 8021B	
Purge and Trap	TAL BUF		SW846 5030B
pH	TAL BUF	SW846 9040B	

Lab References:

TAL BUF = TestAmerica Buffalo

Method References:

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

METHOD / ANALYST SUMMARY

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Method	Analyst	Analyst ID
SW846 8021B	Neary, Mary Ann	MN
SW846 9040B	Stredny, Joseph	JS

SAMPLE SUMMARY

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-6776-1	B-3	Water	06/29/2011 1137	07/01/2011 1200
480-6776-2	B-6	Water	06/29/2011 1158	07/01/2011 1200
480-6776-3	B-7	Water	06/29/2011 1202	07/01/2011 1200
480-6776-4	B-8	Water	06/29/2011 1154	07/01/2011 1200
480-6776-5	PS-1	Water	06/29/2011 1127	07/01/2011 1200
480-6776-6	MW-F2	Water	06/29/2011 1145	07/01/2011 1200
480-6776-7	MW-F3	Water	06/29/2011 1142	07/01/2011 1200
480-6776-8	MW-F4	Water	06/29/2011 1150	07/01/2011 1200

SAMPLE RESULTS

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **B-3**

Lab Sample ID: 480-6776-1
Client Matrix: Water

Date Sampled: 06/29/2011 1137
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	1.0			Final Weight/Volume:	44 mL
Analysis Date:	07/08/2011 2115			Injection Volume:	
Prep Date:	07/08/2011 2115			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.023	0.20
Toluene	ND		0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	ND		0.054	0.40
o-Xylene	ND		0.027	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	102		77 - 130
4-Bromofluorobenzene	102		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **B-6**

Lab Sample ID: 480-6776-2
Client Matrix: Water

Date Sampled: 06/29/2011 1158
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	1.0			Final Weight/Volume:	44 mL
Analysis Date:	07/08/2011 2150			Injection Volume:	
Prep Date:	07/08/2011 2150			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.090	J	0.023	0.20
Toluene	0.044	J	0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	ND		0.054	0.40
o-Xylene	ND		0.027	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	99		77 - 130
4-Bromofluorobenzene	101		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **B-7**

Lab Sample ID: 480-6776-3
Client Matrix: Water

Date Sampled: 06/29/2011 1202
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	1.0			Final Weight/Volume:	44 mL
Analysis Date:	07/08/2011 2226			Injection Volume:	
Prep Date:	07/08/2011 2226			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.22		0.023	0.20
Toluene	ND		0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	ND		0.054	0.40
o-Xylene	ND		0.027	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	100		77 - 130
4-Bromofluorobenzene	100		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **B-8**

Lab Sample ID: 480-6776-4
Client Matrix: Water

Date Sampled: 06/29/2011 1154
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	10			Final Weight/Volume:	44 mL
Analysis Date:	07/08/2011 2302			Injection Volume:	
Prep Date:	07/08/2011 2302			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	86		0.23	2.0
Toluene	1.3	J	0.36	2.0
Ethylbenzene	60		0.29	2.0
m,p-Xylene	7.6		0.54	4.0
o-Xylene	25		0.27	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	101		77 - 130
4-Bromofluorobenzene	106		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **PS-1**

Lab Sample ID: 480-6776-5
Client Matrix: Water

Date Sampled: 06/29/2011 1127
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	1.0			Final Weight/Volume:	44 mL
Analysis Date:	07/08/2011 2337			Injection Volume:	
Prep Date:	07/08/2011 2337			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.023	0.20
Toluene	ND		0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	ND		0.054	0.40
o-Xylene	ND		0.027	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	104		77 - 130
4-Bromofluorobenzene	103		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **MW-F2**

Lab Sample ID: 480-6776-6
Client Matrix: Water

Date Sampled: 06/29/2011 1145
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	100			Final Weight/Volume:	44 mL
Analysis Date:	07/09/2011 0345			Injection Volume:	
Prep Date:	07/09/2011 0345			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	49		2.3	20
Toluene	10	J	3.6	20
Ethylbenzene	620		2.9	20
m,p-Xylene	600		5.4	40
o-Xylene	390		2.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	103		77 - 130
4-Bromofluorobenzene	102		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **MW-F3**

Lab Sample ID: 480-6776-7
Client Matrix: Water

Date Sampled: 06/29/2011 1142
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	1.0			Final Weight/Volume:	44 mL
Analysis Date:	07/09/2011 0013			Injection Volume:	
Prep Date:	07/09/2011 0013			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.023	0.20
Toluene	ND		0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	0.18	J	0.054	0.40
o-Xylene	0.29		0.027	0.20

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	106		77 - 130
4-Bromofluorobenzene	104		70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Client Sample ID: **MW-F4**

Lab Sample ID: 480-6776-8
Client Matrix: Water

Date Sampled: 06/29/2011 1150
Date Received: 07/01/2011 1200

8021B Volatile Organic Compounds (GC)

Analysis Method:	8021B	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Prep Method:	5030B		N/A	Initial Weight/Volume:	44 mL
Dilution:	10			Final Weight/Volume:	44 mL
Analysis Date:	07/09/2011 0048			Injection Volume:	
Prep Date:	07/09/2011 0048			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	140		0.23	2.0
Toluene	4.2		0.36	2.0
Ethylbenzene	180		0.29	2.0
m,p-Xylene	23		0.54	4.0
o-Xylene	83		0.27	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	103		77 - 130
4-Bromofluorobenzene	103		70 - 125

General Chemistry

Client Sample ID: **B-3**

Lab Sample ID: 480-6776-1 Date Sampled: 06/29/2011 1137

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.31	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2036

General Chemistry

Client Sample ID: **B-6**

Lab Sample ID: 480-6776-2 Date Sampled: 06/29/2011 1158

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	8.00	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2040

General Chemistry

Client Sample ID: **B-7**

Lab Sample ID: 480-6776-3 Date Sampled: 06/29/2011 1202

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.44	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2043

General Chemistry

Client Sample ID: **B-8**

Lab Sample ID: 480-6776-4 Date Sampled: 06/29/2011 1154

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.75	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2047

General Chemistry

Client Sample ID: **PS-1**

Lab Sample ID: 480-6776-5 Date Sampled: 06/29/2011 1127

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.54	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2051

General Chemistry

Client Sample ID: **MW-F2**

Lab Sample ID: 480-6776-6 Date Sampled: 06/29/2011 1145

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	6.84	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2055

General Chemistry

Client Sample ID: **MW-F3**

Lab Sample ID: 480-6776-7 Date Sampled: 06/29/2011 1142

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.21	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2102

General Chemistry

Client Sample ID: **MW-F4**

Lab Sample ID: 480-6776-8 Date Sampled: 06/29/2011 1150

Client Matrix: Water Date Received: 07/01/2011 1200

Analyte	Result	Qual	Units	RL	RL	Dil	Method
pH	7.82	H	SU	0.100	0.100	1.0	9040B

Analysis Batch: 480-22392 Analysis Date: 07/01/2011 2107

DATA REPORTING QUALIFIERS

Client: Groundwater & Environmental Services Inc Job Number: 480-6776-1

Lab Section	Qualifier	Description
GC VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	H	Sample was prepped or analyzed beyond the specified holding time

QUALITY CONTROL RESULTS

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:480-22906					
LCS 480-22906/6	Lab Control Sample	T	Water	8021B	
MB 480-22906/5	Method Blank	T	Water	8021B	
480-6776-1	B-3	T	Water	8021B	
480-6776-2	B-6	T	Water	8021B	
480-6776-3	B-7	T	Water	8021B	
480-6776-4	B-8	T	Water	8021B	
480-6776-5	PS-1	T	Water	8021B	
480-6776-6	MW-F2	T	Water	8021B	
480-6776-7	MW-F3	T	Water	8021B	
480-6776-8	MW-F4	T	Water	8021B	
480-6776-8MS	Matrix Spike	T	Water	8021B	
480-6776-8MSD	Matrix Spike Duplicate	T	Water	8021B	

Report Basis
T = Total

General Chemistry

Analysis Batch:480-22392					
LCS 480-22392/1	Lab Control Sample	T	Water	9040B	
480-6776-1	B-3	T	Water	9040B	
480-6776-2	B-6	T	Water	9040B	
480-6776-3	B-7	T	Water	9040B	
480-6776-4	B-8	T	Water	9040B	
480-6776-5	PS-1	T	Water	9040B	
480-6776-6	MW-F2	T	Water	9040B	
480-6776-7	MW-F3	T	Water	9040B	
480-6776-8	MW-F4	T	Water	9040B	

Report Basis
T = Total

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Surrogate Recovery Report

8021B Volatile Organic Compounds (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT2 %Rec	BFB2 %Rec
480-6776-1	B-3	102	102
480-6776-2	B-6	99	101
480-6776-3	B-7	100	100
480-6776-4	B-8	101	106
480-6776-5	PS-1	104	103
480-6776-6	MW-F2	103	102
480-6776-7	MW-F3	106	104
480-6776-8	MW-F4	103	103
MB 480-22906/5		102	101
LCS 480-22906/6		100	99
480-6776-8 MS	MW-F4 MS	103	102
480-6776-8 MSD	MW-F4 MSD	102	100

Surrogate	Acceptance Limits
TFT = a,a,a-Trifluorotoluene	77-130
BFB = 4-Bromofluorobenzene	70-125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Method Blank - Batch: 480-22906

Method: 8021B
Preparation: 5030B

Lab Sample ID:	MB 480-22906/5	Analysis Batch:	480-22906	Instrument ID:	HP5890-22
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	22_82106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	44 mL
Analysis Date:	07/08/2011 1759	Units:	ug/L	Final Weight/Volume:	44 mL
Prep Date:	07/08/2011 1759			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Benzene	ND		0.023	0.20
Toluene	ND		0.036	0.20
Ethylbenzene	ND		0.029	0.20
m,p-Xylene	ND		0.054	0.40
o-Xylene	ND		0.027	0.20

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	102	77 - 130
4-Bromofluorobenzene	101	70 - 125

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	100	77 - 130
4-Bromofluorobenzene	99	70 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene	103	102	77 - 130
4-Bromofluorobenzene	102	100	70 - 125

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

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: 480-13565-2683.1
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: 158 Sonwil Drive	Due Date Requested:			
City: Cheektowaga	TAT Requested (days): Standard			
State, Zip: NY, 14225				
Phone: 484-325-0280(Tel)	PO #: 901403			
Email: bmiller@gesonline.com	WO #:			
Project Name: Bristol Myers Squibb Semi-annual	Project #: 48002941			
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 (Water, Solid, Oil, Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B - (MOD) BTEX - 8021	9040B - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
B-3	6-29-11	1139	G	Water			3	1		
B-6		1158		Water			3	1		
B-7		1202		Water			3	1		
B-8		1154		Water			3	1		
PS-1		1127		Water			3	1		
MW-F2		1145		Water			3	1		
MW-F3		1142		Water			3	1		
MW-F4	↓	1150	↓	Water			3	1		
				Water						

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: 7/1/11 12:00	Company: GES	Received by:	Date/Time: 7/1/11 1200	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: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.7°

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-6776-1

Login Number: 6776

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert

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)
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

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)
May-98	1.4	1.0	1.3	2.8	1.7
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

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)
May-98	123	1.0	5.4	2.8	1.7
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

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)
May-98	204	11	1030	517	290
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

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)
May-98	95	75	305	443	526
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

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)
Jul-98	0.7	1.0	1.3	2.8	1.7
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

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)
Jul-98	180	10	330	167	133
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

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

Appendix B-1

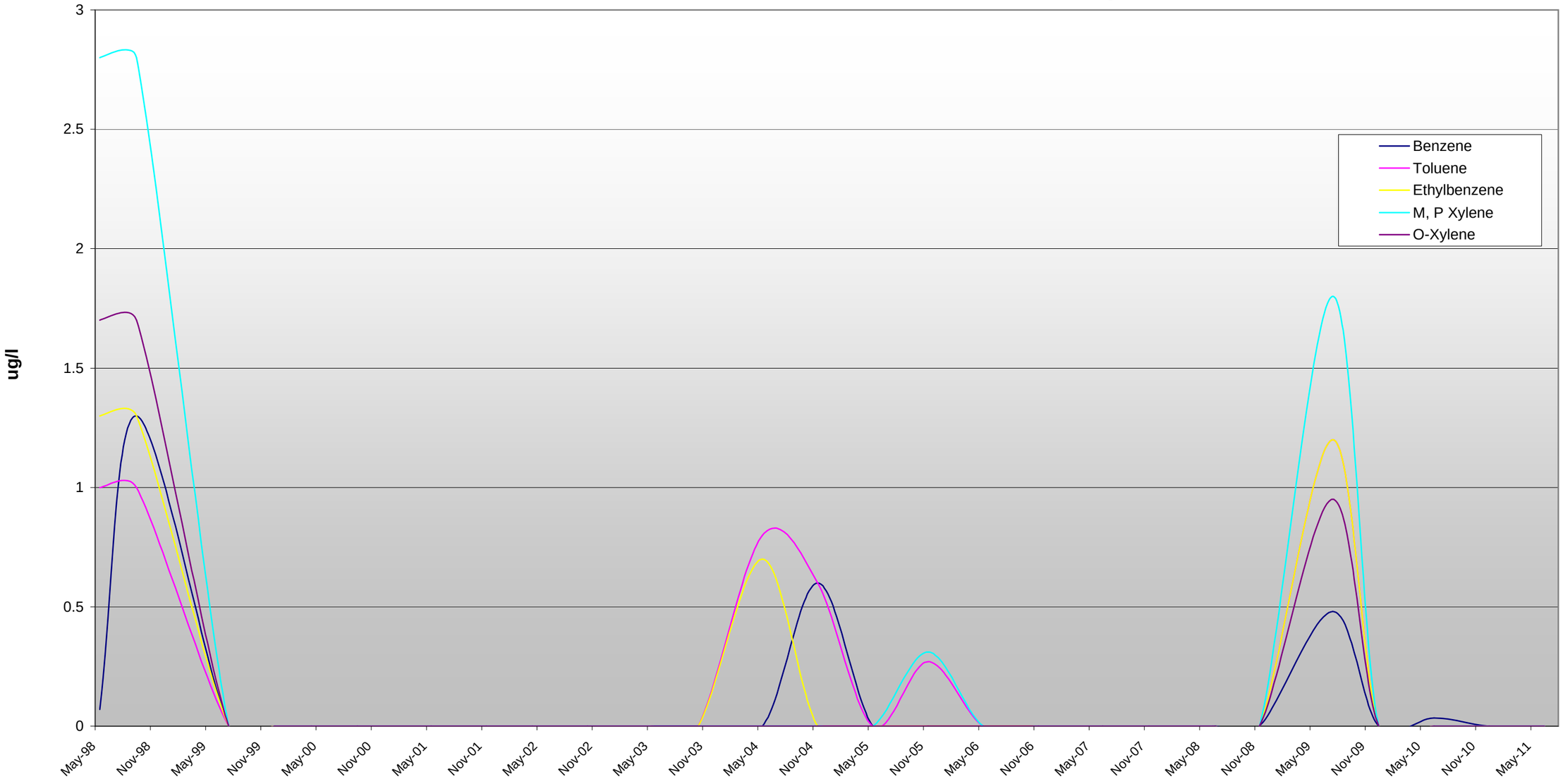
Historical Groundwater Analytical Data

Monitoring Well PS-1					
Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	M, P Xylene (µg/L)	O-Xylene (µg/L)
May-98	0.7	1.0	1.3	2.8	1.7
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

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

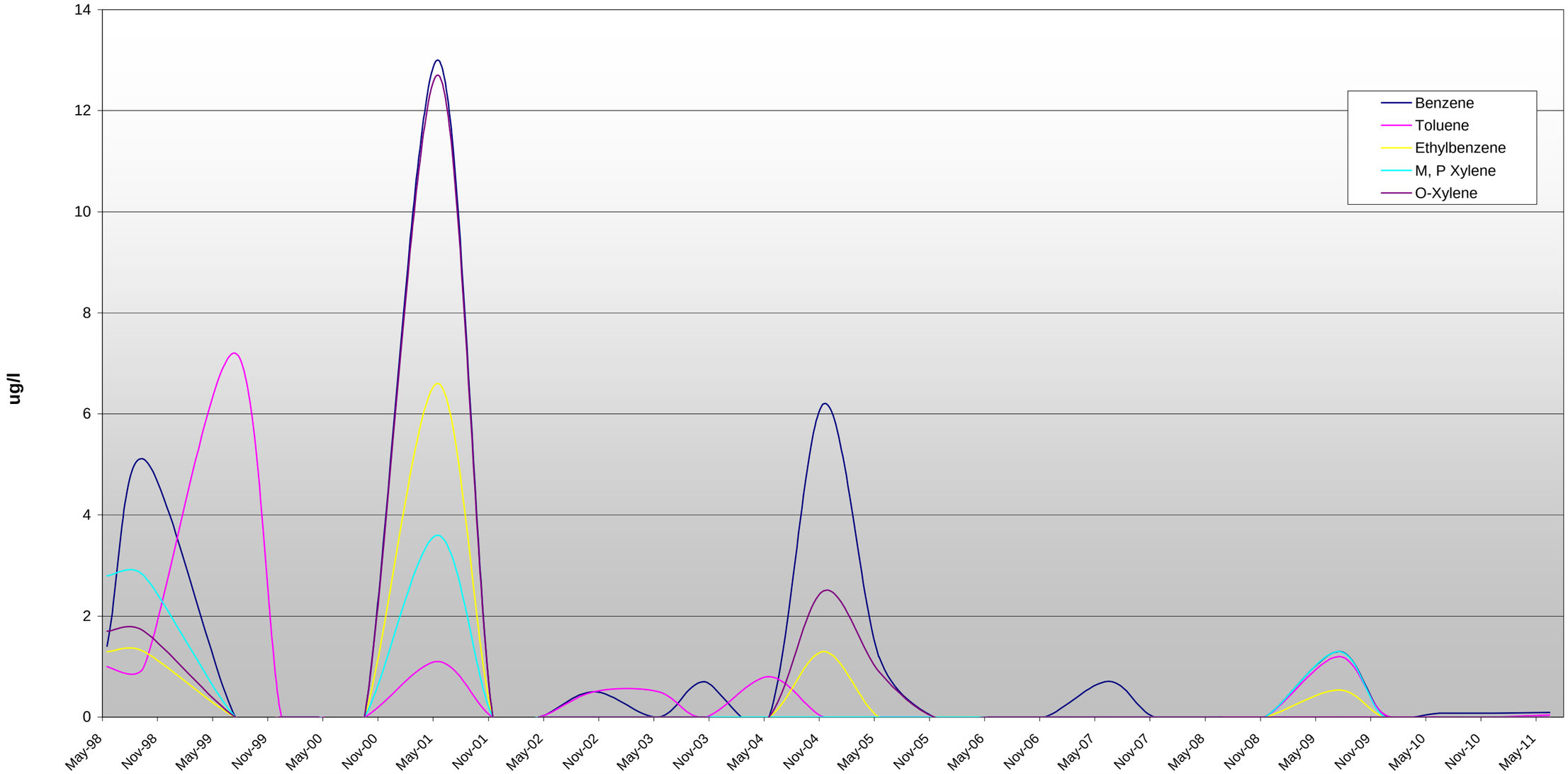
APPENDIX B-2
Historical Contaminant Concentration Trends

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



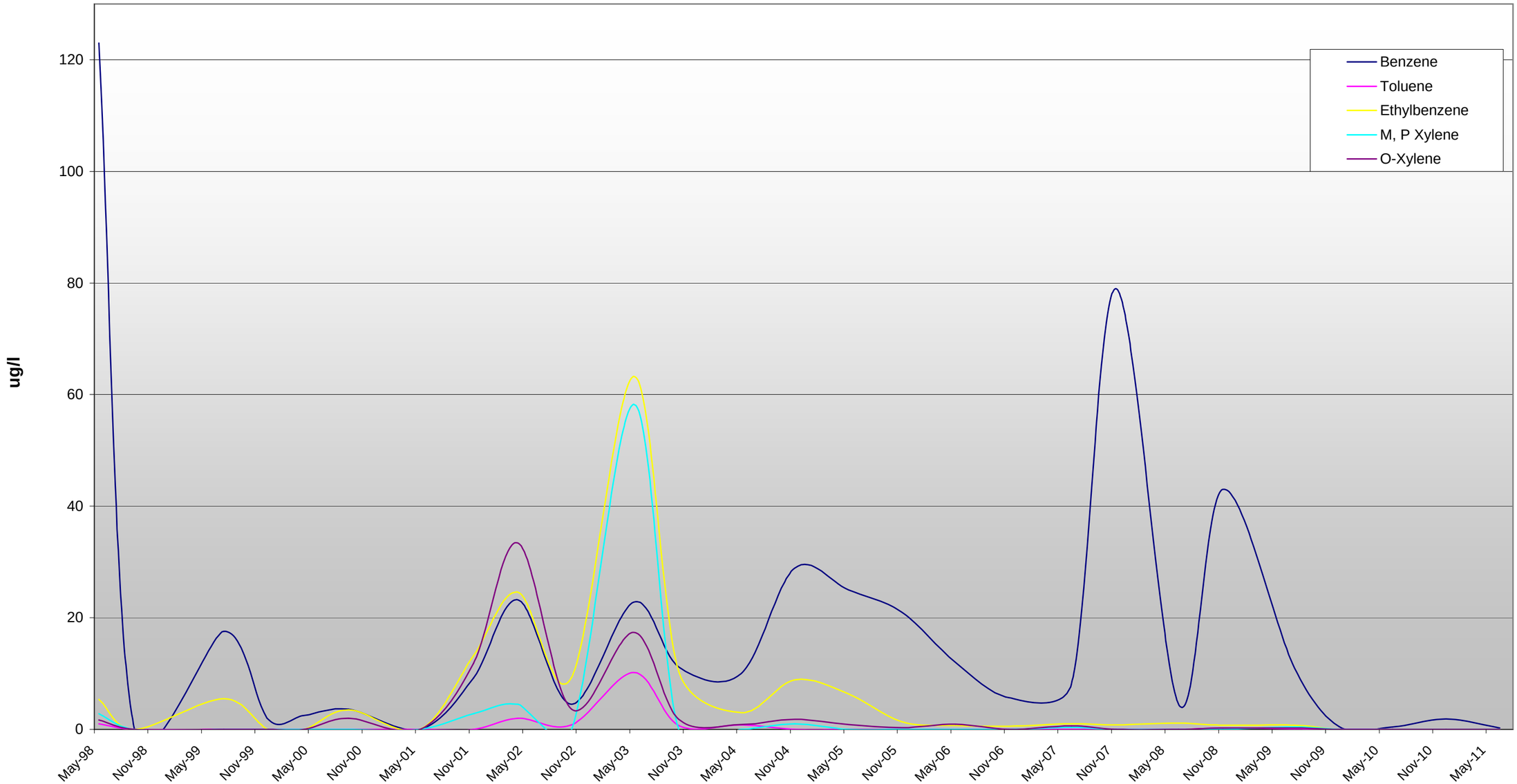
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	0.07	1.3	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0.48	0	0.034	0	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0.8	0.6	0	0.27	0	0	0	0	0	0	1.2	0	0	0	0
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
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
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

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



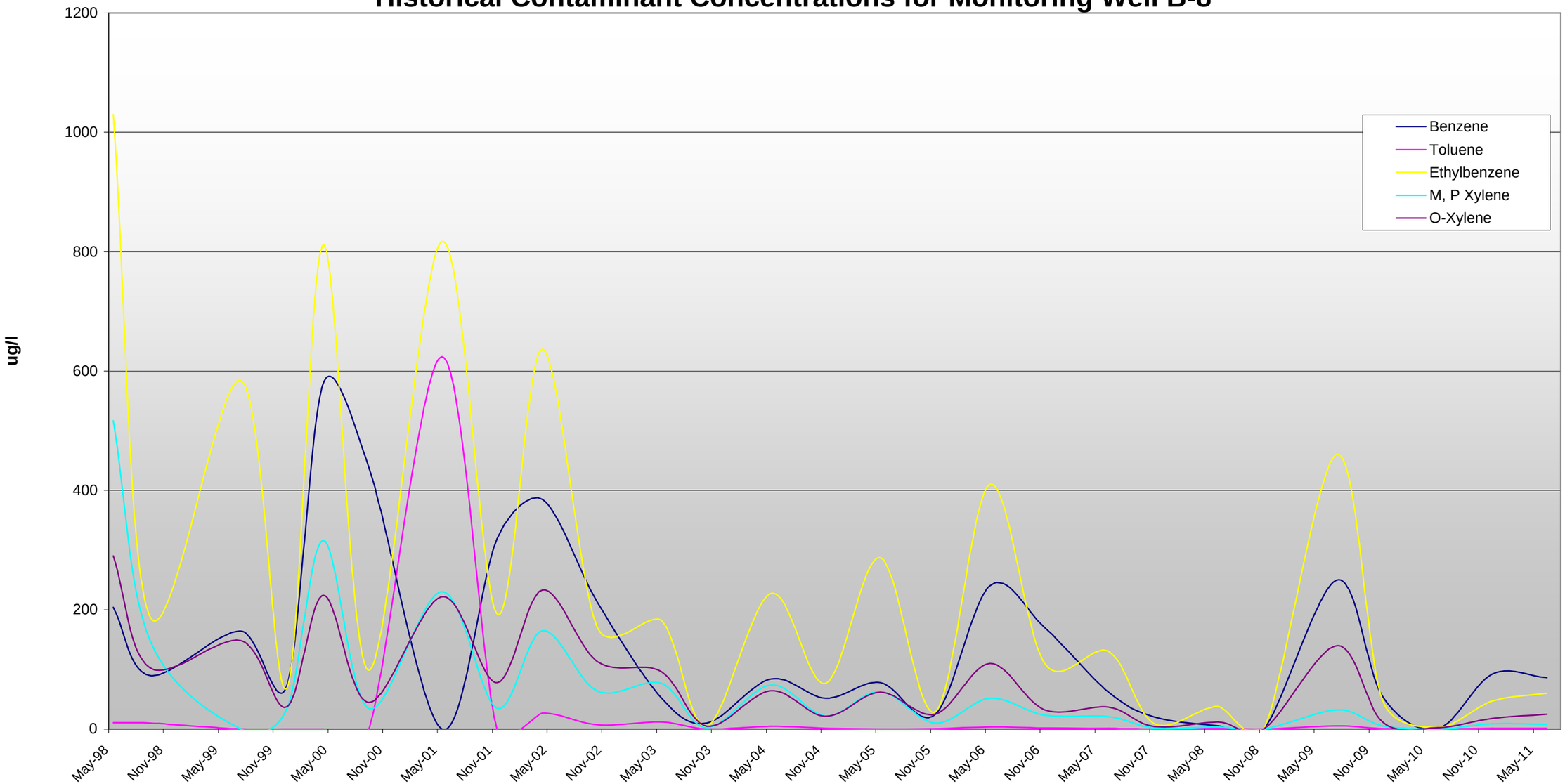
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	1.4	5.1	0	0	0	0	13	0	0	0.5	0	0.7	0	6.2	1.2	0	0	0	0.71	0	0	0	1.3	0.053	0.076	0.075	0.09
Toluene	1.0	1.0	7.2	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
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
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
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

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



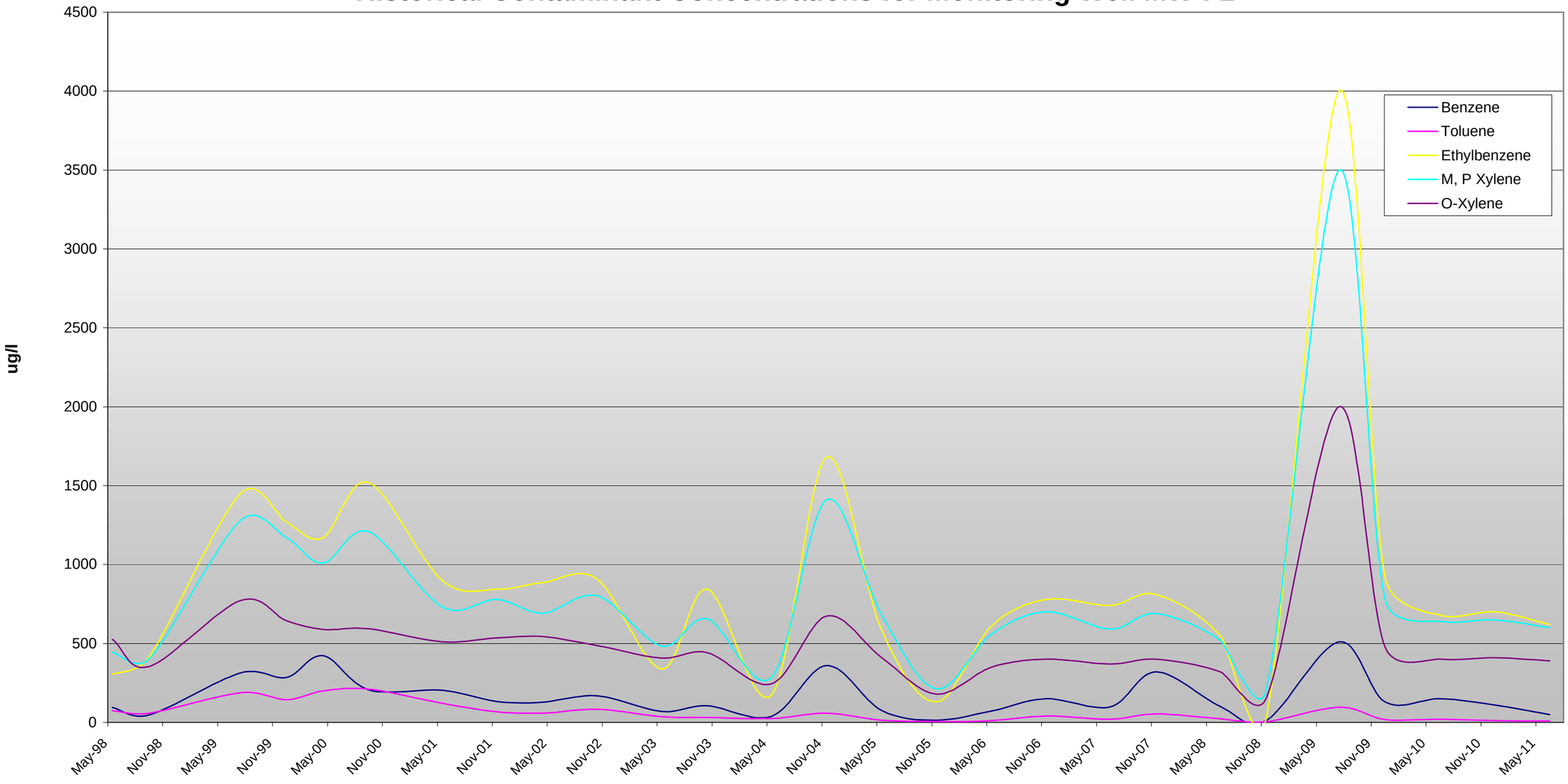
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	123	0	17.6	1.8	2.5	3.6	0	9.2	23.2	4.5	22.8	11.2	10	28.9	25.0	21	12	5.7	8.1	79	4.5	43	11	0.52	0.46	1.9	0.22
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
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
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
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

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



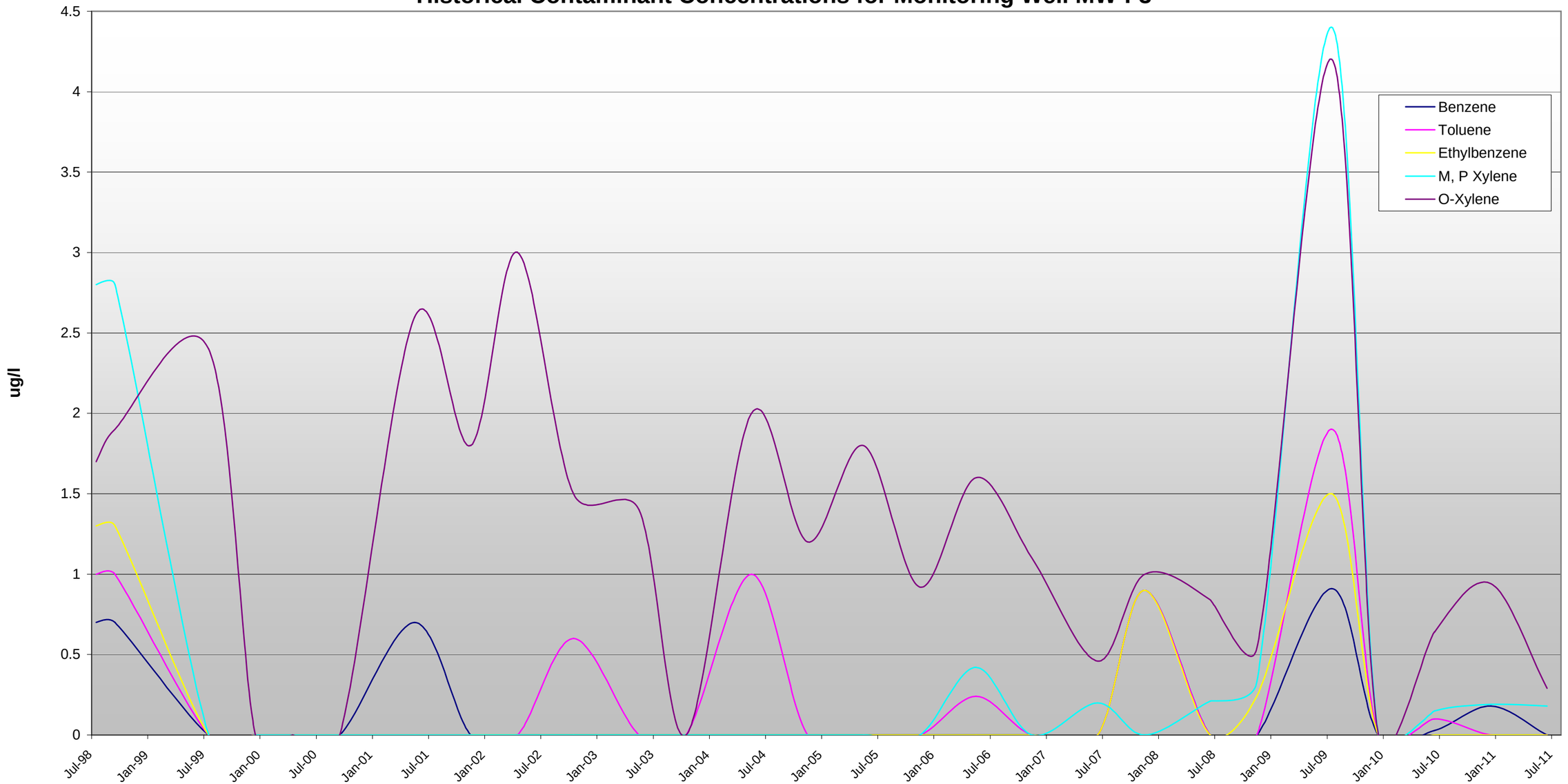
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	204	90	164	73.4	580	438	0	319	385	212	52.2	10.1	84	51.6	77.7	25	240	170	62	20	5.6	0.79	250	55	0.49	92	86
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
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
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
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

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



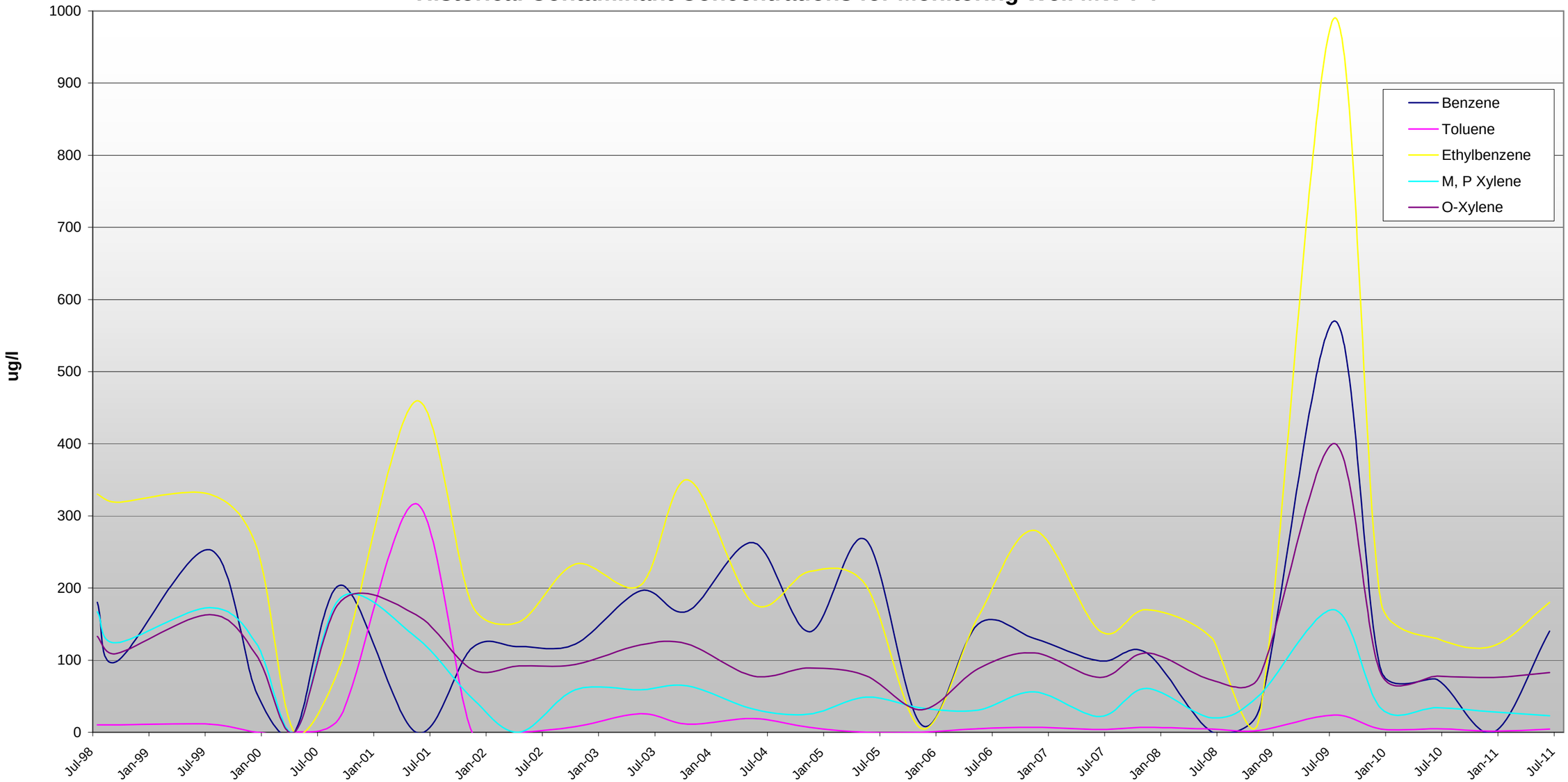
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	95	47	314	285	423	205	203	131	127	169	70	106	38	361	75.8	14	72	150	99	320	100	12	510	130	150	110	49
Toluene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

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



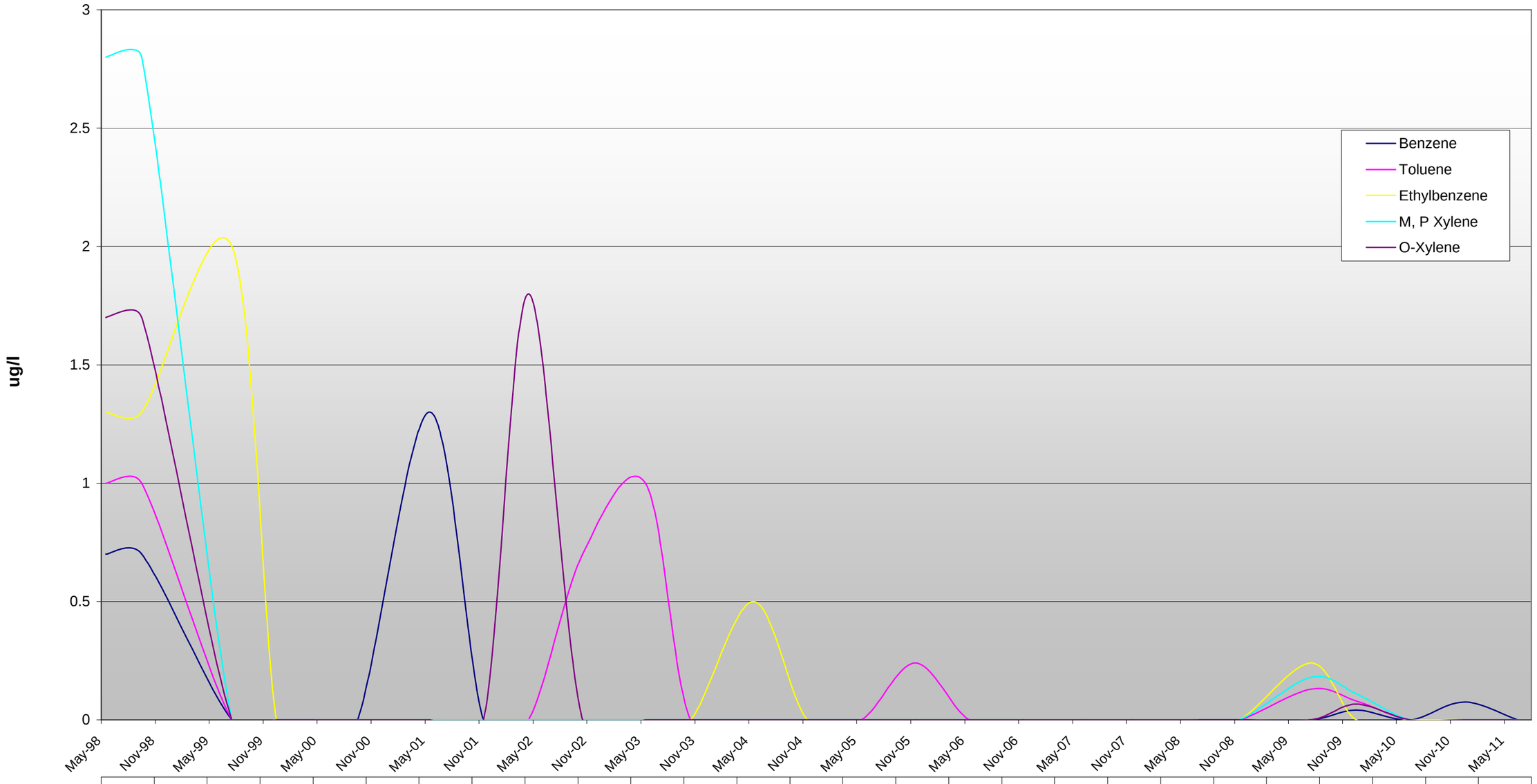
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	0.7	0.7	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0	0	0.91	0	0.028	0.18	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.6	0	0	1.0	0	0	0	0.24	0	0	0.9	0	0	1.9	0	0.099	0	0
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
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
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

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



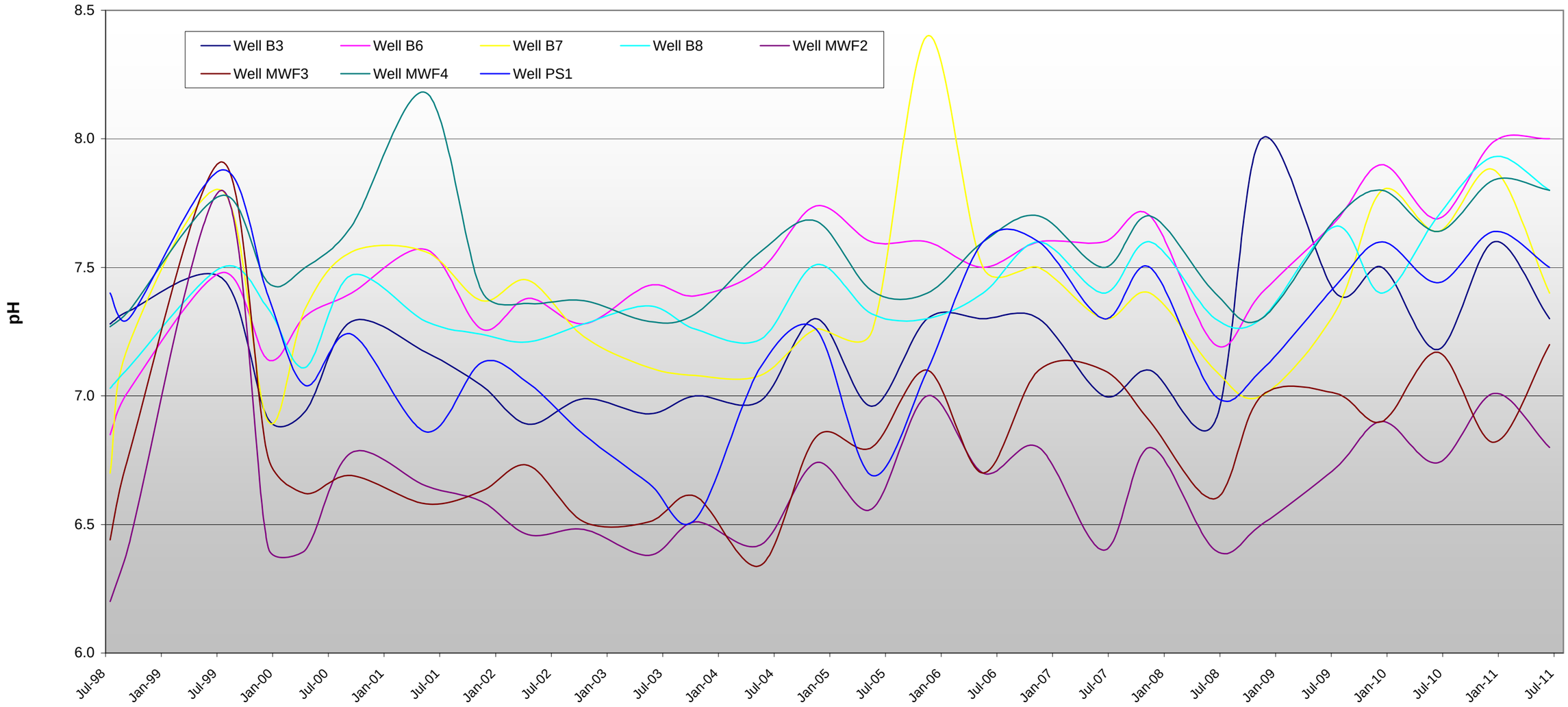
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09	Jun-10	Dec-10	Jun-11
Benzene	180	98	253	54	0	204	0	117	119	122	196	168	263	139	267	9.8	150	130	99	110	0	31	570	86	73	0	140
Toluene	10	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
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
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
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

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
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	0.042	0	0.075	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
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
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
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

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
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
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
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
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
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
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
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
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

APPENDIX C-1
Historical Water Table Elevation

Appendix C-1

Historical Water Table Elevations

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

Appendix C-1

Historical Water Table Elevations

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

Appendix C-1

Historical Water Table Elevations

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

Appendix C-1

Historical Water Table Elevations

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

Appendix C-1

Historical Water Table Elevations

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

Appendix C-1

Historical Water Table Elevations

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

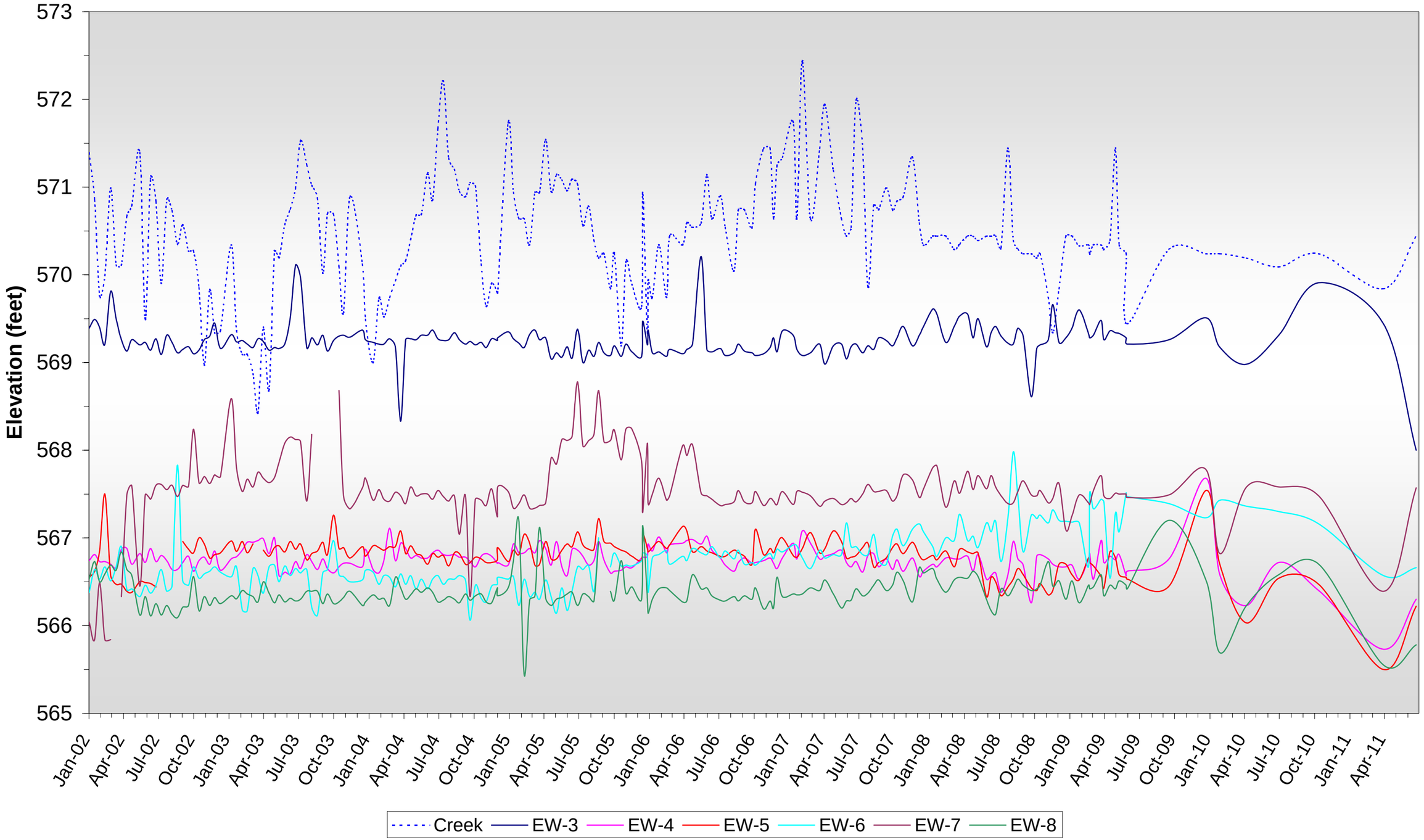
Appendix C-1

Historical Water Table Elevations

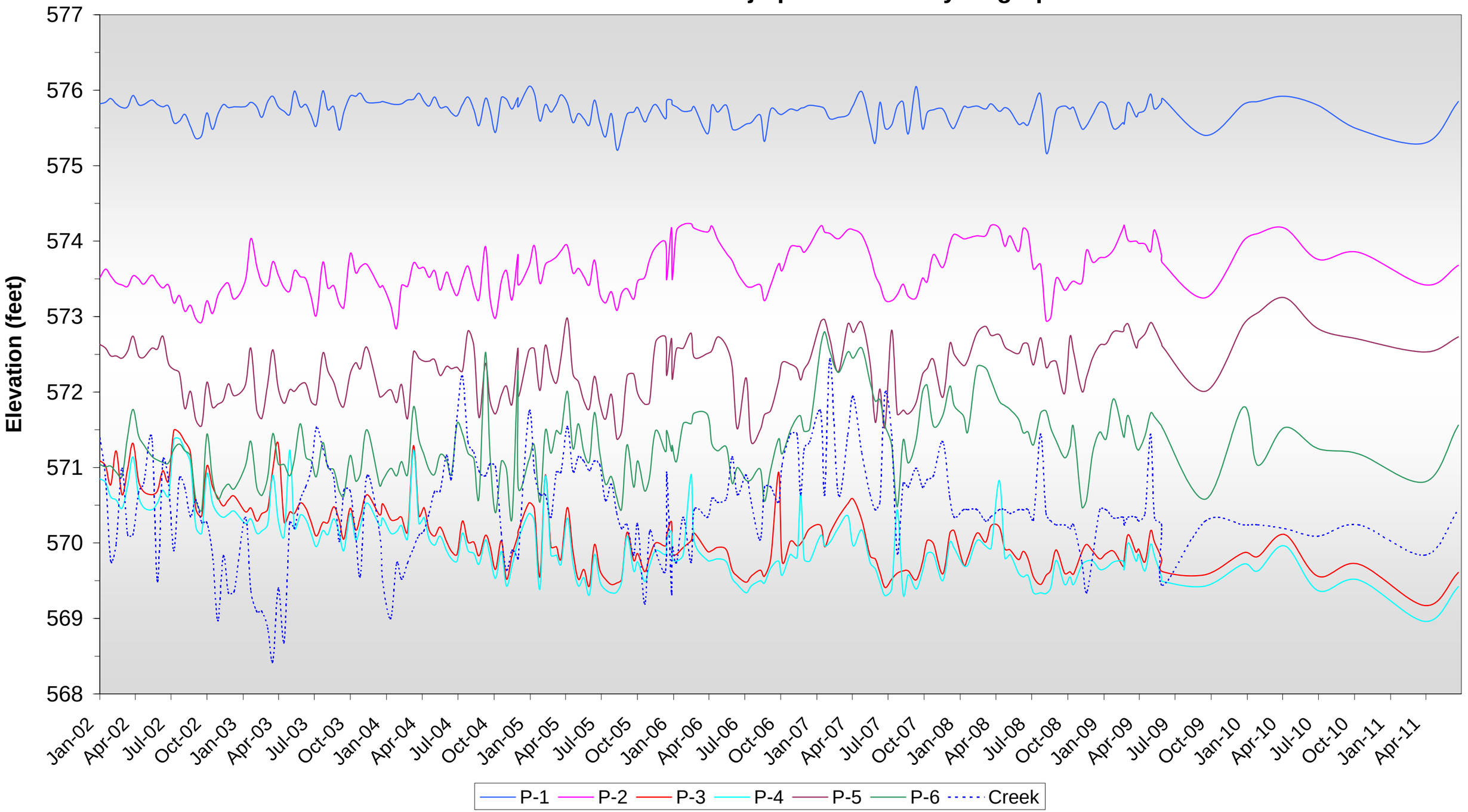
Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/09	575.80	573.79	569.86	569.67	572.64	571.38	570.44	569.39	566.69	566.58	567.18	567.25	566.51
1/27/09	575.49	573.89	569.89	569.75	572.80	571.91	570.33	569.60	566.53	566.52	567.17	567.49	566.26
2/20/09	575.57	574.17	569.69	569.76	572.80	571.43	570.34	569.33	566.76	566.77	566.67	567.40	566.46
2/23/09	575.55	574.21	569.79	569.65	572.86	571.40	570.24	569.28	566.82	566.72	567.51	567.38	566.42
3/5/09	575.84	574.01	570.11	570.00	572.90	571.69	570.34	569.31	566.53	566.68	567.33	567.54	566.44
3/18/09	575.64	573.96	569.83	569.81	572.81	571.32	570.39	569.31	566.89	566.67	567.57	567.40	566.52
3/25/09	575.65	574.00	569.88	569.76	572.59	571.28	570.34	569.48	566.97	566.56	567.44	567.71	566.58
4/1/09	575.70	573.97	569.92	569.85	572.68	571.23	570.29	569.26	566.72	566.43	567.41	567.48	566.34
4/10/09	575.69	573.98	570.24	569.66	572.92	571.47	570.39	569.31	566.64	566.63	567.53	567.37	566.46
4/17/09	575.74	573.96	569.75	569.63	572.77	571.42	570.39	569.36	566.79	566.84	566.54	567.45	566.46
4/23/09	575.73	574.00	569.74	569.70	572.75	571.38	570.34	569.41	566.81	566.83	566.58	567.52	566.58
5/1/09	575.95	573.86	570.16	569.98	572.92	571.72	571.44	569.34	566.75	566.77	567.28	567.51	566.42
5/6/09	575.80	573.95	570.03	569.88	572.81	571.77	570.44	569.43	566.81	566.75	567.17	567.52	566.46
5/11/09	575.75	574.15	570.01	569.83	572.85	571.67	570.34	569.33	566.81	566.58	567.07	567.50	566.51
5/21/09	575.70	574.10	569.89	569.76	572.81	571.62	570.24	569.15	566.69	566.63	567.37	567.58	566.41
5/29/09	575.84	573.81	569.79	569.55	572.64	571.55	570.24	569.28	566.57	566.55	567.51	567.50	566.46
6/1/09	575.89	573.71	569.62	569.49	572.60	571.52	569.44	569.21	566.62	566.53	567.47	567.46	566.42
9/18/09	575.40	573.25	569.58	569.43	572.01	570.58	570.29	569.26	566.76	566.45	567.39	567.49	567.20
12/23/09	575.81	574.00	569.87	569.72	572.89	571.80	570.24	569.51	567.68	567.54	567.23	567.78	566.52
01/29/10	575.85	574.10	569.82	569.63	573.05	571.03	570.24	569.17	566.57	566.69	567.43	566.82	565.69
04/08/10	575.92	574.17	570.11	569.96	573.25	571.53	570.19	568.98	566.23	566.03	567.36	567.58	566.23
07/01/10	575.80	573.76	569.56	569.37	572.84	571.25	570.09	569.31	566.72	566.54	567.30	567.58	566.58
10/13/10	575.48	573.85	569.72	569.51	572.70	571.18	570.24	569.91	566.40	566.47	567.16	567.48	566.70
3/31/11	575.30	572.89	568.83	568.18	571.87	570.68	577.16	569.58	565.61	565.42	566.85	566.66	565.07
6/24/11	575.85	573.15	569.27	568.64	572.07	571.43	577.76	568.14	566.18	566.14	566.94	567.84	565.30

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: 480-722-1
Client Project/Site: Bristol Myers Squibb Monthly

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

Attn: Andrew Janik

Melissa Deyo

Authorized for release by:
1/31/2011 3:51 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

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

Table of Contents

Qualifier Definition/Glossary

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

TestAmerica Job ID: 480-722-1

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

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 480-722-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-722-1

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

GC/MS VOA
Method(s) 624: The following sample was composited by the laboratory on 1/11/11 as requested on the chain-of-custody: 001 COMPOSITE (480-722-1).

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(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 001 COMPOSITE (480-722-1)

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

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

TestAmerica Job ID: 480-722-1

Client Sample ID: 001 COMPOSITE

Lab Sample ID: 480-722-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.58	J	11	0.15	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	0.60	J	11	0.095	ug/L	1		625	Total/NA
Acenaphthene	0.17	J	5.3	0.064	ug/L	1		625	Total/NA
Benzo[a]anthracene	0.53	J	5.3	0.046	ug/L	1		625	Total/NA
Benzo[a]pyrene	0.38	J	5.3	0.062	ug/L	1		625	Total/NA
Chrysene	0.37	J	5.3	0.038	ug/L	1		625	Total/NA
Fluoranthene	0.54	J	5.3	0.12	ug/L	1		625	Total/NA
Zinc	0.0036	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	7.97	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: 001 COMPOSITE
Date Collected: 01/07/11 14:30
Date Received: 01/10/11 13:05

Lab Sample ID: 480-722-1
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			01/12/11 05:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/12/11 05:40	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/12/11 05:40	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/12/11 05:40	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/12/11 05:40	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/12/11 05:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/12/11 05:40	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/12/11 05:40	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/12/11 05:40	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/12/11 05:40	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/12/11 05:40	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/12/11 05:40	1
Acrolein	ND		100	17	ug/L			01/12/11 05:40	1
Acrylonitrile	ND		25	1.9	ug/L			01/12/11 05:40	1
Benzene	ND		5.0	0.60	ug/L			01/12/11 05:40	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/12/11 05:40	1
Bromoform	ND		5.0	0.47	ug/L			01/12/11 05:40	1
Bromomethane	ND		5.0	1.2	ug/L			01/12/11 05:40	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/12/11 05:40	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/12/11 05:40	1
Chloroethane	ND		5.0	0.87	ug/L			01/12/11 05:40	1
Chloroform	ND		5.0	0.54	ug/L			01/12/11 05:40	1
Chloromethane	ND		5.0	0.64	ug/L			01/12/11 05:40	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/12/11 05:40	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/12/11 05:40	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			01/12/11 05:40	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/12/11 05:40	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/12/11 05:40	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/12/11 05:40	1
Toluene	ND		5.0	0.45	ug/L			01/12/11 05:40	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/12/11 05:40	1
Trichloroethene	ND		5.0	0.60	ug/L			01/12/11 05:40	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/12/11 05:40	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/12/11 05:40	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*01/12/11 05:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*		*01/12/11 05:40*	*1*
Toluene-d8 (Surr)	*96*		*70 - 123*		*01/12/11 05:40*	*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	0.52	ug/L		01/12/11 17:09	01/15/11 19:25	1
1,2-Dichlorobenzene	**0.58**	**J**	11	0.15	ug/L		01/12/11 17:09	01/15/11 19:25	1
1,2-Diphenylhydrazine	ND		11	0.067	ug/L		01/12/11 17:09	01/15/11 19:25	1
1,3-Dichlorobenzene	ND		11	0.073	ug/L		01/12/11 17:09	01/15/11 19:25	1
1,4-Dichlorobenzene	**0.60**	**J**	11	0.095	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,2'-Oxybis(1-chloropropane)	ND		5.3	0.091	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,4,6-Trichlorophenol	ND		5.3	0.25	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,4-Dichlorophenol	ND		5.3	0.32	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,4-Dimethylphenol	ND		5.3	0.14	ug/L		01/12/11 17:09	01/15/11 19:25	1

Client Sample ID: 001 COMPOSITE
Date Collected: 01/07/11 14:30
Date Received: 01/10/11 13:05

Lab Sample ID: 480-722-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		11	0.89	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,4-Dinitrotoluene	ND		5.3	0.28	ug/L		01/12/11 17:09	01/15/11 19:25	1
2,6-Dinitrotoluene	ND		5.3	0.76	ug/L		01/12/11 17:09	01/15/11 19:25	1
2-Chloronaphthalene	ND		5.3	0.072	ug/L		01/12/11 17:09	01/15/11 19:25	1
2-Chlorophenol	ND		5.3	0.17	ug/L		01/12/11 17:09	01/15/11 19:25	1
2-Nitrophenol	ND		5.3	0.15	ug/L		01/12/11 17:09	01/15/11 19:25	1
3,3'-Dichlorobenzidine	ND		5.3	0.87	ug/L		01/12/11 17:09	01/15/11 19:25	1
4,6-Dinitro-2-methylphenol	ND		11	0.81	ug/L		01/12/11 17:09	01/15/11 19:25	1
4-Bromophenyl phenyl ether	ND		5.3	0.12	ug/L		01/12/11 17:09	01/15/11 19:25	1
4-Chloro-3-methylphenol	ND		5.3	0.59	ug/L		01/12/11 17:09	01/15/11 19:25	1
4-Chlorophenyl phenyl ether	ND		5.3	0.22	ug/L		01/12/11 17:09	01/15/11 19:25	1
4-Nitrophenol	ND		11	1.4	ug/L		01/12/11 17:09	01/15/11 19:25	1
Acenaphthene	**0.17**	**J**	5.3	0.064	ug/L		01/12/11 17:09	01/15/11 19:25	1
Acenaphthylene	ND		5.3	0.036	ug/L		01/12/11 17:09	01/15/11 19:25	1
Anthracene	ND		5.3	0.056	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzidine	ND		85	2.7	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzo[a]anthracene	**0.53**	**J**	5.3	0.046	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzo[a]pyrene	**0.38**	**J**	5.3	0.062	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzo[b]fluoranthene	ND		5.3	0.066	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzo[g,h,i]perylene	ND		5.3	0.11	ug/L		01/12/11 17:09	01/15/11 19:25	1
Benzo[k]fluoranthene	ND		5.3	0.044	ug/L		01/12/11 17:09	01/15/11 19:25	1
Bis(2-chloroethoxy)methane	ND		5.3	0.090	ug/L		01/12/11 17:09	01/15/11 19:25	1
Bis(2-chloroethyl)ether	ND		5.3	1.2	ug/L		01/12/11 17:09	01/15/11 19:25	1
Bis(2-ethylhexyl) phthalate	ND		11	0.92	ug/L		01/12/11 17:09	01/15/11 19:25	1
Butyl benzyl phthalate	ND		5.3	1.4	ug/L		01/12/11 17:09	01/15/11 19:25	1
Chrysene	**0.37**	**J**	5.3	0.038	ug/L		01/12/11 17:09	01/15/11 19:25	1
Decane	ND		11	1.7	ug/L		01/12/11 17:09	01/15/11 19:25	1
Dibenz(a,h)anthracene	ND		5.3	0.059	ug/L		01/12/11 17:09	01/15/11 19:25	1
Diethyl phthalate	ND		5.3	0.18	ug/L		01/12/11 17:09	01/15/11 19:25	1
Dimethyl phthalate	ND		5.3	0.18	ug/L		01/12/11 17:09	01/15/11 19:25	1
Di-n-butyl phthalate	ND		5.3	1.0	ug/L		01/12/11 17:09	01/15/11 19:25	1
Di-n-octyl phthalate	ND		5.3	4.7	ug/L		01/12/11 17:09	01/15/11 19:25	1
Fluoranthene	**0.54**	**J**	5.3	0.12	ug/L		01/12/11 17:09	01/15/11 19:25	1
Fluorene	ND		5.3	0.045	ug/L		01/12/11 17:09	01/15/11 19:25	1
Hexachlorobenzene	ND		5.3	0.29	ug/L		01/12/11 17:09	01/15/11 19:25	1
Hexachlorobutadiene	ND		5.3	0.66	ug/L		01/12/11 17:09	01/15/11 19:25	1
Hexachlorocyclopentadiene	ND		5.3	0.48	ug/L		01/12/11 17:09	01/15/11 19:25	1
Hexachloroethane	ND		5.3	0.51	ug/L		01/12/11 17:09	01/15/11 19:25	1
Indeno[1,2,3-cd]pyrene	ND		5.3	0.20	ug/L		01/12/11 17:09	01/15/11 19:25	1
Isophorone	ND		5.3	0.17	ug/L		01/12/11 17:09	01/15/11 19:25	1
Naphthalene	ND		5.3	0.085	ug/L		01/12/11 17:09	01/15/11 19:25	1
Nitrobenzene	ND		5.3	0.12	ug/L		01/12/11 17:09	01/15/11 19:25	1
N-Nitrosodimethylamine	ND		11	1.0	ug/L		01/12/11 17:09	01/15/11 19:25	1
N-Nitrosodi-n-propylamine	ND		5.3	0.24	ug/L		01/12/11 17:09	01/15/11 19:25	1
N-Nitrosodiphenylamine	ND		5.3	0.42	ug/L		01/12/11 17:09	01/15/11 19:25	1
n-Octadecane	ND		11	0.75	ug/L		01/12/11 17:09	01/15/11 19:25	1
Pentachlorophenol	ND		11	0.44	ug/L		01/12/11 17:09	01/15/11 19:25	1
Phenanthrene	ND		5.3	0.076	ug/L		01/12/11 17:09	01/15/11 19:25	1
Phenol	ND		5.3	0.13	ug/L		01/12/11 17:09	01/15/11 19:25	1
Pyrene	ND		5.3	0.043	ug/L		01/12/11 17:09	01/15/11 19:25	1

Client Sample ID: 001 COMPOSITE
Date Collected: 01/07/11 14:30
Date Received: 01/10/11 13:05

Lab Sample ID: 480-722-1
Matrix: Water

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 151*	*01/12/11 17:09*	*01/15/11 19:25*	*1*
2-Fluorobiphenyl	*65*		*44 - 120*	*01/12/11 17:09*	*01/15/11 19:25*	*1*
2-Fluorophenol	*35*		*17 - 120*	*01/12/11 17:09*	*01/15/11 19:25*	*1*
Nitrobenzene-d5	*58*		*42 - 120*	*01/12/11 17:09*	*01/15/11 19:25*	*1*
Phenol-d5	*28*		*10 - 120*	*01/12/11 17:09*	*01/15/11 19:25*	*1*
p-Terphenyl-d14	*108*		*22 - 125*	*01/12/11 17:09*	*01/15/11 19:25*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0036**	**J**	0.010	0.0017	mg/L		01/11/11 09:21	01/12/11 18:28	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/11/11 07:49	01/11/11 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.23**		0.010	0.0050	mg/L		01/17/11 09:45	01/19/11 10:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.97**	**HF**	0.100	0.100	SU			01/11/11 10:55	1

Surrogate Summary

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

TestAmerica Job ID: 480-722-1

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)							
480-722-1	001 COMPOSITE	93	98	96							
LCS 480-2258/4	LCS 480-2258/4	98	103	94							
MB 480-2258/5	MB 480-2258/5	93	100	94							

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)		
480-722-1	001 COMPOSITE	101	65	35	58	28	108		
LCS 480-2445/2-A	LCS 480-2445/2-A	104	77	46	74	36	92		
MB 480-2445/1-A	MB 480-2445/1-A	103	72	39	68	30	113		

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 480-2258/5
Matrix: Water
Analysis Batch: 2258

Client Sample ID: MB 480-2258/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/11/11 13:13	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			01/11/11 13:13	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/11/11 13:13	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/11/11 13:13	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			01/11/11 13:13	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			01/11/11 13:13	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/11/11 13:13	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/11/11 13:13	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			01/11/11 13:13	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			01/11/11 13:13	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			01/11/11 13:13	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			01/11/11 13:13	1
Acrolein	ND		100	17	ug/L			01/11/11 13:13	1
Acrylonitrile	ND		25	1.9	ug/L			01/11/11 13:13	1
Benzene	ND		5.0	0.60	ug/L			01/11/11 13:13	1
Bromodichloromethane	ND		5.0	0.54	ug/L			01/11/11 13:13	1
Bromoform	ND		5.0	0.47	ug/L			01/11/11 13:13	1
Bromomethane	ND		5.0	1.2	ug/L			01/11/11 13:13	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/11/11 13:13	1
Chlorobenzene	ND		5.0	0.48	ug/L			01/11/11 13:13	1
Chloroethane	ND		5.0	0.87	ug/L			01/11/11 13:13	1
Chloroform	ND		5.0	0.54	ug/L			01/11/11 13:13	1
Chloromethane	ND		5.0	0.64	ug/L			01/11/11 13:13	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			01/11/11 13:13	1
Dibromochloromethane	ND		5.0	0.41	ug/L			01/11/11 13:13	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			01/11/11 13:13	1
Ethylbenzene	ND		5.0	0.46	ug/L			01/11/11 13:13	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/11/11 13:13	1
Tetrachloroethene	ND		5.0	0.34	ug/L			01/11/11 13:13	1
Toluene	ND		5.0	0.45	ug/L			01/11/11 13:13	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			01/11/11 13:13	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			01/11/11 13:13	1
Trichloroethene	ND		5.0	0.60	ug/L			01/11/11 13:13	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			01/11/11 13:13	1
Vinyl chloride	ND		5.0	0.75	ug/L			01/11/11 13:13	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*01/11/11 13:13*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*01/11/11 13:13*	*1*
Toluene-d8 (Surr)	*94*		*70 - 123*		*01/11/11 13:13*	*1*

Lab Sample ID: LCS 480-2258/4
Matrix: Water
Analysis Batch: 2258

Client Sample ID: LCS 480-2258/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1-Trichloroethane	20.0	18.5		ug/L		92	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.3		ug/L		97	61 - 140
1,1,2-Trichloroethane	20.0	18.3		ug/L		92	71 - 129

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

Lab Sample ID: LCS 480-2258/4
Matrix: Water
Analysis Batch: 2258

Client Sample ID: LCS 480-2258/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethane	20.0	20.3		ug/L		101	73 - 128
1,1-Dichloroethene	20.0	16.2		ug/L		81	51 - 150
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	63 - 137
1,2-Dichloroethane	20.0	20.2		ug/L		101	68 - 132
1,2-Dichloropropane	20.0	19.4		ug/L		97	34 - 166
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	73 - 127
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	63 - 137
2-Chloroethyl vinyl ether	100	100		ug/L		100	1 - 224
Benzene	20.0	19.9		ug/L		99	64 - 136
Bromodichloromethane	20.0	20.2		ug/L		101	66 - 135
Bromoform	20.0	16.4		ug/L		82	71 - 129
Bromomethane	20.0	19.4		ug/L		97	14 - 186
Carbon tetrachloride	20.0	18.3		ug/L		91	73 - 127
Chlorobenzene	20.0	19.3		ug/L		97	66 - 134
Chloroethane	20.0	21.5		ug/L		108	38 - 162
Chloroform	20.0	20.7		ug/L		104	68 - 133
Chloromethane	20.0	23.7		ug/L		118	1 - 204
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	24 - 176
Dibromochloromethane	20.0	17.8		ug/L		89	68 - 133
Ethylbenzene	20.0	19.5		ug/L		98	59 - 141
Methylene Chloride	20.0	21.1		ug/L		105	61 - 140
Tetrachloroethene	20.0	17.2		ug/L		86	74 - 127
Toluene	20.0	18.8		ug/L		94	75 - 126
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 131
trans-1,3-Dichloropropene	20.0	17.1		ug/L		86	50 - 150
Trichloroethene	20.0	18.8		ug/L		94	67 - 134
Trichlorofluoromethane	20.0	23.1		ug/L		116	48 - 152
Vinyl chloride	20.0	22.5		ug/L		112	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 130*
4-Bromofluorobenzene (Surr)	*103*		*69 - 121*
Toluene-d8 (Surr)	*94*		*70 - 123*

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

Lab Sample ID: MB 480-2445/1-A
Matrix: Water
Analysis Batch: 2713

Client Sample ID: MB 480-2445/1-A
Prep Type: Total/NA
Prep Batch: 2445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		01/12/11 17:09	01/15/11 17:29	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		01/12/11 17:09	01/15/11 17:29	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		01/12/11 17:09	01/15/11 17:29	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		01/12/11 17:09	01/15/11 17:29	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		01/12/11 17:09	01/15/11 17:29	1

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

Lab Sample ID: MB 480-2445/1-A
Matrix: Water
Analysis Batch: 2713

Client Sample ID: MB 480-2445/1-A
Prep Type: Total/NA
Prep Batch: 2445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		01/12/11 17:09	01/15/11 17:29	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		01/12/11 17:09	01/15/11 17:29	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		01/12/11 17:09	01/15/11 17:29	1
2-Chlorophenol	ND		5.0	0.16	ug/L		01/12/11 17:09	01/15/11 17:29	1
2-Nitrophenol	ND		5.0	0.14	ug/L		01/12/11 17:09	01/15/11 17:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		01/12/11 17:09	01/15/11 17:29	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		01/12/11 17:09	01/15/11 17:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		01/12/11 17:09	01/15/11 17:29	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		01/12/11 17:09	01/15/11 17:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		01/12/11 17:09	01/15/11 17:29	1
4-Nitrophenol	ND		10	1.3	ug/L		01/12/11 17:09	01/15/11 17:29	1
Acenaphthene	ND		5.0	0.060	ug/L		01/12/11 17:09	01/15/11 17:29	1
Acenaphthylene	ND		5.0	0.034	ug/L		01/12/11 17:09	01/15/11 17:29	1
Anthracene	ND		5.0	0.052	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzidine	ND		80	2.5	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		01/12/11 17:09	01/15/11 17:29	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		01/12/11 17:09	01/15/11 17:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		01/12/11 17:09	01/15/11 17:29	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		01/12/11 17:09	01/15/11 17:29	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		01/12/11 17:09	01/15/11 17:29	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		01/12/11 17:09	01/15/11 17:29	1
Chrysene	ND		5.0	0.036	ug/L		01/12/11 17:09	01/15/11 17:29	1
Decane	ND		10	1.6	ug/L		01/12/11 17:09	01/15/11 17:29	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		01/12/11 17:09	01/15/11 17:29	1
Diethyl phthalate	ND		5.0	0.17	ug/L		01/12/11 17:09	01/15/11 17:29	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		01/12/11 17:09	01/15/11 17:29	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		01/12/11 17:09	01/15/11 17:29	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		01/12/11 17:09	01/15/11 17:29	1
Fluoranthene	ND		5.0	0.11	ug/L		01/12/11 17:09	01/15/11 17:29	1
Fluorene	ND		5.0	0.043	ug/L		01/12/11 17:09	01/15/11 17:29	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		01/12/11 17:09	01/15/11 17:29	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		01/12/11 17:09	01/15/11 17:29	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		01/12/11 17:09	01/15/11 17:29	1
Hexachloroethane	ND		5.0	0.48	ug/L		01/12/11 17:09	01/15/11 17:29	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		01/12/11 17:09	01/15/11 17:29	1
Isophorone	ND		5.0	0.16	ug/L		01/12/11 17:09	01/15/11 17:29	1
Naphthalene	ND		5.0	0.080	ug/L		01/12/11 17:09	01/15/11 17:29	1
Nitrobenzene	ND		5.0	0.11	ug/L		01/12/11 17:09	01/15/11 17:29	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		01/12/11 17:09	01/15/11 17:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		01/12/11 17:09	01/15/11 17:29	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		01/12/11 17:09	01/15/11 17:29	1
n-Octadecane	ND		10	0.70	ug/L		01/12/11 17:09	01/15/11 17:29	1
Pentachlorophenol	ND		10	0.41	ug/L		01/12/11 17:09	01/15/11 17:29	1
Phenanthrene	ND		5.0	0.071	ug/L		01/12/11 17:09	01/15/11 17:29	1
Phenol	ND		5.0	0.12	ug/L		01/12/11 17:09	01/15/11 17:29	1

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

Lab Sample ID: MB 480-2445/1-A
Matrix: Water
Analysis Batch: 2713

Client Sample ID: MB 480-2445/1-A
Prep Type: Total/NA
Prep Batch: 2445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		5.0	0.041	ug/L		01/12/11 17:09	01/15/11 17:29	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*52 - 151*	*01/12/11 17:09*	*01/15/11 17:29*	*1*
2-Fluorobiphenyl	*72*		*44 - 120*	*01/12/11 17:09*	*01/15/11 17:29*	*1*
2-Fluorophenol	*39*		*17 - 120*	*01/12/11 17:09*	*01/15/11 17:29*	*1*
Nitrobenzene-d5	*68*		*42 - 120*	*01/12/11 17:09*	*01/15/11 17:29*	*1*
Phenol-d5	*30*		*10 - 120*	*01/12/11 17:09*	*01/15/11 17:29*	*1*
p-Terphenyl-d14	*113*		*22 - 125*	*01/12/11 17:09*	*01/15/11 17:29*	*1*

Lab Sample ID: LCS 480-2445/2-A
Matrix: Water
Analysis Batch: 2713

Client Sample ID: LCS 480-2445/2-A
Prep Type: Total/NA
Prep Batch: 2445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	54.0		ug/L		54	44 - 142
1,2-Dichlorobenzene	100	50.8		ug/L		51	32 - 129
1,3-Dichlorobenzene	100	45.8		ug/L		46	1 - 172
1,4-Dichlorobenzene	100	47.6		ug/L		48	20 - 124
2,2'-Oxybis(1-chloropropane)	100	71.4		ug/L		71	36 - 166
2,4,6-Trichlorophenol	100	91.0		ug/L		91	37 - 144
2,4-Dichlorophenol	100	83.5		ug/L		84	39 - 135
2,4-Dimethylphenol	100	81.0		ug/L		81	32 - 119
2,4-Dinitrophenol	100	123		ug/L		123	1 - 191
2,4-Dinitrotoluene	100	101		ug/L		101	39 - 139
2,6-Dinitrotoluene	100	99.8		ug/L		100	50 - 158
2-Chloronaphthalene	100	78.4		ug/L		78	60 - 118
2-Chlorophenol	100	71.4		ug/L		71	23 - 134
2-Nitrophenol	100	79.7		ug/L		80	29 - 182
3,3'-Dichlorobenzidine	100	53.0		ug/L		53	1 - 262
4,6-Dinitro-2-methylphenol	100	115		ug/L		115	1 - 181
4-Bromophenyl phenyl ether	100	93.4		ug/L		93	53 - 127
4-Chloro-3-methylphenol	100	95.8		ug/L		96	22 - 147
4-Chlorophenyl phenyl ether	100	95.2		ug/L		95	25 - 158
4-Nitrophenol	100	55.4		ug/L		55	1 - 132
Acenaphthene	100	89.4		ug/L		89	47 - 145
Acenaphthylene	100	91.1		ug/L		91	33 - 145
Anthracene	100	101		ug/L		101	27 - 133
Benzo[a]anthracene	100	104		ug/L		104	33 - 143
Benzo[a]pyrene	100	107		ug/L		107	17 - 163
Benzo[b]fluoranthene	100	107		ug/L		107	24 - 159
Benzo[g,h,i]perylene	100	119		ug/L		119	1 - 219
Benzo[k]fluoranthene	100	99.2		ug/L		99	11 - 162
Bis(2-chloroethoxy)methane	100	78.9		ug/L		79	33 - 184
Bis(2-chloroethyl)ether	100	73.2		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	100	113		ug/L		113	8 - 158
Butyl benzyl phthalate	100	103		ug/L		103	1 - 152
Chrysene	100	101		ug/L		101	17 - 168
Dibenz(a,h)anthracene	100	132		ug/L		132	1 - 227

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

Lab Sample ID: LCS 480-2445/2-A
Matrix: Water
Analysis Batch: 2713

Client Sample ID: LCS 480-2445/2-A
Prep Type: Total/NA
Prep Batch: 2445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diethyl phthalate	100	98.2		ug/L		98	1 - 114
Dimethyl phthalate	100	95.3		ug/L		95	1 - 112
Di-n-butyl phthalate	100	107		ug/L		107	1 - 118
Di-n-octyl phthalate	100	107		ug/L		107	4 - 146
Fluoranthene	100	102		ug/L		102	26 - 137
Fluorene	100	98.4		ug/L		98	59 - 121
Hexachlorobenzene	100	91.6		ug/L		92	1 - 152
Hexachlorocyclopentadiene	100	47.1		ug/L		47	5 - 120
Hexachloroethane	100	40.6		ug/L		41	40 - 113
Indeno[1,2,3-cd]pyrene	100	127		ug/L		127	1 - 171
Isophorone	100	86.2		ug/L		86	21 - 196
Naphthalene	100	67.4		ug/L		67	21 - 133
Nitrobenzene	100	74.0		ug/L		74	35 - 180
N-Nitrosodi-n-propylamine	100	89.2		ug/L		89	1 - 230
N-Nitrosodiphenylamine	100	107		ug/L		107	54 - 125
Pentachlorophenol	100	104		ug/L		104	14 - 176
Phenanthrene	100	98.4		ug/L		98	54 - 120
Phenol	100	41.5		ug/L		42	5 - 112
Pyrene	100	97.8		ug/L		98	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*77*		*44 - 120*
2-Fluorophenol	*46*		*17 - 120*
Nitrobenzene-d5	*74*		*42 - 120*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*92*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-2245/1-A
Matrix: Water
Analysis Batch: 2383

Client Sample ID: MB 480-2245/1-A
Prep Type: Total/NA
Prep Batch: 2245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		01/11/11 09:21	01/11/11 18:27	1

Lab Sample ID: LCS 480-2245/2-A
Matrix: Water
Analysis Batch: 2383

Client Sample ID: LCS 480-2245/2-A
Prep Type: Total/NA
Prep Batch: 2245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.215		mg/L		107	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-2234/1-A
Matrix: Water
Analysis Batch: 2297

Client Sample ID: MB 480-2234/1-A
Prep Type: Total/NA
Prep Batch: 2234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/11/11 07:49	01/11/11 12:04	1

Lab Sample ID: LCS 480-2234/2-A
Matrix: Water
Analysis Batch: 2297

Client Sample ID: LCS 480-2234/2-A
Prep Type: Total/NA
Prep Batch: 2234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00692		mg/L		104	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-2797/2-A
Matrix: Water
Analysis Batch: 3044

Client Sample ID: MB 480-2797/2-A
Prep Type: Total/NA
Prep Batch: 2797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		01/17/11 09:45	01/19/11 10:28	1

Lab Sample ID: LCS 480-2797/1-A
Matrix: Water
Analysis Batch: 3044

Client Sample ID: LCS 480-2797/1-A
Prep Type: Total/NA
Prep Batch: 2797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.400	0.438		mg/L		109	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-2268/1
Matrix: Water
Analysis Batch: 2268

Client Sample ID: LCS 480-2268/1
Prep Type: Total/NA

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

GC/MS VOA

Analysis Batch: 2258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-2258/4	LCS 480-2258/4	Total/NA	Water	624	
MB 480-2258/5	MB 480-2258/5	Total/NA	Water	624	
480-722-1	001 COMPOSITE	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 2445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-2445/1-A	MB 480-2445/1-A	Total/NA	Water	625	
LCS 480-2445/2-A	LCS 480-2445/2-A	Total/NA	Water	625	
480-722-1	001 COMPOSITE	Total/NA	Water	625	

Analysis Batch: 2713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-2445/1-A	MB 480-2445/1-A	Total/NA	Water	625	2445
LCS 480-2445/2-A	LCS 480-2445/2-A	Total/NA	Water	625	2445
480-722-1	001 COMPOSITE	Total/NA	Water	625	2445

Metals

Prep Batch: 2234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-2234/1-A	MB 480-2234/1-A	Total/NA	Water	245.1	
LCS 480-2234/2-A	LCS 480-2234/2-A	Total/NA	Water	245.1	
480-722-1	001 COMPOSITE	Total/NA	Water	245.1	

Prep Batch: 2245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-2245/1-A	MB 480-2245/1-A	Total/NA	Water	200.7	
LCS 480-2245/2-A	LCS 480-2245/2-A	Total/NA	Water	200.7	
480-722-1	001 COMPOSITE	Total/NA	Water	200.7	

Analysis Batch: 2297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-722-1	001 COMPOSITE	Total/NA	Water	245.1	2234
MB 480-2234/1-A	MB 480-2234/1-A	Total/NA	Water	245.1	2234
LCS 480-2234/2-A	LCS 480-2234/2-A	Total/NA	Water	245.1	2234

Analysis Batch: 2383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-2245/1-A	MB 480-2245/1-A	Total/NA	Water	200.7 Rev 4.4	2245
LCS 480-2245/2-A	LCS 480-2245/2-A	Total/NA	Water	200.7 Rev 4.4	2245

Analysis Batch: 2495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-722-1	001 COMPOSITE	Total/NA	Water	200.7 Rev 4.4	2245

General Chemistry

Analysis Batch: 2268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-2268/1	LCS 480-2268/1	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Analysis Batch: 2268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-722-1	001 COMPOSITE	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 2797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-2797/1-A	LCS 480-2797/1-A	Total/NA	Water	Distill/CN	
MB 480-2797/2-A	MB 480-2797/2-A	Total/NA	Water	Distill/CN	
480-722-1	001 COMPOSITE	Total/NA	Water	Distill/CN	

Analysis Batch: 3044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-2797/1-A	LCS 480-2797/1-A	Total/NA	Water	335.4	2797
MB 480-2797/2-A	MB 480-2797/2-A	Total/NA	Water	335.4	2797
480-722-1	001 COMPOSITE	Total/NA	Water	335.4	2797

Lab Chronicle

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

TestAmerica Job ID: 480-722-1

Client Sample ID: 001 COMPOSITE
Date Collected: 01/07/11 14:30
Date Received: 01/10/11 13:05

Lab Sample ID: 480-722-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	2258	01/12/11 05:40	TRB	TestAmerica Buffalo
Total/NA	Prep	625			2445	01/12/11 17:09	LT	TestAmerica Buffalo
Total/NA	Analysis	625		1	2713	01/15/11 19:25	MF	TestAmerica Buffalo
Total/NA	Prep	245.1			2234	01/11/11 07:49	JRK	TestAmerica Buffalo
Total/NA	Analysis	245.1		1	2297	01/11/11 12:40	JRK	TestAmerica Buffalo
Total/NA	Prep	200.7			2245	01/11/11 09:21	MM	TestAmerica Buffalo
Total/NA	Analysis	200.7 Rev 4.4		1	2495	01/12/11 18:28	LH	TestAmerica Buffalo
Total/NA	Analysis	SM 4500 H+ B		1	2268	01/11/11 10:55	JR	TestAmerica Buffalo
Total/NA	Prep	Distill/CN			2797	01/17/11 09:45	KP	TestAmerica Buffalo
Total/NA	Analysis	335.4		1	3044	01/19/11 10:28	RF	TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-722-1

Laboratory	Authority	Program	EPA Region	Certification ID	Expiration Date
TestAmerica Buffalo		USDA		P330-08-00242	11/25/11
TestAmerica Buffalo	Arkansas	State Program	6	88-0686	07/06/11
TestAmerica Buffalo	California	NELAC	9	1169CA	09/30/11
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568	09/30/12
TestAmerica Buffalo	Florida	NELAC	4	E87672	06/30/11
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A	03/31/11
TestAmerica Buffalo	Georgia	State Program	4	956	04/01/10
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003	09/30/11
TestAmerica Buffalo	Iowa	State Program	7	374	03/01/11
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30	04/12/12
TestAmerica Buffalo	Louisiana	NELAC	6	02031	06/30/11
TestAmerica Buffalo	Maine	State Program	1	NY0044	12/04/12
TestAmerica Buffalo	Maryland	State Program	3	294	03/31/11
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044	06/30/11
TestAmerica Buffalo	Michigan	State Program	5	9937	04/01/11
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337	12/31/11
TestAmerica Buffalo	New Hampshire	NELAC	1	2337	09/11/11
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281	11/17/11
TestAmerica Buffalo	New Jersey	NELAC	2	NY455	06/30/11
TestAmerica Buffalo	New York	NELAC	2	10026	04/01/11
TestAmerica Buffalo	North Dakota	State Program	8	R-176	03/31/11
TestAmerica Buffalo	Oklahoma	State Program	6	9421	09/30/11
TestAmerica Buffalo	Oregon	NELAC	10	NY200003	06/10/11
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281	07/31/11
TestAmerica Buffalo	Tennessee	State Program	4	TN02970	03/31/11
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX	07/31/11
TestAmerica Buffalo	Virginia	State Program	3	278	06/30/11
TestAmerica Buffalo	Washington	State Program	10	C1677	02/10/11
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252	09/30/11
TestAmerica Buffalo	Wisconsin	State Program	5	998310390	08/31/11

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: 480-722-1

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: 480-722-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-722-1	001 COMPOSITE	Water	01/07/11 14:30	01/10/11 13:05

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Paul Morrow	Carrier Tracking No(s):	COC No: 11032010 17:04_1
Client Contact: Andrew Janik	Phone: 484-645-2301	E-Mail: Paul.Morrow@testamericainc.com		Page: 1
Company: Groundwater & Env Svcs Inc - Cheektowaga, NY				Job #:
Address: 158 Sonwil Drive	Due Date Requested:			
City: Cheektowaga	TAT Requested (Business Days): 10			
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email: ajanik@gesonline.com	WO #: RTK0469			
Project Name: BRISTOL-MYERS MONTHLY - NY5A9483AE04622	Project #: BRISTOL-MYERS MONTHLY			
Site: GES - Bristol Myers - NY5A9483	SSOW#:			

Parameter(s) Requested

Preservation Codes:
A=HCL Z=Z
B=NaOH
C=Zn Acetate
D=Nitric Acid
I=Ice
N=None
S=H2SO4
V=MCAA
Contaner Codes:
A=Amber T=Tedlar
G=Glass V=Vial
P=Poly/Plastic
S=Summa

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)	T-Metals::T-Mercury::pH::Cn::SVOC	624 VOAS	Total Number of containers	Special Instructions/Note:
			Preserv-Cont Code:				A	A-V		
001	1-7-11	0800	G	W			1	2	12	
001	1-7-11	1000					1	2		
001	1-7-11	1215					1	2		
001	1-7-11	1430					1	2		

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Brent Miller	1-7-11 / 1445	GES		01-10-11 12:15	BFLO
2		01-10-11 13:05	BFLO		1-10-11 / 1305	TAL
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes ☒ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Check List

Client: Groundwater & Environmental Services Inc

Job Number: 480-722-1

Login Number: 722

List Source: TestAmerica Buffalo

Creator: Stadler, John

List Number: 1

Question	T / F/ NA	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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine 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: 480-1758-1
Client Project/Site: Bristol Myers Squibb Monthly

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

Attn: Andrew Janik

Melissa Deyo

Authorized for release by:
3/1/2011 11:53 AM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

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

Table of Contents

Qualifier Definition/Glossary

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

TestAmerica Job ID: 480-1758-1

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.

General Chemistry

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

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 480-1758-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-1758-1

Receipt
The following samples were received unpreserved and were preserved upon receipt to the laboratory: . Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion for Metal Analysis. Poured into pre-preserved bottle from lot #J11046

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

GC/MS VOA
Method 624: The following sample was composited by the laboratory on 2/18/11as requested on the chain-of-custody: 001 (480-1758-1).

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 (480-1758-1)

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: 480-1758-1

Client Sample ID: 001

Lab Sample ID: 480-1758-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.36	J	4.8	0.055	ug/L	1		625	Total/NA
Fluoranthene	0.25	J	4.8	0.10	ug/L	1		625	Total/NA
Pyrene	0.39	J	4.8	0.039	ug/L	1		625	Total/NA
Cyanide, Total	0.26		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.60	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: 001
Date Collected: 02/16/11 14:00
Date Received: 02/17/11 13:00

Lab Sample ID: 480-1758-1
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			02/18/11 15:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/18/11 15:15	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/18/11 15:15	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/18/11 15:15	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/18/11 15:15	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/18/11 15:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/18/11 15:15	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/18/11 15:15	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/18/11 15:15	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/18/11 15:15	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/18/11 15:15	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/18/11 15:15	1
Acrolein	ND		100	17	ug/L			02/18/11 15:15	1
Acrylonitrile	ND		25	1.9	ug/L			02/18/11 15:15	1
Benzene	ND		5.0	0.60	ug/L			02/18/11 15:15	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/18/11 15:15	1
Bromoform	ND		5.0	0.47	ug/L			02/18/11 15:15	1
Bromomethane	ND		5.0	1.2	ug/L			02/18/11 15:15	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/18/11 15:15	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/18/11 15:15	1
Chloroethane	ND		5.0	0.87	ug/L			02/18/11 15:15	1
Chloroform	ND		5.0	0.54	ug/L			02/18/11 15:15	1
Chloromethane	ND		5.0	0.64	ug/L			02/18/11 15:15	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/18/11 15:15	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/18/11 15:15	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			02/18/11 15:15	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/18/11 15:15	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/18/11 15:15	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/18/11 15:15	1
Toluene	ND		5.0	0.45	ug/L			02/18/11 15:15	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/18/11 15:15	1
Trichloroethene	ND		5.0	0.60	ug/L			02/18/11 15:15	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/18/11 15:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/18/11 15:15	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 130*		*02/18/11 15:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*69 - 121*		*02/18/11 15:15*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*02/18/11 15:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.5	0.47	ug/L		02/22/11 08:49	02/24/11 19:29	1
1,2-Dichlorobenzene	ND		9.5	0.14	ug/L		02/22/11 08:49	02/24/11 19:29	1
1,2-Diphenylhydrazine	ND		9.5	0.060	ug/L		02/22/11 08:49	02/24/11 19:29	1
1,3-Dichlorobenzene	ND		9.5	0.066	ug/L		02/22/11 08:49	02/24/11 19:29	1
1,4-Dichlorobenzene	ND		9.5	0.085	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,2'-Oxybis(1-chloropropane)	ND		4.8	0.082	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,4,6-Trichlorophenol	ND		4.8	0.22	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,4-Dichlorophenol	ND		4.8	0.29	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,4-Dimethylphenol	ND		4.8	0.13	ug/L		02/22/11 08:49	02/24/11 19:29	1

Client Sample ID: 001
Date Collected: 02/16/11 14:00
Date Received: 02/17/11 13:00

Lab Sample ID: 480-1758-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.5	0.80	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,4-Dinitrotoluene	ND		4.8	0.25	ug/L		02/22/11 08:49	02/24/11 19:29	1
2,6-Dinitrotoluene	ND		4.8	0.68	ug/L		02/22/11 08:49	02/24/11 19:29	1
2-Chloronaphthalene	ND		4.8	0.064	ug/L		02/22/11 08:49	02/24/11 19:29	1
2-Chlorophenol	ND		4.8	0.15	ug/L		02/22/11 08:49	02/24/11 19:29	1
2-Nitrophenol	ND		4.8	0.14	ug/L		02/22/11 08:49	02/24/11 19:29	1
3,3'-Dichlorobenzidine	ND		4.8	0.78	ug/L		02/22/11 08:49	02/24/11 19:29	1
4,6-Dinitro-2-methylphenol	ND		9.5	0.72	ug/L		02/22/11 08:49	02/24/11 19:29	1
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L		02/22/11 08:49	02/24/11 19:29	1
4-Chloro-3-methylphenol	ND		4.8	0.53	ug/L		02/22/11 08:49	02/24/11 19:29	1
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L		02/22/11 08:49	02/24/11 19:29	1
4-Nitrophenol	ND		9.5	1.3	ug/L		02/22/11 08:49	02/24/11 19:29	1
Acenaphthene	ND		4.8	0.057	ug/L		02/22/11 08:49	02/24/11 19:29	1
Acenaphthylene	ND		4.8	0.032	ug/L		02/22/11 08:49	02/24/11 19:29	1
Anthracene	ND		4.8	0.050	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzidine	ND		76	2.4	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzo[a]anthracene	ND		4.8	0.041	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzo[a]pyrene	**0.36**	**J**	4.8	0.055	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzo[b]fluoranthene	ND		4.8	0.059	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzo[g,h,i]perylene	ND		4.8	0.095	ug/L		02/22/11 08:49	02/24/11 19:29	1
Benzo[k]fluoranthene	ND		4.8	0.040	ug/L		02/22/11 08:49	02/24/11 19:29	1
Bis(2-chloroethoxy)methane	ND		4.8	0.081	ug/L		02/22/11 08:49	02/24/11 19:29	1
Bis(2-chloroethyl)ether	ND		4.8	1.0	ug/L		02/22/11 08:49	02/24/11 19:29	1
Bis(2-ethylhexyl) phthalate	ND		9.5	0.82	ug/L		02/22/11 08:49	02/24/11 19:29	1
Butyl benzyl phthalate	ND		4.8	1.2	ug/L		02/22/11 08:49	02/24/11 19:29	1
Chrysene	ND		4.8	0.034	ug/L		02/22/11 08:49	02/24/11 19:29	1
Decane	ND		9.5	1.5	ug/L		02/22/11 08:49	02/24/11 19:29	1
Dibenz(a,h)anthracene	ND		4.8	0.053	ug/L		02/22/11 08:49	02/24/11 19:29	1
Diethyl phthalate	ND		4.8	0.16	ug/L		02/22/11 08:49	02/24/11 19:29	1
Dimethyl phthalate	ND		4.8	0.16	ug/L		02/22/11 08:49	02/24/11 19:29	1
Di-n-butyl phthalate	ND		4.8	0.89	ug/L		02/22/11 08:49	02/24/11 19:29	1
Di-n-octyl phthalate	ND		4.8	4.2	ug/L		02/22/11 08:49	02/24/11 19:29	1
Fluoranthene	**0.25**	**J**	4.8	0.10	ug/L		02/22/11 08:49	02/24/11 19:29	1
Fluorene	ND		4.8	0.041	ug/L		02/22/11 08:49	02/24/11 19:29	1
Hexachlorobenzene	ND		4.8	0.26	ug/L		02/22/11 08:49	02/24/11 19:29	1
Hexachlorobutadiene	ND		4.8	0.59	ug/L		02/22/11 08:49	02/24/11 19:29	1
Hexachlorocyclopentadiene	ND		4.8	0.43	ug/L		02/22/11 08:49	02/24/11 19:29	1
Hexachloroethane	ND		4.8	0.46	ug/L		02/22/11 08:49	02/24/11 19:29	1
Indeno[1,2,3-cd]pyrene	ND		4.8	0.18	ug/L		02/22/11 08:49	02/24/11 19:29	1
Isophorone	ND		4.8	0.15	ug/L		02/22/11 08:49	02/24/11 19:29	1
Naphthalene	ND		4.8	0.076	ug/L		02/22/11 08:49	02/24/11 19:29	1
Nitrobenzene	ND		4.8	0.11	ug/L		02/22/11 08:49	02/24/11 19:29	1
N-Nitrosodimethylamine	ND		9.5	0.92	ug/L		02/22/11 08:49	02/24/11 19:29	1
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L		02/22/11 08:49	02/24/11 19:29	1
N-Nitrosodiphenylamine	ND		4.8	0.38	ug/L		02/22/11 08:49	02/24/11 19:29	1
n-Octadecane	ND		9.5	0.67	ug/L		02/22/11 08:49	02/24/11 19:29	1
Pentachlorophenol	ND		9.5	0.39	ug/L		02/22/11 08:49	02/24/11 19:29	1
Phenanthrene	ND		4.8	0.068	ug/L		02/22/11 08:49	02/24/11 19:29	1
Phenol	ND		4.8	0.12	ug/L		02/22/11 08:49	02/24/11 19:29	1
Pyrene	**0.39**	**J**	4.8	0.039	ug/L		02/22/11 08:49	02/24/11 19:29	1

Client Sample ID: 001
Date Collected: 02/16/11 14:00
Date Received: 02/17/11 13:00

Lab Sample ID: 480-1758-1
Matrix: Water

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*52 - 151*	*02/22/11 08:49*	*02/24/11 19:29*	*1*
2-Fluorobiphenyl	*61*		*44 - 120*	*02/22/11 08:49*	*02/24/11 19:29*	*1*
2-Fluorophenol	*31*		*17 - 120*	*02/22/11 08:49*	*02/24/11 19:29*	*1*
Nitrobenzene-d5	*62*		*42 - 120*	*02/22/11 08:49*	*02/24/11 19:29*	*1*
Phenol-d5	*24*		*10 - 120*	*02/22/11 08:49*	*02/24/11 19:29*	*1*
p-Terphenyl-d14	*46*		*22 - 125*	*02/22/11 08:49*	*02/24/11 19:29*	*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		02/22/11 07:45	02/22/11 18:47	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/22/11 09:30	02/22/11 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.26**		0.010	0.0050	mg/L		02/22/11 18:36	02/24/11 11:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.60**	**HF**	0.100	0.100	SU			02/18/11 23:06	1

Surrogate Summary

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

TestAmerica Job ID: 480-1758-1

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)							
480-1758-1	001	114	104	99							
LCS 480-5912/4	LCS 480-5912/4	103	103	102							
MB 480-5912/5	MB 480-5912/5	105	104	100							

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)		
480-1758-1	001	86	61	31	62	24	46		
LCS 480-6061/2-A	LCS 480-6061/2-A	107	90	47	85	36	89		
LCSD 480-6061/3-A	LCSD 480-6061/3-A	111	93	52	92	40	95		
MB 480-6061/1-A	MB 480-6061/1-A	96	76	41	70	32	101		

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 480-5912/5
Matrix: Water
Analysis Batch: 5912

Client Sample ID: MB 480-5912/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/18/11 12:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/18/11 12:11	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/18/11 12:11	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/18/11 12:11	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/18/11 12:11	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/18/11 12:11	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/18/11 12:11	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/18/11 12:11	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/18/11 12:11	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/18/11 12:11	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/18/11 12:11	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/18/11 12:11	1
Acrolein	ND		100	17	ug/L			02/18/11 12:11	1
Acrylonitrile	ND		25	1.9	ug/L			02/18/11 12:11	1
Benzene	ND		5.0	0.60	ug/L			02/18/11 12:11	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/18/11 12:11	1
Bromoform	ND		5.0	0.47	ug/L			02/18/11 12:11	1
Bromomethane	ND		5.0	1.2	ug/L			02/18/11 12:11	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/18/11 12:11	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/18/11 12:11	1
Chloroethane	ND		5.0	0.87	ug/L			02/18/11 12:11	1
Chloroform	ND		5.0	0.54	ug/L			02/18/11 12:11	1
Chloromethane	ND		5.0	0.64	ug/L			02/18/11 12:11	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/18/11 12:11	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/18/11 12:11	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			02/18/11 12:11	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/18/11 12:11	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/18/11 12:11	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/18/11 12:11	1
Toluene	ND		5.0	0.45	ug/L			02/18/11 12:11	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/18/11 12:11	1
Trichloroethene	ND		5.0	0.60	ug/L			02/18/11 12:11	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/18/11 12:11	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/18/11 12:11	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*02/18/11 12:11*	*1*
4-Bromofluorobenzene (Surr)	*104*		*69 - 121*		*02/18/11 12:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*02/18/11 12:11*	*1*

Lab Sample ID: LCS 480-5912/4
Matrix: Water
Analysis Batch: 5912

Client Sample ID: LCS 480-5912/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1-Trichloroethane	20.0	16.4		ug/L		82	75 - 125
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	61 - 140
1,1,2-Trichloroethane	20.0	17.4		ug/L		87	71 - 129
1,1-Dichloroethane	20.0	17.1		ug/L		85	73 - 128

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

Lab Sample ID: LCS 480-5912/4
Matrix: Water
Analysis Batch: 5912

Client Sample ID: LCS 480-5912/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethene	20.0	14.0		ug/L		70	51 - 150
1,2-Dichlorobenzene	20.0	17.6		ug/L		88	63 - 137
1,2-Dichloroethane	20.0	17.7		ug/L		89	68 - 132
1,2-Dichloropropane	20.0	17.2		ug/L		86	34 - 166
1,3-Dichlorobenzene	20.0	17.5		ug/L		87	73 - 127
1,4-Dichlorobenzene	20.0	17.0		ug/L		85	63 - 137
2-Chloroethyl vinyl ether	100	106		ug/L		106	1 - 224
Benzene	20.0	16.6		ug/L		83	64 - 136
Bromodichloromethane	20.0	17.4		ug/L		87	66 - 135
Bromoform	20.0	17.7		ug/L		88	71 - 129
Bromomethane	20.0	20.3		ug/L		102	14 - 186
Carbon tetrachloride	20.0	16.9		ug/L		84	73 - 127
Chlorobenzene	20.0	17.0		ug/L		85	66 - 134
Chloroethane	20.0	18.5		ug/L		92	38 - 162
Chloroform	20.0	16.5		ug/L		82	68 - 133
Chloromethane	20.0	23.0		ug/L		115	1 - 204
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	24 - 176
Dibromochloromethane	20.0	17.7		ug/L		89	68 - 133
Ethylbenzene	20.0	17.1		ug/L		85	59 - 141
Methylene Chloride	20.0	17.3		ug/L		87	61 - 140
Tetrachloroethene	20.0	16.4		ug/L		82	74 - 127
Toluene	20.0	16.6		ug/L		83	75 - 126
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	50 - 150
Trichloroethene	20.0	16.5		ug/L		82	67 - 134
Trichlorofluoromethane	20.0	19.5		ug/L		98	48 - 152
Vinyl chloride	20.0	20.9		ug/L		105	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*103*		*69 - 121*
Toluene-d8 (Surr)	*102*		*70 - 123*

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

Lab Sample ID: MB 480-6061/1-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: MB 480-6061/1-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		02/22/11 08:49	02/24/11 18:20	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		02/22/11 08:49	02/24/11 18:20	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		02/22/11 08:49	02/24/11 18:20	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		02/22/11 08:49	02/24/11 18:20	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		02/22/11 08:49	02/24/11 18:20	1

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

Lab Sample ID: MB 480-6061/1-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: MB 480-6061/1-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		02/22/11 08:49	02/24/11 18:20	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		02/22/11 08:49	02/24/11 18:20	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		02/22/11 08:49	02/24/11 18:20	1
2-Chlorophenol	ND		5.0	0.16	ug/L		02/22/11 08:49	02/24/11 18:20	1
2-Nitrophenol	ND		5.0	0.14	ug/L		02/22/11 08:49	02/24/11 18:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		02/22/11 08:49	02/24/11 18:20	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		02/22/11 08:49	02/24/11 18:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		02/22/11 08:49	02/24/11 18:20	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		02/22/11 08:49	02/24/11 18:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		02/22/11 08:49	02/24/11 18:20	1
4-Nitrophenol	ND		10	1.3	ug/L		02/22/11 08:49	02/24/11 18:20	1
Acenaphthene	ND		5.0	0.060	ug/L		02/22/11 08:49	02/24/11 18:20	1
Acenaphthylene	ND		5.0	0.034	ug/L		02/22/11 08:49	02/24/11 18:20	1
Anthracene	ND		5.0	0.052	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzidine	ND		80	2.5	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		02/22/11 08:49	02/24/11 18:20	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		02/22/11 08:49	02/24/11 18:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		02/22/11 08:49	02/24/11 18:20	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		02/22/11 08:49	02/24/11 18:20	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		02/22/11 08:49	02/24/11 18:20	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		02/22/11 08:49	02/24/11 18:20	1
Chrysene	ND		5.0	0.036	ug/L		02/22/11 08:49	02/24/11 18:20	1
Decane	ND		10	1.6	ug/L		02/22/11 08:49	02/24/11 18:20	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		02/22/11 08:49	02/24/11 18:20	1
Diethyl phthalate	ND		5.0	0.17	ug/L		02/22/11 08:49	02/24/11 18:20	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		02/22/11 08:49	02/24/11 18:20	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		02/22/11 08:49	02/24/11 18:20	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		02/22/11 08:49	02/24/11 18:20	1
Fluoranthene	ND		5.0	0.11	ug/L		02/22/11 08:49	02/24/11 18:20	1
Fluorene	ND		5.0	0.043	ug/L		02/22/11 08:49	02/24/11 18:20	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		02/22/11 08:49	02/24/11 18:20	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		02/22/11 08:49	02/24/11 18:20	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		02/22/11 08:49	02/24/11 18:20	1
Hexachloroethane	ND		5.0	0.48	ug/L		02/22/11 08:49	02/24/11 18:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		02/22/11 08:49	02/24/11 18:20	1
Isophorone	ND		5.0	0.16	ug/L		02/22/11 08:49	02/24/11 18:20	1
Naphthalene	ND		5.0	0.080	ug/L		02/22/11 08:49	02/24/11 18:20	1
Nitrobenzene	ND		5.0	0.11	ug/L		02/22/11 08:49	02/24/11 18:20	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		02/22/11 08:49	02/24/11 18:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		02/22/11 08:49	02/24/11 18:20	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		02/22/11 08:49	02/24/11 18:20	1
n-Octadecane	ND		10	0.70	ug/L		02/22/11 08:49	02/24/11 18:20	1
Pentachlorophenol	ND		10	0.41	ug/L		02/22/11 08:49	02/24/11 18:20	1
Phenanthrene	ND		5.0	0.071	ug/L		02/22/11 08:49	02/24/11 18:20	1
Phenol	ND		5.0	0.12	ug/L		02/22/11 08:49	02/24/11 18:20	1
Pyrene	ND		5.0	0.041	ug/L		02/22/11 08:49	02/24/11 18:20	1

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

Lab Sample ID: MB 480-6061/1-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: MB 480-6061/1-A
Prep Type: Total/NA
Prep Batch: 6061

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	*96*		*52 - 151*	*02/22/11 08:49*	*02/24/11 18:20*	*1*
2-Fluorobiphenyl	*76*		*44 - 120*	*02/22/11 08:49*	*02/24/11 18:20*	*1*
2-Fluorophenol	*41*		*17 - 120*	*02/22/11 08:49*	*02/24/11 18:20*	*1*
Nitrobenzene-d5	*70*		*42 - 120*	*02/22/11 08:49*	*02/24/11 18:20*	*1*
Phenol-d5	*32*		*10 - 120*	*02/22/11 08:49*	*02/24/11 18:20*	*1*
p-Terphenyl-d14	*101*		*22 - 125*	*02/22/11 08:49*	*02/24/11 18:20*	*1*

Lab Sample ID: LCS 480-6061/2-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: LCS 480-6061/2-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	73.1		ug/L		73	44 - 142
1,2-Dichlorobenzene	100	65.6		ug/L		66	32 - 129
1,3-Dichlorobenzene	100	63.8		ug/L		64	1 - 172
1,4-Dichlorobenzene	100	64.8		ug/L		65	20 - 124
2,2'-Oxybis(1-chloropropane)	100	81.0		ug/L		81	36 - 166
2,4,6-Trichlorophenol	100	94.1		ug/L		94	37 - 144
2,4-Dichlorophenol	100	86.9		ug/L		87	39 - 135
2,4-Dimethylphenol	100	82.3		ug/L		82	32 - 119
2,4-Dinitrophenol	100	82.4		ug/L		82	1 - 191
2,4-Dinitrotoluene	100	105		ug/L		105	39 - 139
2,6-Dinitrotoluene	100	110		ug/L		110	50 - 158
2-Chloronaphthalene	100	86.7		ug/L		87	60 - 118
2-Chlorophenol	100	72.5		ug/L		73	23 - 134
2-Nitrophenol	100	90.2		ug/L		90	29 - 182
3,3'-Dichlorobenzidine	100	80.7		ug/L		81	1 - 262
4,6-Dinitro-2-methylphenol	100	117		ug/L		117	1 - 181
4-Bromophenyl phenyl ether	100	96.5		ug/L		97	53 - 127
4-Chloro-3-methylphenol	100	93.6		ug/L		94	22 - 147
4-Chlorophenyl phenyl ether	100	101		ug/L		101	25 - 158
4-Nitrophenol	100	51.9		ug/L		52	1 - 132
Acenaphthene	100	97.4		ug/L		97	47 - 145
Acenaphthylene	100	101		ug/L		101	33 - 145
Anthracene	100	103		ug/L		103	27 - 133
Benzo[a]anthracene	100	105		ug/L		105	33 - 143
Benzo[a]pyrene	100	107		ug/L		107	17 - 163
Benzo[b]fluoranthene	100	101		ug/L		101	24 - 159
Benzo[g,h,i]perylene	100	106		ug/L		106	1 - 219
Benzo[k]fluoranthene	100	103		ug/L		103	11 - 162
Bis(2-chloroethoxy)methane	100	86.8		ug/L		87	33 - 184
Bis(2-chloroethyl)ether	100	76.8		ug/L		77	12 - 158
Bis(2-ethylhexyl) phthalate	100	111		ug/L		111	8 - 158
Butyl benzyl phthalate	100	107		ug/L		107	1 - 152
Chrysene	100	109		ug/L		109	17 - 168
Dibenz(a,h)anthracene	100	109		ug/L		109	1 - 227
Diethyl phthalate	100	105		ug/L		105	1 - 114
Dimethyl phthalate	100	99.5		ug/L		99	1 - 112
Di-n-butyl phthalate	100	105		ug/L		105	1 - 118

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

Lab Sample ID: LCS 480-6061/2-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: LCS 480-6061/2-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	117		ug/L		117	4 - 146
Fluoranthene	100	105		ug/L		105	26 - 137
Fluorene	100	104		ug/L		104	59 - 121
Hexachlorobenzene	100	98.0		ug/L		98	1 - 152
Hexachlorocyclopentadiene	100	75.6		ug/L		76	5 - 120
Hexachloroethane	100	65.9		ug/L		66	40 - 113
Indeno[1,2,3-cd]pyrene	100	110		ug/L		110	1 - 171
Isophorone	100	93.1		ug/L		93	21 - 196
Naphthalene	100	78.9		ug/L		79	21 - 133
Nitrobenzene	100	85.4		ug/L		85	35 - 180
N-Nitrosodi-n-propylamine	100	90.2		ug/L		90	1 - 230
N-Nitrosodiphenylamine	100	107		ug/L		107	54 - 125
Pentachlorophenol	100	95.8		ug/L		96	14 - 176
Phenanthrene	100	104		ug/L		104	54 - 120
Phenol	100	37.5		ug/L		38	5 - 112
Pyrene	100	104		ug/L		104	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*107*		*52 - 151*
2-Fluorobiphenyl	*90*		*44 - 120*
2-Fluorophenol	*47*		*17 - 120*
Nitrobenzene-d5	*85*		*42 - 120*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*89*		*22 - 125*

Lab Sample ID: LCSD 480-6061/3-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: LCSD 480-6061/3-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	78.9		ug/L		79	44 - 142	8	34
1,2-Dichlorobenzene	100	70.9		ug/L		71	32 - 129	8	38
1,3-Dichlorobenzene	100	69.0		ug/L		69	1 - 172	8	37
1,4-Dichlorobenzene	100	72.9		ug/L		73	20 - 124	12	40
2,2'-Oxybis(1-chloropropane)	100	89.5		ug/L		89	36 - 166	10	36
2,4,6-Trichlorophenol	100	101		ug/L		101	37 - 144	7	20
2,4-Dichlorophenol	100	94.1		ug/L		94	39 - 135	8	23
2,4-Dimethylphenol	100	88.4		ug/L		88	32 - 119	7	18
2,4-Dinitrophenol	100	95.6		ug/L		96	1 - 191	15	29
2,4-Dinitrotoluene	100	110		ug/L		110	39 - 139	5	20
2,6-Dinitrotoluene	100	112		ug/L		112	50 - 158	2	17
2-Chloronaphthalene	100	90.4		ug/L		90	60 - 118	4	30
2-Chlorophenol	100	84.2		ug/L		84	23 - 134	15	26
2-Nitrophenol	100	99.6		ug/L		100	29 - 182	10	28
3,3'-Dichlorobenzidine	100	87.4		ug/L		87	1 - 262	8	31
4,6-Dinitro-2-methylphenol	100	125		ug/L		125	1 - 181	7	30
4-Bromophenyl phenyl ether	100	101		ug/L		101	53 - 127	4	16
4-Chloro-3-methylphenol	100	98.9		ug/L		99	22 - 147	6	16
4-Chlorophenyl phenyl ether	100	102		ug/L		102	25 - 158	1	15

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

Lab Sample ID: LCSD 480-6061/3-A
Matrix: Water
Analysis Batch: 6309

Client Sample ID: LCSD 480-6061/3-A
Prep Type: Total/NA
Prep Batch: 6061

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	53.5		ug/L		53	1 - 132	3	24
Acenaphthene			100	100		ug/L		100	47 - 145	3	25
Acenaphthylene			100	105		ug/L		105	33 - 145	4	22
Anthracene			100	108		ug/L		108	27 - 133	5	15
Benzo[a]anthracene			100	108		ug/L		108	33 - 143	4	15
Benzo[a]pyrene			100	113		ug/L		113	17 - 163	5	15
Benzo[b]fluoranthene			100	107		ug/L		107	24 - 159	6	17
Benzo[g,h,i]perylene			100	111		ug/L		111	1 - 219	4	19
Benzo[k]fluoranthene			100	104		ug/L		104	11 - 162	0	19
Bis(2-chloroethoxy)methane			100	96.6		ug/L		97	33 - 184	11	23
Bis(2-chloroethyl)ether			100	89.0		ug/L		89	12 - 158	15	33
Bis(2-ethylhexyl) phthalate			100	116		ug/L		116	8 - 158	5	15
Butyl benzyl phthalate			100	109		ug/L		109	1 - 152	2	15
Chrysene			100	113		ug/L		113	17 - 168	3	15
Dibenz(a,h)anthracene			100	113		ug/L		113	1 - 227	4	18
Diethyl phthalate			100	110		ug/L		110	1 - 114	5	15
Dimethyl phthalate			100	103		ug/L		103	1 - 112	3	15
Di-n-butyl phthalate			100	109		ug/L		109	1 - 118	5	15
Di-n-octyl phthalate			100	120		ug/L		120	4 - 146	2	15
Fluoranthene			100	106		ug/L		106	26 - 137	1	15
Fluorene			100	106		ug/L		106	59 - 121	2	18
Hexachlorobenzene			100	101		ug/L		101	1 - 152	3	15
Hexachlorocyclopentadiene			100	79.5		ug/L		80	5 - 120	5	50
Hexachloroethane			100	69.9		ug/L		70	40 - 113	6	43
Indeno[1,2,3-cd]pyrene			100	112		ug/L		112	1 - 171	2	17
Isophorone			100	99.5		ug/L		100	21 - 196	7	21
Naphthalene			100	83.4		ug/L		83	21 - 133	5	31
Nitrobenzene			100	92.4		ug/L		92	35 - 180	8	27
N-Nitrosodi-n-propylamine			100	101		ug/L		101	1 - 230	12	23
N-Nitrosodiphenylamine			100	109		ug/L		109	54 - 125	2	15
Pentachlorophenol			100	105		ug/L		105	14 - 176	9	21
Phenanthrene			100	108		ug/L		108	54 - 120	4	16
Phenol			100	44.2		ug/L		44	5 - 112	16	36
Pyrene			100	110		ug/L		110	52 - 115	6	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*111*		*52 - 151*
2-Fluorobiphenyl	*93*		*44 - 120*
2-Fluorophenol	*52*		*17 - 120*
Nitrobenzene-d5	*92*		*42 - 120*
Phenol-d5	*40*		*10 - 120*
p-Terphenyl-d14	*95*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-5983/1-A
Matrix: Water
Analysis Batch: 6209

Client Sample ID: MB 480-5983/1-A
Prep Type: Total/NA
Prep Batch: 5983

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		02/22/11 07:45	02/22/11 18:10	1

Lab Sample ID: LCS 480-5983/2-A
Matrix: Water
Analysis Batch: 6209

Client Sample ID: LCS 480-5983/2-A
Prep Type: Total/NA
Prep Batch: 5983

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.198		mg/L		99	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-6055/1-A
Matrix: Water
Analysis Batch: 6112

Client Sample ID: MB 480-6055/1-A
Prep Type: Total/NA
Prep Batch: 6055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/22/11 09:30	02/22/11 12:22	1

Lab Sample ID: LCS 480-6055/2-A
Matrix: Water
Analysis Batch: 6112

Client Sample ID: LCS 480-6055/2-A
Prep Type: Total/NA
Prep Batch: 6055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00660		mg/L		99	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-6672/2-A
Matrix: Water
Analysis Batch: 6677

Client Sample ID: MB 480-6672/2-A
Prep Type: Total/NA
Prep Batch: 6672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		02/28/11 11:32	02/28/11 11:55	1

Lab Sample ID: LCS 480-6672/1-A
Matrix: Water
Analysis Batch: 6677

Client Sample ID: LCS 480-6672/1-A
Prep Type: Total/NA
Prep Batch: 6672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.243		mg/L		97	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-6138/1
Matrix: Water
Analysis Batch: 6138

Client Sample ID: LCS 480-6138/1
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
pH	7.00	7.000		SU		100	99 - 101

GC/MS VOA

Analysis Batch: 5912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-1758-1	001	Total/NA	Water	624	
LCS 480-5912/4	LCS 480-5912/4	Total/NA	Water	624	
MB 480-5912/5	MB 480-5912/5	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 6061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-6061/1-A	MB 480-6061/1-A	Total/NA	Water	625	
LCS 480-6061/2-A	LCS 480-6061/2-A	Total/NA	Water	625	
LCSD 480-6061/3-A	LCSD 480-6061/3-A	Total/NA	Water	625	
480-1758-1	001	Total/NA	Water	625	

Analysis Batch: 6309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-6061/1-A	MB 480-6061/1-A	Total/NA	Water	625	6061
LCS 480-6061/2-A	LCS 480-6061/2-A	Total/NA	Water	625	6061
LCSD 480-6061/3-A	LCSD 480-6061/3-A	Total/NA	Water	625	6061
480-1758-1	001	Total/NA	Water	625	6061

Metals

Prep Batch: 5983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-5983/1-A	MB 480-5983/1-A	Total/NA	Water	200.7	
480-1758-1	001	Total/NA	Water	200.7	
LCS 480-5983/2-A	LCS 480-5983/2-A	Total/NA	Water	200.7	

Prep Batch: 6055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-6055/1-A	MB 480-6055/1-A	Total/NA	Water	245.1	
LCS 480-6055/2-A	LCS 480-6055/2-A	Total/NA	Water	245.1	
480-1758-1	001	Total/NA	Water	245.1	

Analysis Batch: 6112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-1758-1	001	Total/NA	Water	245.1	6055
MB 480-6055/1-A	MB 480-6055/1-A	Total/NA	Water	245.1	6055
LCS 480-6055/2-A	LCS 480-6055/2-A	Total/NA	Water	245.1	6055

Analysis Batch: 6209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-5983/1-A	MB 480-5983/1-A	Total/NA	Water	200.7 Rev 4.4	5983
LCS 480-5983/2-A	LCS 480-5983/2-A	Total/NA	Water	200.7 Rev 4.4	5983
480-1758-1	001	Total/NA	Water	200.7 Rev 4.4	5983

General Chemistry

Analysis Batch: 6138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-6138/1	LCS 480-6138/1	Total/NA	Water	SM 4500 H+ B	
480-1758-1	001	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Prep Batch: 6145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-1758-1	001	Total/NA	Water	Distill/CN	

Analysis Batch: 6350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-1758-1	001	Total/NA	Water	335.4	6145

Prep Batch: 6672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-6672/1-A	LCS 480-6672/1-A	Total/NA	Water	Distill/CN	
MB 480-6672/2-A	MB 480-6672/2-A	Total/NA	Water	Distill/CN	

Analysis Batch: 6677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-6672/2-A	MB 480-6672/2-A	Total/NA	Water	335.4	6672
LCS 480-6672/1-A	LCS 480-6672/1-A	Total/NA	Water	335.4	6672

Lab Chronicle

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

TestAmerica Job ID: 480-1758-1

Client Sample ID: 001
Date Collected: 02/16/11 14:00
Date Received: 02/17/11 13:00

Lab Sample ID: 480-1758-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	5912	02/18/11 15:15	TRB	TestAmerica Buffalo
Total/NA	Prep	625			6061	02/22/11 08:49	KV	TestAmerica Buffalo
Total/NA	Analysis	625		1	6309	02/24/11 19:29	MF	TestAmerica Buffalo
Total/NA	Prep	245.1			6055	02/22/11 09:30	JRK	TestAmerica Buffalo
Total/NA	Analysis	245.1		1	6112	02/22/11 13:10	JRK	TestAmerica Buffalo
Total/NA	Prep	200.7			5983	02/22/11 07:45	MM	TestAmerica Buffalo
Total/NA	Analysis	200.7 Rev 4.4		1	6209	02/22/11 18:47	AH	TestAmerica Buffalo
Total/NA	Analysis	SM 4500 H+ B		1	6138	02/18/11 23:06	JR	TestAmerica Buffalo
Total/NA	Prep	Distill/CN			6145	02/22/11 18:36	ML	TestAmerica Buffalo
Total/NA	Analysis	335.4		1	6350	02/24/11 11:14	JE	TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-1758-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica Buffalo		USDA		P330-08-00242	11/25/11
TestAmerica Buffalo	Arkansas	State Program	6	88-0686	07/06/11
TestAmerica Buffalo	California	NELAC	9	1169CA	09/30/11
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568	09/30/12
TestAmerica Buffalo	Florida	NELAC	4	E87672	06/30/11
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A	03/31/11
TestAmerica Buffalo	Georgia	State Program	4	956	04/01/10
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003	09/30/11
TestAmerica Buffalo	Iowa	State Program	7	374	03/01/11
TestAmerica Buffalo	Kansas	NELAC	7	E-10187	01/31/12
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30	04/12/12
TestAmerica Buffalo	Kentucky	State Program	4	90029	12/31/11
TestAmerica Buffalo	Louisiana	NELAC	6	02031	06/30/11
TestAmerica Buffalo	Maine	State Program	1	NY0044	12/04/12
TestAmerica Buffalo	Maryland	State Program	3	294	03/31/11
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044	06/30/11
TestAmerica Buffalo	Michigan	State Program	5	9937	04/01/11
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337	12/31/11
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281	11/17/11
TestAmerica Buffalo	New Hampshire	NELAC	1	2337	09/11/11
TestAmerica Buffalo	New Jersey	NELAC	2	NY455	06/30/11
TestAmerica Buffalo	New York	NELAC	2	10026	04/01/11
TestAmerica Buffalo	North Dakota	State Program	8	R-176	03/31/11
TestAmerica Buffalo	Oklahoma	State Program	6	9421	09/30/11
TestAmerica Buffalo	Oregon	NELAC	10	NY200003	06/10/11
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281	07/31/11
TestAmerica Buffalo	Tennessee	State Program	4	TN02970	03/31/11
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX	07/31/11
TestAmerica Buffalo	Virginia	State Program	3	278	06/30/11
TestAmerica Buffalo	Washington	State Program	10	C1677	02/10/12
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252	09/30/11
TestAmerica Buffalo	Wisconsin	State Program	5	998310390	08/31/11

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.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

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

TestAmerica Job ID: 480-1758-1

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: 480-1758-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-1758-1	001	Water	02/16/11 14:00	02/17/11 13:00

TestAmerica

Chain of Custody Record

Client Information	Sampler: Brent Miller	Lab PM: Denise Giglia	Carrier Tracking No(s):	COC No.: 01072011 14:28_1
Client Contact: Andrew Janik	Phone: 484 645 2301	E-Mail: denise.giglia@testamericainc.com		Page: 1
Company: Groundwater & Env Svcs Inc - Cheektowaga, NY				Job #:
Address: 158 Sonwil Drive	Due Date Requested:			
City: Cheektowaga	TAT Requested (Business Days): 10			
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email: ajanik@gesonline.com	WO #: RUB0029			
Project Name: BRISTOL-MYERS MONTHLY - NY5A9483AE04522	Project #: BRISTOL-MYERS MONTHLY			
Site: GES - Bristol Myers - NY5A9483	SSOW#:			

Preservation Codes: A=HCL, B=NaOH, C=Zn Acetate, D=Nitric Acid, I=Ice, N=None, S=H2SO4, V=MCAA, Z=Z

Container Codes: A=Amber, G=Glass, P=Poly/Plastic, S=Summa, T=Tedlar, V=Vial

Parameter(s) Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	T-Metals::T-Mercury	pH	CN	SVOA	624 VOAS	Total Number of containers	Special Instructions/Note:
			Preserv-Cont Code:				D-A	I-A	B-A	I-A	A-V		
001	2-16-11	0800	G	W			4	3	4	4	8	23	
001	2-16-11	1000											
001	2-16-11	1200											
001	2-16-11	1400											

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	2-16-11 / 1430	GES	[signature]	02-17-11 12:40	BFLO
[signature]	02-17-11 13:00	BFLO	[signature]	2/17/11 1300	BFLO

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: 480-1758-1

Login Number: 1758
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: 480-2527-1
Client Project/Site: Bristol Myers Squibb Monthly

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

Attn: Andrew Janik

Melissa Deyo

Authorized for release by:
03/29/2011 03:51:53 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

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

Table of Contents

Qualifier Definition/Glossary

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

TestAmerica Job ID: 480-2527-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or 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.

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: 480-2527-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-2527-1

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

GC/MS VOA
Method 624: The following sample was composited by the laboratory on 3/17/11 as requested on the chain-of-custody (COC): 001 (480-2527-1).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The laboratory control sample (LCS) for preparation batch 8716 recovered Hexachloroethane below control limits. The following sample was re-extracted outside of preparation holding time: 001 (480-2527-1). All associated batch quality control samples were within acceptance limits. The re-prepared sample results confirm the original sample results. Both sets of data are being 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 (480-2527-1)

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: 480-2527-1

Client Sample ID: 001

Lab Sample ID: 480-2527-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0020	J	0.010	0.0017	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Total	0.20		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.81	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: 001
Date Collected: 03/11/11 08:00
Date Received: 03/14/11 12:00

Lab Sample ID: 480-2527-1
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			03/17/11 15:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/17/11 15:59	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/17/11 15:59	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/17/11 15:59	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/17/11 15:59	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/17/11 15:59	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/17/11 15:59	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/17/11 15:59	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/17/11 15:59	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/17/11 15:59	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/17/11 15:59	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/17/11 15:59	1
Acrolein	ND		100	17	ug/L			03/17/11 15:59	1
Acrylonitrile	ND		25	1.9	ug/L			03/17/11 15:59	1
Benzene	ND		5.0	0.60	ug/L			03/17/11 15:59	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/17/11 15:59	1
Bromoform	ND		5.0	0.47	ug/L			03/17/11 15:59	1
Bromomethane	ND		5.0	1.2	ug/L			03/17/11 15:59	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/17/11 15:59	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/17/11 15:59	1
Chloroethane	ND		5.0	0.87	ug/L			03/17/11 15:59	1
Chloroform	ND		5.0	0.54	ug/L			03/17/11 15:59	1
Chloromethane	ND		5.0	0.64	ug/L			03/17/11 15:59	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/17/11 15:59	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/17/11 15:59	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			03/17/11 15:59	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/17/11 15:59	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/17/11 15:59	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/17/11 15:59	1
Toluene	ND		5.0	0.45	ug/L			03/17/11 15:59	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/17/11 15:59	1
Trichloroethene	ND		5.0	0.60	ug/L			03/17/11 15:59	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/17/11 15:59	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/17/11 15:59	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*03/17/11 15:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*03/17/11 15:59*	*1*
Toluene-d8 (Surr)	*97*		*70 - 123*		*03/17/11 15:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		03/17/11 17:27	03/18/11 18:43	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		03/17/11 17:27	03/18/11 18:43	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		03/17/11 17:27	03/18/11 18:43	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		03/17/11 17:27	03/18/11 18:43	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		03/17/11 17:27	03/18/11 18:43	1

Client Sample ID: 001
Date Collected: 03/11/11 08:00
Date Received: 03/14/11 12:00

Lab Sample ID: 480-2527-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		03/17/11 17:27	03/18/11 18:43	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		03/17/11 17:27	03/18/11 18:43	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		03/17/11 17:27	03/18/11 18:43	1
2-Chlorophenol	ND		4.7	0.15	ug/L		03/17/11 17:27	03/18/11 18:43	1
2-Nitrophenol	ND		4.7	0.14	ug/L		03/17/11 17:27	03/18/11 18:43	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		03/17/11 17:27	03/18/11 18:43	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		03/17/11 17:27	03/18/11 18:43	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		03/17/11 17:27	03/18/11 18:43	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		03/17/11 17:27	03/18/11 18:43	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		03/17/11 17:27	03/18/11 18:43	1
4-Nitrophenol	ND		9.4	1.3	ug/L		03/17/11 17:27	03/18/11 18:43	1
Acenaphthene	ND		4.7	0.057	ug/L		03/17/11 17:27	03/18/11 18:43	1
Acenaphthylene	ND		4.7	0.032	ug/L		03/17/11 17:27	03/18/11 18:43	1
Anthracene	ND		4.7	0.050	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzidine	ND		75	2.4	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzo[a]anthracene	ND		4.7	0.041	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzo[a]pyrene	ND		4.7	0.055	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzo[b]fluoranthene	ND		4.7	0.058	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		03/17/11 17:27	03/18/11 18:43	1
Benzo[k]fluoranthene	ND		4.7	0.039	ug/L		03/17/11 17:27	03/18/11 18:43	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		03/17/11 17:27	03/18/11 18:43	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		03/17/11 17:27	03/18/11 18:43	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		03/17/11 17:27	03/18/11 18:43	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		03/17/11 17:27	03/18/11 18:43	1
Chrysene	ND		4.7	0.034	ug/L		03/17/11 17:27	03/18/11 18:43	1
Decane	ND		9.4	1.5	ug/L		03/17/11 17:27	03/18/11 18:43	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		03/17/11 17:27	03/18/11 18:43	1
Diethyl phthalate	ND		4.7	0.16	ug/L		03/17/11 17:27	03/18/11 18:43	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		03/17/11 17:27	03/18/11 18:43	1
Di-n-butyl phthalate	ND		4.7	0.88	ug/L		03/17/11 17:27	03/18/11 18:43	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		03/17/11 17:27	03/18/11 18:43	1
Fluoranthene	ND		4.7	0.10	ug/L		03/17/11 17:27	03/18/11 18:43	1
Fluorene	ND		4.7	0.040	ug/L		03/17/11 17:27	03/18/11 18:43	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		03/17/11 17:27	03/18/11 18:43	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		03/17/11 17:27	03/18/11 18:43	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		03/17/11 17:27	03/18/11 18:43	1
Hexachloroethane	ND	*	4.7	0.45	ug/L		03/17/11 17:27	03/18/11 18:43	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		03/17/11 17:27	03/18/11 18:43	1
Isophorone	ND		4.7	0.15	ug/L		03/17/11 17:27	03/18/11 18:43	1
Naphthalene	ND		4.7	0.076	ug/L		03/17/11 17:27	03/18/11 18:43	1
Nitrobenzene	ND		4.7	0.10	ug/L		03/17/11 17:27	03/18/11 18:43	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		03/17/11 17:27	03/18/11 18:43	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		03/17/11 17:27	03/18/11 18:43	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		03/17/11 17:27	03/18/11 18:43	1
n-Octadecane	ND		9.4	0.66	ug/L		03/17/11 17:27	03/18/11 18:43	1
Pentachlorophenol	ND		9.4	0.39	ug/L		03/17/11 17:27	03/18/11 18:43	1
Phenanthrene	ND		4.7	0.067	ug/L		03/17/11 17:27	03/18/11 18:43	1
Phenol	ND		4.7	0.11	ug/L		03/17/11 17:27	03/18/11 18:43	1
Pyrene	ND		4.7	0.039	ug/L		03/17/11 17:27	03/18/11 18:43	1

Client Sample ID: 001
Date Collected: 03/11/11 08:00
Date Received: 03/14/11 12:00

Lab Sample ID: 480-2527-1
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 151	03/17/11 17:27	03/18/11 18:43	1
2-Fluorobiphenyl	71		44 - 120	03/17/11 17:27	03/18/11 18:43	1
2-Fluorophenol	36		17 - 120	03/17/11 17:27	03/18/11 18:43	1
Nitrobenzene-d5	74		42 - 120	03/17/11 17:27	03/18/11 18:43	1
Phenol-d5	27		10 - 120	03/17/11 17:27	03/18/11 18:43	1
p-Terphenyl-d14	106		22 - 125	03/17/11 17:27	03/18/11 18:43	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	14	0.70	ug/L		03/23/11 17:24	03/24/11 13:38	1
1,2-Dichlorobenzene	ND	H	14	0.21	ug/L		03/23/11 17:24	03/24/11 13:38	1
1,2-Diphenylhydrazine	ND	H	14	0.090	ug/L		03/23/11 17:24	03/24/11 13:38	1
1,3-Dichlorobenzene	ND	H	14	0.098	ug/L		03/23/11 17:24	03/24/11 13:38	1
1,4-Dichlorobenzene	ND	H	14	0.13	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,2'-Oxybis(1-chloropropane)	ND	H	7.1	0.12	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,4,6-Trichlorophenol	ND	H	7.1	0.33	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,4-Dichlorophenol	ND	H	7.1	0.43	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,4-Dimethylphenol	ND	H	7.1	0.19	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,4-Dinitrophenol	ND	H	14	1.2	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,4-Dinitrotoluene	ND	H	7.1	0.38	ug/L		03/23/11 17:24	03/24/11 13:38	1
2,6-Dinitrotoluene	ND	H	7.1	1.0	ug/L		03/23/11 17:24	03/24/11 13:38	1
2-Chloronaphthalene	ND	H	7.1	0.097	ug/L		03/23/11 17:24	03/24/11 13:38	1
2-Chlorophenol	ND	H	7.1	0.22	ug/L		03/23/11 17:24	03/24/11 13:38	1
2-Nitrophenol	ND	H	7.1	0.21	ug/L		03/23/11 17:24	03/24/11 13:38	1
3,3'-Dichlorobenzidine	ND	H	7.1	1.2	ug/L		03/23/11 17:24	03/24/11 13:38	1
4,6-Dinitro-2-methylphenol	ND	H	14	1.1	ug/L		03/23/11 17:24	03/24/11 13:38	1
4-Bromophenyl phenyl ether	ND	H	7.1	0.16	ug/L		03/23/11 17:24	03/24/11 13:38	1
4-Chloro-3-methylphenol	ND	H	7.1	0.79	ug/L		03/23/11 17:24	03/24/11 13:38	1
4-Chlorophenyl phenyl ether	ND	H	7.1	0.30	ug/L		03/23/11 17:24	03/24/11 13:38	1
4-Nitrophenol	ND	H	14	1.9	ug/L		03/23/11 17:24	03/24/11 13:38	1
Acenaphthene	ND	H	7.1	0.086	ug/L		03/23/11 17:24	03/24/11 13:38	1
Acenaphthylene	ND	H	7.1	0.048	ug/L		03/23/11 17:24	03/24/11 13:38	1
Anthracene	ND	H	7.1	0.075	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzidine	ND	H	110	3.6	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzo[a]anthracene	ND	H	7.1	0.062	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzo[a]pyrene	ND	H	7.1	0.083	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzo[b]fluoranthene	ND	H	7.1	0.088	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzo[g,h,i]perylene	ND	H	7.1	0.14	ug/L		03/23/11 17:24	03/24/11 13:38	1
Benzo[k]fluoranthene	ND	H	7.1	0.060	ug/L		03/23/11 17:24	03/24/11 13:38	1
Bis(2-chloroethoxy)methane	ND	H	7.1	0.12	ug/L		03/23/11 17:24	03/24/11 13:38	1
Bis(2-chloroethyl)ether	ND	H	7.1	1.6	ug/L		03/23/11 17:24	03/24/11 13:38	1
Bis(2-ethylhexyl) phthalate	ND	H	14	1.2	ug/L		03/23/11 17:24	03/24/11 13:38	1
Butyl benzyl phthalate	ND	H	7.1	1.9	ug/L		03/23/11 17:24	03/24/11 13:38	1
Chrysene	ND	H	7.1	0.051	ug/L		03/23/11 17:24	03/24/11 13:38	1
Decane	ND	H	14	2.3	ug/L		03/23/11 17:24	03/24/11 13:38	1
Dibenz(a,h)anthracene	ND	H	7.1	0.079	ug/L		03/23/11 17:24	03/24/11 13:38	1
Diethyl phthalate	ND	H	7.1	0.25	ug/L		03/23/11 17:24	03/24/11 13:38	1
Dimethyl phthalate	ND	H	7.1	0.24	ug/L		03/23/11 17:24	03/24/11 13:38	1
Di-n-butyl phthalate	ND	H	7.1	1.3	ug/L		03/23/11 17:24	03/24/11 13:38	1
Di-n-octyl phthalate	ND	H	7.1	6.4	ug/L		03/23/11 17:24	03/24/11 13:38	1
Fluoranthene	ND	H	7.1	0.16	ug/L		03/23/11 17:24	03/24/11 13:38	1

Client Sample ID: 001
Date Collected: 03/11/11 08:00
Date Received: 03/14/11 12:00

Lab Sample ID: 480-2527-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND	H	7.1	0.061	ug/L		03/23/11 17:24	03/24/11 13:38	1
Hexachlorobenzene	ND	H	7.1	0.39	ug/L		03/23/11 17:24	03/24/11 13:38	1
Hexachlorobutadiene	ND	H	7.1	0.88	ug/L		03/23/11 17:24	03/24/11 13:38	1
Hexachlorocyclopentadiene	ND	H	7.1	0.65	ug/L		03/23/11 17:24	03/24/11 13:38	1
Hexachloroethane	ND	H	7.1	0.69	ug/L		03/23/11 17:24	03/24/11 13:38	1
Indeno[1,2,3-cd]pyrene	ND	H	7.1	0.27	ug/L		03/23/11 17:24	03/24/11 13:38	1
Isophorone	ND	H	7.1	0.22	ug/L		03/23/11 17:24	03/24/11 13:38	1
Naphthalene	ND	H	7.1	0.11	ug/L		03/23/11 17:24	03/24/11 13:38	1
Nitrobenzene	ND	H	7.1	0.16	ug/L		03/23/11 17:24	03/24/11 13:38	1
N-Nitrosodimethylamine	ND	H	14	1.4	ug/L		03/23/11 17:24	03/24/11 13:38	1
N-Nitrosodi-n-propylamine	ND	H	7.1	0.33	ug/L		03/23/11 17:24	03/24/11 13:38	1
N-Nitrosodiphenylamine	ND	H	7.1	0.57	ug/L		03/23/11 17:24	03/24/11 13:38	1
n-Octadecane	ND	H	14	1.0	ug/L		03/23/11 17:24	03/24/11 13:38	1
Pentachlorophenol	ND	H	14	0.59	ug/L		03/23/11 17:24	03/24/11 13:38	1
Phenanthrene	ND	H	7.1	0.10	ug/L		03/23/11 17:24	03/24/11 13:38	1
Phenol	ND	H	7.1	0.17	ug/L		03/23/11 17:24	03/24/11 13:38	1
Pyrene	ND	H	7.1	0.058	ug/L		03/23/11 17:24	03/24/11 13:38	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*122*		*52 - 151*	*03/23/11 17:24*	*03/24/11 13:38*	*1*
2-Fluorobiphenyl	*65*		*44 - 120*	*03/23/11 17:24*	*03/24/11 13:38*	*1*
2-Fluorophenol	*44*		*17 - 120*	*03/23/11 17:24*	*03/24/11 13:38*	*1*
Nitrobenzene-d5	*67*		*42 - 120*	*03/23/11 17:24*	*03/24/11 13:38*	*1*
Phenol-d5	*38*		*10 - 120*	*03/23/11 17:24*	*03/24/11 13:38*	*1*
p-Terphenyl-d14	*101*		*22 - 125*	*03/23/11 17:24*	*03/24/11 13:38*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0020**	**J**	0.010	0.0017	mg/L		03/15/11 10:40	03/15/11 18:38	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/15/11 07:45	03/15/11 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.20**		0.010	0.0050	mg/L		03/24/11 17:33	03/26/11 13:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.81**	**HF**	0.100	0.100	SU			03/14/11 20:59	1

Surrogate Summary

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

TestAmerica Job ID: 480-2527-1

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)							
480-2527-1	001	109	99	97							
LCS 480-8670/3	LCS 480-8670/3	100	97	98							
MB 480-8670/4	MB 480-8670/4	108	100	94							

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)		
480-2527-1	001	109	71	36	74	27	106		
480-2527-1 - RE	001	122	65	44	67	38	101		
LCS 480-8716/2-A	LCS 480-8716/2-A	100	67	38	75	30	97		
LCS 480-9349/2-A	LCS 480-9349/2-A	115	66	39	73	30	91		
LCSD 480-9349/3-A	LCSD 480-9349/3-A	121	72	45	78	34	95		
MB 480-8716/1-A	MB 480-8716/1-A	88	48	27	52	21	97		
MB 480-9349/1-A	MB 480-9349/1-A	106	57	32	55	24	96		

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 480-8670/4
Matrix: Water
Analysis Batch: 8670

Client Sample ID: MB 480-8670/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/17/11 15:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/17/11 15:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/17/11 15:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/17/11 15:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/17/11 15:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/17/11 15:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/17/11 15:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/17/11 15:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/17/11 15:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/17/11 15:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/17/11 15:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/17/11 15:27	1
Acrolein	ND		100	17	ug/L			03/17/11 15:27	1
Acrylonitrile	ND		25	1.9	ug/L			03/17/11 15:27	1
Benzene	ND		5.0	0.60	ug/L			03/17/11 15:27	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/17/11 15:27	1
Bromoform	ND		5.0	0.47	ug/L			03/17/11 15:27	1
Bromomethane	ND		5.0	1.2	ug/L			03/17/11 15:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/17/11 15:27	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/17/11 15:27	1
Chloroethane	ND		5.0	0.87	ug/L			03/17/11 15:27	1
Chloroform	ND		5.0	0.54	ug/L			03/17/11 15:27	1
Chloromethane	ND		5.0	0.64	ug/L			03/17/11 15:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/17/11 15:27	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/17/11 15:27	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			03/17/11 15:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/17/11 15:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/17/11 15:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/17/11 15:27	1
Toluene	ND		5.0	0.45	ug/L			03/17/11 15:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/17/11 15:27	1
Trichloroethene	ND		5.0	0.60	ug/L			03/17/11 15:27	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/17/11 15:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/17/11 15:27	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*		*03/17/11 15:27*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*03/17/11 15:27*	*1*
Toluene-d8 (Surr)	*94*		*70 - 123*		*03/17/11 15:27*	*1*

Lab Sample ID: LCS 480-8670/3
Matrix: Water
Analysis Batch: 8670

Client Sample ID: LCS 480-8670/3
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	21.0		ug/L		105	61 - 140
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	71 - 129
1,1-Dichloroethane	20.0	18.6		ug/L		93	73 - 128

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

Lab Sample ID: LCS 480-8670/3
Matrix: Water
Analysis Batch: 8670

Client Sample ID: LCS 480-8670/3
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethene	20.0	16.5		ug/L		82	51 - 150
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	63 - 137
1,2-Dichloroethane	20.0	19.6		ug/L		98	68 - 132
1,2-Dichloropropane	20.0	19.2		ug/L		96	34 - 166
1,3-Dichlorobenzene	20.0	20.3		ug/L		101	73 - 127
1,4-Dichlorobenzene	20.0	20.1		ug/L		101	63 - 137
2-Chloroethyl vinyl ether	100	115		ug/L		115	1 - 224
Benzene	20.0	19.3		ug/L		96	64 - 136
Bromodichloromethane	20.0	18.8		ug/L		94	66 - 135
Bromoform	20.0	17.5		ug/L		88	71 - 129
Bromomethane	20.0	16.7		ug/L		84	14 - 186
Carbon tetrachloride	20.0	17.2		ug/L		86	73 - 127
Chlorobenzene	20.0	19.8		ug/L		99	66 - 134
Chloroethane	20.0	20.6		ug/L		103	38 - 162
Chloroform	20.0	18.6		ug/L		93	68 - 133
Chloromethane	20.0	20.8		ug/L		104	1 - 204
cis-1,3-Dichloropropene	20.0	19.3		ug/L		97	24 - 176
Dibromochloromethane	20.0	18.2		ug/L		91	68 - 133
Ethylbenzene	20.0	20.3		ug/L		102	59 - 141
Methylene Chloride	20.0	19.1		ug/L		96	61 - 140
Tetrachloroethene	20.0	19.0		ug/L		95	74 - 127
Toluene	20.0	19.6		ug/L		98	75 - 126
trans-1,3-Dichloropropene	20.0	18.3		ug/L		91	50 - 150
Trichloroethene	20.0	19.0		ug/L		95	67 - 134
Trichlorofluoromethane	20.0	20.3		ug/L		101	48 - 152
Vinyl chloride	20.0	21.3		ug/L		107	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*
Toluene-d8 (Surr)	*98*		*70 - 123*

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

Lab Sample ID: MB 480-8716/1-A
Matrix: Water
Analysis Batch: 8765

Client Sample ID: MB 480-8716/1-A
Prep Type: Total/NA
Prep Batch: 8716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		03/17/11 17:27	03/18/11 17:33	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		03/17/11 17:27	03/18/11 17:33	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		03/17/11 17:27	03/18/11 17:33	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		03/17/11 17:27	03/18/11 17:33	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		03/17/11 17:27	03/18/11 17:33	1

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

Lab Sample ID: MB 480-8716/1-A
Matrix: Water
Analysis Batch: 8765

Client Sample ID: MB 480-8716/1-A
Prep Type: Total/NA
Prep Batch: 8716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		03/17/11 17:27	03/18/11 17:33	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		03/17/11 17:27	03/18/11 17:33	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		03/17/11 17:27	03/18/11 17:33	1
2-Chlorophenol	ND		5.0	0.16	ug/L		03/17/11 17:27	03/18/11 17:33	1
2-Nitrophenol	ND		5.0	0.14	ug/L		03/17/11 17:27	03/18/11 17:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		03/17/11 17:27	03/18/11 17:33	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		03/17/11 17:27	03/18/11 17:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		03/17/11 17:27	03/18/11 17:33	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		03/17/11 17:27	03/18/11 17:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		03/17/11 17:27	03/18/11 17:33	1
4-Nitrophenol	ND		10	1.3	ug/L		03/17/11 17:27	03/18/11 17:33	1
Acenaphthene	ND		5.0	0.060	ug/L		03/17/11 17:27	03/18/11 17:33	1
Acenaphthylene	ND		5.0	0.034	ug/L		03/17/11 17:27	03/18/11 17:33	1
Anthracene	ND		5.0	0.052	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzidine	ND		80	2.5	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		03/17/11 17:27	03/18/11 17:33	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		03/17/11 17:27	03/18/11 17:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		03/17/11 17:27	03/18/11 17:33	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		03/17/11 17:27	03/18/11 17:33	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		03/17/11 17:27	03/18/11 17:33	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		03/17/11 17:27	03/18/11 17:33	1
Chrysene	ND		5.0	0.036	ug/L		03/17/11 17:27	03/18/11 17:33	1
Decane	ND		10	1.6	ug/L		03/17/11 17:27	03/18/11 17:33	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		03/17/11 17:27	03/18/11 17:33	1
Diethyl phthalate	ND		5.0	0.17	ug/L		03/17/11 17:27	03/18/11 17:33	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		03/17/11 17:27	03/18/11 17:33	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		03/17/11 17:27	03/18/11 17:33	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		03/17/11 17:27	03/18/11 17:33	1
Fluoranthene	ND		5.0	0.11	ug/L		03/17/11 17:27	03/18/11 17:33	1
Fluorene	ND		5.0	0.043	ug/L		03/17/11 17:27	03/18/11 17:33	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		03/17/11 17:27	03/18/11 17:33	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		03/17/11 17:27	03/18/11 17:33	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		03/17/11 17:27	03/18/11 17:33	1
Hexachloroethane	ND		5.0	0.48	ug/L		03/17/11 17:27	03/18/11 17:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		03/17/11 17:27	03/18/11 17:33	1
Isophorone	ND		5.0	0.16	ug/L		03/17/11 17:27	03/18/11 17:33	1
Naphthalene	ND		5.0	0.080	ug/L		03/17/11 17:27	03/18/11 17:33	1
Nitrobenzene	ND		5.0	0.11	ug/L		03/17/11 17:27	03/18/11 17:33	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		03/17/11 17:27	03/18/11 17:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		03/17/11 17:27	03/18/11 17:33	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		03/17/11 17:27	03/18/11 17:33	1
n-Octadecane	ND		10	0.70	ug/L		03/17/11 17:27	03/18/11 17:33	1
Pentachlorophenol	ND		10	0.41	ug/L		03/17/11 17:27	03/18/11 17:33	1
Phenanthrene	ND		5.0	0.071	ug/L		03/17/11 17:27	03/18/11 17:33	1
Phenol	ND		5.0	0.12	ug/L		03/17/11 17:27	03/18/11 17:33	1
Pyrene	ND		5.0	0.041	ug/L		03/17/11 17:27	03/18/11 17:33	1

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

Lab Sample ID: MB 480-8716/1-A
Matrix: Water
Analysis Batch: 8765

Client Sample ID: MB 480-8716/1-A
Prep Type: Total/NA
Prep Batch: 8716

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	*88*		*52 - 151*	*03/17/11 17:27*	*03/18/11 17:33*	*1*
2-Fluorobiphenyl	*48*		*44 - 120*	*03/17/11 17:27*	*03/18/11 17:33*	*1*
2-Fluorophenol	*27*		*17 - 120*	*03/17/11 17:27*	*03/18/11 17:33*	*1*
Nitrobenzene-d5	*52*		*42 - 120*	*03/17/11 17:27*	*03/18/11 17:33*	*1*
Phenol-d5	*21*		*10 - 120*	*03/17/11 17:27*	*03/18/11 17:33*	*1*
p-Terphenyl-d14	*97*		*22 - 125*	*03/17/11 17:27*	*03/18/11 17:33*	*1*

Lab Sample ID: LCS 480-8716/2-A
Matrix: Water
Analysis Batch: 8765

Client Sample ID: LCS 480-8716/2-A
Prep Type: Total/NA
Prep Batch: 8716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	46.9		ug/L		47	44 - 142
1,2-Dichlorobenzene	100	38.9		ug/L		39	32 - 129
1,3-Dichlorobenzene	100	37.5		ug/L		38	1 - 172
1,4-Dichlorobenzene	100	39.6		ug/L		40	20 - 124
2,2'-Oxybis(1-chloropropane)	100	62.8		ug/L		63	36 - 166
2,4,6-Trichlorophenol	100	88.4		ug/L		88	37 - 144
2,4-Dichlorophenol	100	80.1		ug/L		80	39 - 135
2,4-Dimethylphenol	100	81.7		ug/L		82	32 - 119
2,4-Dinitrophenol	100	101		ug/L		101	1 - 191
2,4-Dinitrotoluene	100	109		ug/L		109	39 - 139
2,6-Dinitrotoluene	100	106		ug/L		106	50 - 158
2-Chloronaphthalene	100	59.9		ug/L		60	60 - 118
2-Chlorophenol	100	63.3		ug/L		63	23 - 134
2-Nitrophenol	100	79.4		ug/L		79	29 - 182
3,3'-Dichlorobenzidine	100	58.2		ug/L		58	1 - 262
4,6-Dinitro-2-methylphenol	100	110		ug/L		110	1 - 181
4-Bromophenyl phenyl ether	100	84.3		ug/L		84	53 - 127
4-Chloro-3-methylphenol	100	97.3		ug/L		97	22 - 147
4-Chlorophenyl phenyl ether	100	85.3		ug/L		85	25 - 158
4-Nitrophenol	100	64.5		ug/L		65	1 - 132
Acenaphthene	100	75.3		ug/L		75	47 - 145
Acenaphthylene	100	77.8		ug/L		78	33 - 145
Anthracene	100	93.9		ug/L		94	27 - 133
Benzo[a]anthracene	100	102		ug/L		102	33 - 143
Benzo[a]pyrene	100	104		ug/L		104	17 - 163
Benzo[b]fluoranthene	100	95.8		ug/L		96	24 - 159
Benzo[g,h,i]perylene	100	99.9		ug/L		100	1 - 219
Benzo[k]fluoranthene	100	97.8		ug/L		98	11 - 162
Bis(2-chloroethoxy)methane	100	76.8		ug/L		77	33 - 184
Bis(2-chloroethyl)ether	100	62.9		ug/L		63	12 - 158
Bis(2-ethylhexyl) phthalate	100	104		ug/L		104	8 - 158
Butyl benzyl phthalate	100	104		ug/L		104	1 - 152
Chrysene	100	97.2		ug/L		97	17 - 168
Dibenz(a,h)anthracene	100	111		ug/L		111	1 - 227
Diethyl phthalate	100	105		ug/L		105	1 - 114
Dimethyl phthalate	100	99.4		ug/L		99	1 - 112
Di-n-butyl phthalate	100	101		ug/L		101	1 - 118

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

Lab Sample ID: LCS 480-8716/2-A
Matrix: Water
Analysis Batch: 8765

Client Sample ID: LCS 480-8716/2-A
Prep Type: Total/NA
Prep Batch: 8716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	107		ug/L		107	4 - 146
Fluoranthene	100	99.7		ug/L		100	26 - 137
Fluorene	100	87.9		ug/L		88	59 - 121
Hexachlorobenzene	100	87.7		ug/L		88	1 - 152
Hexachlorocyclopentadiene	100	39.7		ug/L		40	5 - 120
Hexachloroethane	100	37.3	*	ug/L		37	40 - 113
Indeno[1,2,3-cd]pyrene	100	103		ug/L		103	1 - 171
Isophorone	100	84.7		ug/L		85	21 - 196
Naphthalene	100	57.6		ug/L		58	21 - 133
Nitrobenzene	100	70.9		ug/L		71	35 - 180
N-Nitrosodi-n-propylamine	100	78.8		ug/L		79	1 - 230
N-Nitrosodiphenylamine	100	96.2		ug/L		96	54 - 125
Pentachlorophenol	100	93.4		ug/L		93	14 - 176
Phenanthrene	100	94.7		ug/L		95	54 - 120
Phenol	100	33.3		ug/L		33	5 - 112
Pyrene	100	101		ug/L		101	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 151*
2-Fluorobiphenyl	*67*		*44 - 120*
2-Fluorophenol	*38*		*17 - 120*
Nitrobenzene-d5	*75*		*42 - 120*
Phenol-d5	*30*		*10 - 120*
p-Terphenyl-d14	*97*		*22 - 125*

Lab Sample ID: MB 480-9349/1-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: MB 480-9349/1-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		03/23/11 17:24	03/24/11 12:28	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		03/23/11 17:24	03/24/11 12:28	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		03/23/11 17:24	03/24/11 12:28	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		03/23/11 17:24	03/24/11 12:28	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		03/23/11 17:24	03/24/11 12:28	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		03/23/11 17:24	03/24/11 12:28	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		03/23/11 17:24	03/24/11 12:28	1
2-Chlorophenol	ND		5.0	0.16	ug/L		03/23/11 17:24	03/24/11 12:28	1
2-Nitrophenol	ND		5.0	0.14	ug/L		03/23/11 17:24	03/24/11 12:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		03/23/11 17:24	03/24/11 12:28	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		03/23/11 17:24	03/24/11 12:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		03/23/11 17:24	03/24/11 12:28	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		03/23/11 17:24	03/24/11 12:28	1

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

Lab Sample ID: MB 480-9349/1-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: MB 480-9349/1-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		03/23/11 17:24	03/24/11 12:28	1
4-Nitrophenol	ND		10	1.3	ug/L		03/23/11 17:24	03/24/11 12:28	1
Acenaphthene	ND		5.0	0.060	ug/L		03/23/11 17:24	03/24/11 12:28	1
Acenaphthylene	ND		5.0	0.034	ug/L		03/23/11 17:24	03/24/11 12:28	1
Anthracene	ND		5.0	0.052	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzidine	ND		80	2.5	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		03/23/11 17:24	03/24/11 12:28	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		03/23/11 17:24	03/24/11 12:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		03/23/11 17:24	03/24/11 12:28	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		03/23/11 17:24	03/24/11 12:28	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		03/23/11 17:24	03/24/11 12:28	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		03/23/11 17:24	03/24/11 12:28	1
Chrysene	ND		5.0	0.036	ug/L		03/23/11 17:24	03/24/11 12:28	1
Decane	ND		10	1.6	ug/L		03/23/11 17:24	03/24/11 12:28	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		03/23/11 17:24	03/24/11 12:28	1
Diethyl phthalate	ND		5.0	0.17	ug/L		03/23/11 17:24	03/24/11 12:28	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		03/23/11 17:24	03/24/11 12:28	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		03/23/11 17:24	03/24/11 12:28	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		03/23/11 17:24	03/24/11 12:28	1
Fluoranthene	ND		5.0	0.11	ug/L		03/23/11 17:24	03/24/11 12:28	1
Fluorene	ND		5.0	0.043	ug/L		03/23/11 17:24	03/24/11 12:28	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		03/23/11 17:24	03/24/11 12:28	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		03/23/11 17:24	03/24/11 12:28	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		03/23/11 17:24	03/24/11 12:28	1
Hexachloroethane	ND		5.0	0.48	ug/L		03/23/11 17:24	03/24/11 12:28	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		03/23/11 17:24	03/24/11 12:28	1
Isophorone	ND		5.0	0.16	ug/L		03/23/11 17:24	03/24/11 12:28	1
Naphthalene	ND		5.0	0.080	ug/L		03/23/11 17:24	03/24/11 12:28	1
Nitrobenzene	ND		5.0	0.11	ug/L		03/23/11 17:24	03/24/11 12:28	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		03/23/11 17:24	03/24/11 12:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		03/23/11 17:24	03/24/11 12:28	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		03/23/11 17:24	03/24/11 12:28	1
n-Octadecane	ND		10	0.70	ug/L		03/23/11 17:24	03/24/11 12:28	1
Pentachlorophenol	ND		10	0.41	ug/L		03/23/11 17:24	03/24/11 12:28	1
Phenanthrene	ND		5.0	0.071	ug/L		03/23/11 17:24	03/24/11 12:28	1
Phenol	ND		5.0	0.12	ug/L		03/23/11 17:24	03/24/11 12:28	1
Pyrene	ND		5.0	0.041	ug/L		03/23/11 17:24	03/24/11 12:28	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*52 - 151*	*03/23/11 17:24*	*03/24/11 12:28*	*1*
2-Fluorobiphenyl	*57*		*44 - 120*	*03/23/11 17:24*	*03/24/11 12:28*	*1*
2-Fluorophenol	*32*		*17 - 120*	*03/23/11 17:24*	*03/24/11 12:28*	*1*
Nitrobenzene-d5	*55*		*42 - 120*	*03/23/11 17:24*	*03/24/11 12:28*	*1*
Phenol-d5	*24*		*10 - 120*	*03/23/11 17:24*	*03/24/11 12:28*	*1*
p-Terphenyl-d14	*96*		*22 - 125*	*03/23/11 17:24*	*03/24/11 12:28*	*1*

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

Lab Sample ID: LCS 480-9349/2-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: LCS 480-9349/2-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	51.8		ug/L		52	44 - 142
1,2-Dichlorobenzene	100	48.2		ug/L		48	32 - 129
1,3-Dichlorobenzene	100	45.6		ug/L		46	1 - 172
1,4-Dichlorobenzene	100	46.7		ug/L		47	20 - 124
2,2'-Oxybis(1-chloropropane)	100	59.5		ug/L		59	36 - 166
2,4,6-Trichlorophenol	100	93.1		ug/L		93	37 - 144
2,4-Dichlorophenol	100	82.5		ug/L		82	39 - 135
2,4-Dimethylphenol	100	79.8		ug/L		80	32 - 119
2,4-Dinitrophenol	100	115		ug/L		115	1 - 191
2,4-Dinitrotoluene	100	112		ug/L		112	39 - 139
2,6-Dinitrotoluene	100	119		ug/L		119	50 - 158
2-Chloronaphthalene	100	64.2		ug/L		64	60 - 118
2-Chlorophenol	100	65.3		ug/L		65	23 - 134
2-Nitrophenol	100	88.0		ug/L		88	29 - 182
3,3'-Dichlorobenzidine	100	56.4		ug/L		56	1 - 262
4,6-Dinitro-2-methylphenol	100	107		ug/L		107	1 - 181
4-Bromophenyl phenyl ether	100	84.8		ug/L		85	53 - 127
4-Chloro-3-methylphenol	100	88.5		ug/L		88	22 - 147
4-Chlorophenyl phenyl ether	100	78.8		ug/L		79	25 - 158
4-Nitrophenol	100	52.1		ug/L		52	1 - 132
Acenaphthene	100	72.7		ug/L		73	47 - 145
Acenaphthylene	100	76.5		ug/L		77	33 - 145
Anthracene	100	94.9		ug/L		95	27 - 133
Benzo[a]anthracene	100	95.7		ug/L		96	33 - 143
Benzo[a]pyrene	100	96.9		ug/L		97	17 - 163
Benzo[b]fluoranthene	100	87.9		ug/L		88	24 - 159
Benzo[g,h,i]perylene	100	101		ug/L		101	1 - 219
Benzo[k]fluoranthene	100	96.0		ug/L		96	11 - 162
Bis(2-chloroethoxy)methane	100	75.4		ug/L		75	33 - 184
Bis(2-chloroethyl)ether	100	65.6		ug/L		66	12 - 158
Bis(2-ethylhexyl) phthalate	100	97.9		ug/L		98	8 - 158
Butyl benzyl phthalate	100	97.0		ug/L		97	1 - 152
Chrysene	100	101		ug/L		101	17 - 168
Dibenz(a,h)anthracene	100	106		ug/L		106	1 - 227
Diethyl phthalate	100	94.4		ug/L		94	1 - 114
Dimethyl phthalate	100	94.2		ug/L		94	1 - 112
Di-n-butyl phthalate	100	95.2		ug/L		95	1 - 118
Di-n-octyl phthalate	100	98.6		ug/L		99	4 - 146
Fluoranthene	100	98.6		ug/L		99	26 - 137
Fluorene	100	84.4		ug/L		84	59 - 121
Hexachlorobenzene	100	87.4		ug/L		87	1 - 152
Hexachlorocyclopentadiene	100	50.4		ug/L		50	5 - 120
Hexachloroethane	100	42.8		ug/L		43	40 - 113
Indeno[1,2,3-cd]pyrene	100	106		ug/L		106	1 - 171
Isophorone	100	81.8		ug/L		82	21 - 196
Naphthalene	100	61.1		ug/L		61	21 - 133
Nitrobenzene	100	74.1		ug/L		74	35 - 180
N-Nitrosodi-n-propylamine	100	78.6		ug/L		79	1 - 230
N-Nitrosodiphenylamine	100	95.0		ug/L		95	54 - 125

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

Lab Sample ID: LCS 480-9349/2-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: LCS 480-9349/2-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Pentachlorophenol			100	106		ug/L		106	14 - 176		
Phenanthrene			100	93.0		ug/L		93	54 - 120		
Phenol			100	34.5		ug/L		34	5 - 112		
Pyrene			100	92.9		ug/L		93	52 - 115		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*115*		*52 - 151*
2-Fluorobiphenyl	*66*		*44 - 120*
2-Fluorophenol	*39*		*17 - 120*
Nitrobenzene-d5	*73*		*42 - 120*
Phenol-d5	*30*		*10 - 120*
p-Terphenyl-d14	*91*		*22 - 125*

Lab Sample ID: LCSD 480-9349/3-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: LCSD 480-9349/3-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			100	53.7		ug/L		54	44 - 142	4	34
1,2-Dichlorobenzene			100	51.9		ug/L		52	32 - 129	8	38
1,3-Dichlorobenzene			100	48.2		ug/L		48	1 - 172	6	37
1,4-Dichlorobenzene			100	49.7		ug/L		50	20 - 124	6	40
2,2'-Oxybis(1-chloropropane)			100	62.1		ug/L		62	36 - 166	4	36
2,4,6-Trichlorophenol			100	96.4		ug/L		96	37 - 144	4	20
2,4-Dichlorophenol			100	87.9		ug/L		88	39 - 135	6	23
2,4-Dimethylphenol			100	84.0		ug/L		84	32 - 119	5	18
2,4-Dinitrophenol			100	125		ug/L		125	1 - 191	9	29
2,4-Dinitrotoluene			100	118		ug/L		118	39 - 139	6	20
2,6-Dinitrotoluene			100	124		ug/L		124	50 - 158	4	17
2-Chloronaphthalene			100	65.8		ug/L		66	60 - 118	3	30
2-Chlorophenol			100	72.5		ug/L		73	23 - 134	10	26
2-Nitrophenol			100	95.7		ug/L		96	29 - 182	8	28
3,3'-Dichlorobenzidine			100	65.6		ug/L		66	1 - 262	15	31
4,6-Dinitro-2-methylphenol			100	113		ug/L		113	1 - 181	6	30
4-Bromophenyl phenyl ether			100	89.1		ug/L		89	53 - 127	5	16
4-Chloro-3-methylphenol			100	93.0		ug/L		93	22 - 147	5	16
4-Chlorophenyl phenyl ether			100	84.0		ug/L		84	25 - 158	6	15
4-Nitrophenol			100	56.6		ug/L		57	1 - 132	8	24
Acenaphthene			100	76.8		ug/L		77	47 - 145	5	25
Acenaphthylene			100	80.2		ug/L		80	33 - 145	5	22
Anthracene			100	97.3		ug/L		97	27 - 133	3	15
Benzo[a]anthracene			100	98.4		ug/L		98	33 - 143	3	15
Benzo[a]pyrene			100	99.9		ug/L		100	17 - 163	3	15
Benzo[b]fluoranthene			100	93.8		ug/L		94	24 - 159	6	17
Benzo[g,h,i]perylene			100	104		ug/L		104	1 - 219	3	19
Benzo[k]fluoranthene			100	96.5		ug/L		97	11 - 162	1	19
Bis(2-chloroethoxy)methane			100	78.7		ug/L		79	33 - 184	4	23
Bis(2-chloroethyl)ether			100	70.7		ug/L		71	12 - 158	7	33
Bis(2-ethylhexyl) phthalate			100	100		ug/L		100	8 - 158	2	15

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

Lab Sample ID: LCSD 480-9349/3-A
Matrix: Water
Analysis Batch: 9422

Client Sample ID: LCSD 480-9349/3-A
Prep Type: Total/NA
Prep Batch: 9349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Butyl benzyl phthalate	100	99.8		ug/L		100	1 - 152	3	15
Chrysene	100	102		ug/L		102	17 - 168	0	15
Dibenz(a,h)anthracene	100	110		ug/L		110	1 - 227	4	18
Diethyl phthalate	100	95.2		ug/L		95	1 - 114	1	15
Dimethyl phthalate	100	97.0		ug/L		97	1 - 112	3	15
Di-n-butyl phthalate	100	97.0		ug/L		97	1 - 118	2	15
Di-n-octyl phthalate	100	99.8		ug/L		100	4 - 146	1	15
Fluoranthene	100	99.9		ug/L		100	26 - 137	1	15
Fluorene	100	86.8		ug/L		87	59 - 121	3	18
Hexachlorobenzene	100	91.1		ug/L		91	1 - 152	4	15
Hexachlorocyclopentadiene	100	52.2		ug/L		52	5 - 120	3	50
Hexachloroethane	100	45.0		ug/L		45	40 - 113	5	43
Indeno[1,2,3-cd]pyrene	100	109		ug/L		109	1 - 171	3	17
Isophorone	100	85.6		ug/L		86	21 - 196	5	21
Naphthalene	100	63.6		ug/L		64	21 - 133	4	31
Nitrobenzene	100	78.1		ug/L		78	35 - 180	5	27
N-Nitrosodi-n-propylamine	100	83.9		ug/L		84	1 - 230	7	23
N-Nitrosodiphenylamine	100	99.4		ug/L		99	54 - 125	4	15
Pentachlorophenol	100	109		ug/L		109	14 - 176	3	21
Phenanthrene	100	95.4		ug/L		95	54 - 120	2	16
Phenol	100	38.7		ug/L		39	5 - 112	12	36
Pyrene	100	95.2		ug/L		95	52 - 115	2	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*
2-Fluorobiphenyl	*72*		*44 - 120*
2-Fluorophenol	*45*		*17 - 120*
Nitrobenzene-d5	*78*		*42 - 120*
Phenol-d5	*34*		*10 - 120*
p-Terphenyl-d14	*95*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-8301/1-A
Matrix: Water
Analysis Batch: 8396

Client Sample ID: MB 480-8301/1-A
Prep Type: Total/NA
Prep Batch: 8301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		03/15/11 10:40	03/15/11 18:34	1

Lab Sample ID: LCS 480-8301/2-A
Matrix: Water
Analysis Batch: 8396

Client Sample ID: LCS 480-8301/2-A
Prep Type: Total/NA
Prep Batch: 8301

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

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-8258/1-A
Matrix: Water
Analysis Batch: 8350

Client Sample ID: MB 480-8258/1-A
Prep Type: Total/NA
Prep Batch: 8258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/15/11 07:45	03/15/11 11:11	1

Lab Sample ID: LCS 480-8258/2-A
Matrix: Water
Analysis Batch: 8350

Client Sample ID: LCS 480-8258/2-A
Prep Type: Total/NA
Prep Batch: 8258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0133	0.0133		mg/L		100	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-9558/1-A
Matrix: Water
Analysis Batch: 9754

Client Sample ID: MB 480-9558/1-A
Prep Type: Total/NA
Prep Batch: 9558

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		03/24/11 17:33	03/26/11 13:09	1

Lab Sample ID: LCS 480-9558/2-A
Matrix: Water
Analysis Batch: 9754

Client Sample ID: LCS 480-9558/2-A
Prep Type: Total/NA
Prep Batch: 9558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.248		mg/L		99	90 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-8246/1
Matrix: Water
Analysis Batch: 8246

Client Sample ID: LCS 480-8246/1
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: 8670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-8670/3	LCS 480-8670/3	Total/NA	Water	624	
MB 480-8670/4	MB 480-8670/4	Total/NA	Water	624	
480-2527-1	001	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 8716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-8716/1-A	MB 480-8716/1-A	Total/NA	Water	625	
LCS 480-8716/2-A	LCS 480-8716/2-A	Total/NA	Water	625	
480-2527-1	001	Total/NA	Water	625	

Analysis Batch: 8765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-8716/2-A	LCS 480-8716/2-A	Total/NA	Water	625	8716
480-2527-1	001	Total/NA	Water	625	8716
MB 480-8716/1-A	MB 480-8716/1-A	Total/NA	Water	625	8716

Prep Batch: 9349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-9349/1-A	MB 480-9349/1-A	Total/NA	Water	625	
LCS 480-9349/2-A	LCS 480-9349/2-A	Total/NA	Water	625	
LCSD 480-9349/3-A	LCSD 480-9349/3-A	Total/NA	Water	625	
480-2527-1 - RE	001	Total/NA	Water	625	

Analysis Batch: 9422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-9349/1-A	MB 480-9349/1-A	Total/NA	Water	625	9349
LCS 480-9349/2-A	LCS 480-9349/2-A	Total/NA	Water	625	9349
LCSD 480-9349/3-A	LCSD 480-9349/3-A	Total/NA	Water	625	9349
480-2527-1 - RE	001	Total/NA	Water	625	9349

Metals

Prep Batch: 8258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-8258/1-A	MB 480-8258/1-A	Total/NA	Water	245.1	
LCS 480-8258/2-A	LCS 480-8258/2-A	Total/NA	Water	245.1	
480-2527-1	001	Total/NA	Water	245.1	

Prep Batch: 8301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-8301/1-A	MB 480-8301/1-A	Total/NA	Water	200.7	
LCS 480-8301/2-A	LCS 480-8301/2-A	Total/NA	Water	200.7	
480-2527-1	001	Total/NA	Water	200.7	

Analysis Batch: 8350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-2527-1	001	Total/NA	Water	245.1	8258
MB 480-8258/1-A	MB 480-8258/1-A	Total/NA	Water	245.1	8258
LCS 480-8258/2-A	LCS 480-8258/2-A	Total/NA	Water	245.1	8258

Metals (Continued)

Analysis Batch: 8396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-8301/1-A	MB 480-8301/1-A	Total/NA	Water	200.7 Rev 4.4	8301
LCS 480-8301/2-A	LCS 480-8301/2-A	Total/NA	Water	200.7 Rev 4.4	8301
480-2527-1	001	Total/NA	Water	200.7 Rev 4.4	8301

General Chemistry

Analysis Batch: 8246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-8246/1	LCS 480-8246/1	Total/NA	Water	SM 4500 H+ B	
480-2527-1	001	Total/NA	Water	SM 4500 H+ B	

Prep Batch: 9558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-9558/1-A	MB 480-9558/1-A	Total/NA	Water	Distill/CN	
LCS 480-9558/2-A	LCS 480-9558/2-A	Total/NA	Water	Distill/CN	
480-2527-1	001	Total/NA	Water	Distill/CN	

Analysis Batch: 9754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-2527-1	001	Total/NA	Water	335.4	9558
MB 480-9558/1-A	MB 480-9558/1-A	Total/NA	Water	335.4	9558
LCS 480-9558/2-A	LCS 480-9558/2-A	Total/NA	Water	335.4	9558

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

TestAmerica Job ID: 480-2527-1

Client Sample ID: 001
Date Collected: 03/11/11 08:00
Date Received: 03/14/11 12:00

Lab Sample ID: 480-2527-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	8670	03/17/11 15:59	TRB	TestAmerica Buffalo
Total/NA	Prep	625			8716	03/17/11 17:27	JEB	TestAmerica Buffalo
Total/NA	Analysis	625		1	8765	03/18/11 18:43	JLG	TestAmerica Buffalo
Total/NA	Prep	625	RE		9349	03/23/11 17:24	JEB	TestAmerica Buffalo
Total/NA	Analysis	625	RE	1	9422	03/24/11 13:38	JLG	TestAmerica Buffalo
Total/NA	Prep	245.1			8258	03/15/11 07:45	JRK	TestAmerica Buffalo
Total/NA	Analysis	245.1		1	8350	03/15/11 11:19	JRK	TestAmerica Buffalo
Total/NA	Prep	200.7			8301	03/15/11 10:40	MM	TestAmerica Buffalo
Total/NA	Analysis	200.7 Rev 4.4		1	8396	03/15/11 18:38	LH	TestAmerica Buffalo
Total/NA	Analysis	SM 4500 H+ B		1	8246	03/14/11 20:59	RL	TestAmerica Buffalo
Total/NA	Prep	Distill/CN			9558	03/24/11 17:33	ML	TestAmerica Buffalo
Total/NA	Analysis	335.4		1	9754	03/26/11 13:33	JR	TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-2527-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica Buffalo		USDA		P330-08-00242	11/25/11
TestAmerica Buffalo	Arkansas	State Program	6	88-0686	07/06/11
TestAmerica Buffalo	California	NELAC	9	1169CA	09/30/11
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568	09/30/12
TestAmerica Buffalo	Florida	NELAC	4	E87672	06/30/11
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A	03/31/11
TestAmerica Buffalo	Georgia	State Program	4	956	04/01/10
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003	09/30/11
TestAmerica Buffalo	Iowa	State Program	7	374	03/01/13
TestAmerica Buffalo	Kansas	NELAC	7	E-10187	01/31/12
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30	04/12/12
TestAmerica Buffalo	Kentucky	State Program	4	90029	12/31/11
TestAmerica Buffalo	Louisiana	NELAC	6	02031	06/30/11
TestAmerica Buffalo	Maine	State Program	1	NY0044	12/04/12
TestAmerica Buffalo	Maryland	State Program	3	294	03/31/12
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044	06/30/11
TestAmerica Buffalo	Michigan	State Program	5	9937	04/01/11
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337	12/31/11
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281	11/17/11
TestAmerica Buffalo	New Hampshire	NELAC	1	2337	09/11/11
TestAmerica Buffalo	New Jersey	NELAC	2	NY455	06/30/11
TestAmerica Buffalo	New York	NELAC	2	10026	04/01/11
TestAmerica Buffalo	North Dakota	State Program	8	R-176	03/31/11
TestAmerica Buffalo	Oklahoma	State Program	6	9421	09/30/11
TestAmerica Buffalo	Oregon	NELAC	10	NY200003	06/10/11
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281	07/31/11
TestAmerica Buffalo	Tennessee	State Program	4	TN02970	03/31/11
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX	07/31/11
TestAmerica Buffalo	Virginia	State Program	3	278	06/30/11
TestAmerica Buffalo	Washington	State Program	10	C1677	02/10/12
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252	09/30/11
TestAmerica Buffalo	Wisconsin	State Program	5	998310390	08/31/11

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.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

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

TestAmerica Job ID: 480-2527-1

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: 480-2527-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-2527-1	001	Water	03/11/11 08:00	03/14/11 12:00

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brent Miller	Lab PM: Denise Giglia	Carrier Tracking No(s):	COC No: 0107201115431
Client Contact: Andrew Janik	Phone: 484-645-2301	E-Mail: denise.giglia@testamericainc.com		Page: 1
Company: Groundwater & Env Svcs Inc - Cheektowaga, NY		Parameter(s) Requested		Job #:
Address: 158 Sawmil Drive	Due Date Requested:			Preservation Codes: A=HCL, B=NaOH, C=Zn Acetate, D=Nitric Acid, E=Ice, F=None, G=H2SO4, H=MCAA, Containers Codes: A=Amber, G=Glass, P=Poly/Plastic, S=Sterile, T=Tedlar, V=Vial, Z=Z
City: Cheektowaga	TAT Requested (Business Days): 10			
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email: ajanik@gesonline.com	WO #: RUC0003			
Project Name: BRISTOL-MYERS MONTHLY - NY5A9483AE04622	Project #: BRISTOL-MYERS MONTHLY			
Site: GES - Bristol Myers - NY5A9483	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)	T-Metals - T-Mercury	pH	CN	SVOA	624 VOAS	Total Number of containers	Special Instructions/Note:
			Preserv-Cont Code				D-A	I-A	B-A	I-A	A-V		
003	3-11-11	0900	G	W			4	3	4	4	8	23	
001	3-11-11	1000											
001	3-11-11	1215											
001	3-11-11	1430											

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	3-11-11 1500	GES		03-14-11 11:30	BTEL
	03-14-11 12:00			3/14/11 1200 EW	BTEL
	Date/Time	Company		Date/Time	Company

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

Cooler Temperature(s) °C and Other Remarks: 5.4

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-2527-1

Login Number: 2527

List Source: TestAmerica Buffalo

List Number: 1

Creator: Szymanski, Andrew

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	625 comped in SC, Lab to comp 624
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	False	Sampled 3-11-11
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: 480-3634-1
Client Project/Site: Bristol Myers Squibb Monthly

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

Attn: Andrew Janik

Melissa Deyo

Authorized for release by:
04/26/2011 04:30:43 PM
Melissa Deyo
Project Administrator
melissa.deyo@testamericainc.com

Designee for

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

Table of Contents

Qualifier Definition/Glossary

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

TestAmerica Job ID: 480-3634-1

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.

General Chemistry

Qualifier	Qualifier Description
F	Duplicate RPD exceeds the control limit
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: 480-3634-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-3634-1

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

GC/MS VOA
Method 624: The following sample was composited by the laboratory on 4/19/11 as requested on the chain-of-custody: 001 voa comp (480-3634-3).

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 335.4: The sample duplicate precision, or relative percent difference (RPD), between samples 001 (480-3634-1) and (480-3634-1 DU) was outside control limits. The sample result have been confirmed outside of analytical holding time. Only the original analysis has been report.

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 (480-3634-1)

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: 480-3634-1

Client Sample ID: 001 — Lab Sample ID: 480-3634-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	1.2	J	4.7	0.11	ug/L	1		625	Total/NA
Cyanide, Total	0.15		0.010	0.0050	mg/L	1		335.4	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.57	HF	0.100	0.100	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: 001 voa comp — Lab Sample ID: 480-3634-3

No Detections.

Client Sample ID: 001
Date Collected: 04/11/11 14:00
Date Received: 04/12/11 13:05

Lab Sample ID: 480-3634-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L		04/16/11 09:24	04/17/11 09:39	1
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L		04/16/11 09:24	04/17/11 09:39	1
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L		04/16/11 09:24	04/17/11 09:39	1
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L		04/16/11 09:24	04/17/11 09:39	1
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	0.081	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,4-Dichlorophenol	ND		4.7	0.28	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,4-Dimethylphenol	ND		4.7	0.13	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,4-Dinitrophenol	ND		9.4	0.79	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L		04/16/11 09:24	04/17/11 09:39	1
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L		04/16/11 09:24	04/17/11 09:39	1
2-Chloronaphthalene	ND		4.7	0.064	ug/L		04/16/11 09:24	04/17/11 09:39	1
2-Chlorophenol	ND		4.7	0.15	ug/L		04/16/11 09:24	04/17/11 09:39	1
2-Nitrophenol	ND		4.7	0.14	ug/L		04/16/11 09:24	04/17/11 09:39	1
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L		04/16/11 09:24	04/17/11 09:39	1
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L		04/16/11 09:24	04/17/11 09:39	1
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L		04/16/11 09:24	04/17/11 09:39	1
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L		04/16/11 09:24	04/17/11 09:39	1
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L		04/16/11 09:24	04/17/11 09:39	1
4-Nitrophenol	ND		9.4	1.3	ug/L		04/16/11 09:24	04/17/11 09:39	1
Acenaphthene	ND		4.7	0.057	ug/L		04/16/11 09:24	04/17/11 09:39	1
Acenaphthylene	ND		4.7	0.032	ug/L		04/16/11 09:24	04/17/11 09:39	1
Anthracene	ND		4.7	0.050	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzidine	ND		75	2.4	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzo[a]anthracene	ND		4.7	0.041	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzo[a]pyrene	ND		4.7	0.055	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzo[b]fluoranthene	ND		4.7	0.058	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzo[g,h,i]perylene	ND		4.7	0.095	ug/L		04/16/11 09:24	04/17/11 09:39	1
Benzo[k]fluoranthene	ND		4.7	0.039	ug/L		04/16/11 09:24	04/17/11 09:39	1
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L		04/16/11 09:24	04/17/11 09:39	1
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L		04/16/11 09:24	04/17/11 09:39	1
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L		04/16/11 09:24	04/17/11 09:39	1
Butyl benzyl phthalate	ND		4.7	1.2	ug/L		04/16/11 09:24	04/17/11 09:39	1
Chrysene	ND		4.7	0.034	ug/L		04/16/11 09:24	04/17/11 09:39	1
Decane	ND		9.4	1.5	ug/L		04/16/11 09:24	04/17/11 09:39	1
Dibenz(a,h)anthracene	ND		4.7	0.052	ug/L		04/16/11 09:24	04/17/11 09:39	1
Diethyl phthalate	ND		4.7	0.16	ug/L		04/16/11 09:24	04/17/11 09:39	1
Dimethyl phthalate	ND		4.7	0.16	ug/L		04/16/11 09:24	04/17/11 09:39	1
Di-n-butyl phthalate	ND		4.7	0.88	ug/L		04/16/11 09:24	04/17/11 09:39	1
Di-n-octyl phthalate	ND		4.7	4.2	ug/L		04/16/11 09:24	04/17/11 09:39	1
Fluoranthene	ND		4.7	0.10	ug/L		04/16/11 09:24	04/17/11 09:39	1
Fluorene	ND		4.7	0.040	ug/L		04/16/11 09:24	04/17/11 09:39	1
Hexachlorobenzene	ND		4.7	0.26	ug/L		04/16/11 09:24	04/17/11 09:39	1
Hexachlorobutadiene	ND		4.7	0.58	ug/L		04/16/11 09:24	04/17/11 09:39	1
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L		04/16/11 09:24	04/17/11 09:39	1
Hexachloroethane	ND		4.7	0.45	ug/L		04/16/11 09:24	04/17/11 09:39	1
Indeno[1,2,3-cd]pyrene	ND		4.7	0.18	ug/L		04/16/11 09:24	04/17/11 09:39	1
Isophorone	ND		4.7	0.15	ug/L		04/16/11 09:24	04/17/11 09:39	1
Naphthalene	ND		4.7	0.076	ug/L		04/16/11 09:24	04/17/11 09:39	1

Client Sample ID: 001

Lab Sample ID: 480-3634-1

Date Collected: 04/11/11 14:00

Matrix: Water

Date Received: 04/12/11 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		4.7	0.10	ug/L		04/16/11 09:24	04/17/11 09:39	1
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L		04/16/11 09:24	04/17/11 09:39	1
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L		04/16/11 09:24	04/17/11 09:39	1
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L		04/16/11 09:24	04/17/11 09:39	1
n-Octadecane	ND		9.4	0.66	ug/L		04/16/11 09:24	04/17/11 09:39	1
Pentachlorophenol	ND		9.4	0.39	ug/L		04/16/11 09:24	04/17/11 09:39	1
Phenanthrene	ND		4.7	0.067	ug/L		04/16/11 09:24	04/17/11 09:39	1
Phenol	**1.2**	**J**	4.7	0.11	ug/L		04/16/11 09:24	04/17/11 09:39	1
Pyrene	ND		4.7	0.039	ug/L		04/16/11 09:24	04/17/11 09:39	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 151*	*04/16/11 09:24*	*04/17/11 09:39*	*1*
2-Fluorobiphenyl	*80*		*44 - 120*	*04/16/11 09:24*	*04/17/11 09:39*	*1*
2-Fluorophenol	*40*		*17 - 120*	*04/16/11 09:24*	*04/17/11 09:39*	*1*
Nitrobenzene-d5	*70*		*42 - 120*	*04/16/11 09:24*	*04/17/11 09:39*	*1*
Phenol-d5	*26*		*10 - 120*	*04/16/11 09:24*	*04/17/11 09:39*	*1*
p-Terphenyl-d14	*78*		*22 - 125*	*04/16/11 09:24*	*04/17/11 09:39*	*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		04/13/11 12:15	04/14/11 11:06	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/14/11 11:00	04/14/11 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.15**		0.010	0.0050	mg/L		04/18/11 20:32	04/19/11 11:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.57**	**HF**	0.100	0.100	SU			04/13/11 01:11	1

Client Sample ID: 001 voa comp

Lab Sample ID: 480-3634-3

Date Collected: 04/11/11 14:00

Matrix: Water

Date Received: 04/12/11 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/19/11 18:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/19/11 18:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/19/11 18:19	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/19/11 18:19	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/19/11 18:19	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/19/11 18:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/19/11 18:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/19/11 18:19	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/19/11 18:19	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/19/11 18:19	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/19/11 18:19	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/19/11 18:19	1
Acrolein	ND		100	17	ug/L			04/19/11 18:19	1

Client Sample ID: 001 voa comp — **Lab Sample ID: 480-3634-3**

Date Collected: 04/11/11 14:00 — **Matrix: Water**

Date Received: 04/12/11 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		25	1.9	ug/L			04/19/11 18:19	1
Benzene	ND		5.0	0.60	ug/L			04/19/11 18:19	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/19/11 18:19	1
Bromoform	ND		5.0	0.47	ug/L			04/19/11 18:19	1
Bromomethane	ND		5.0	1.2	ug/L			04/19/11 18:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/19/11 18:19	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/19/11 18:19	1
Chloroethane	ND		5.0	0.87	ug/L			04/19/11 18:19	1
Chloroform	ND		5.0	0.54	ug/L			04/19/11 18:19	1
Chloromethane	ND		5.0	0.64	ug/L			04/19/11 18:19	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/19/11 18:19	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/19/11 18:19	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			04/19/11 18:19	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/19/11 18:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/19/11 18:19	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/19/11 18:19	1
Toluene	ND		5.0	0.45	ug/L			04/19/11 18:19	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/19/11 18:19	1
Trichloroethene	ND		5.0	0.60	ug/L			04/19/11 18:19	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/19/11 18:19	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/19/11 18:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 130*		*04/19/11 18:19*	*1*
4-Bromofluorobenzene (Surr)	*90*		*69 - 121*		*04/19/11 18:19*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*04/19/11 18:19*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-3634-1

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)
480-3634-3	001 voa comp	90	90	101
LCS 480-12760/4	LCS 480-12760/4	102	101	102
MB 480-12760/5	MB 480-12760/5	107	100	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)
480-3634-1	001	101	80	40	70	26	78
LCS 480-12419/2-A	LCS 480-12419/2-A	96	85	53	81	37	92
LCSD 480-12419/3-A	LCSD 480-12419/3-A	105	86	54	85	38	97
MB 480-12419/1-A	MB 480-12419/1-A	93	81	46	76	32	96

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 480-12760/5
Matrix: Water
Analysis Batch: 12760

Client Sample ID: MB 480-12760/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/19/11 15:12	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/19/11 15:12	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/19/11 15:12	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/19/11 15:12	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/19/11 15:12	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/19/11 15:12	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/19/11 15:12	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/19/11 15:12	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/19/11 15:12	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/19/11 15:12	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/19/11 15:12	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/19/11 15:12	1
Acrolein	ND		100	17	ug/L			04/19/11 15:12	1
Acrylonitrile	ND		25	1.9	ug/L			04/19/11 15:12	1
Benzene	ND		5.0	0.60	ug/L			04/19/11 15:12	1
Bromodichloromethane	ND		5.0	0.54	ug/L			04/19/11 15:12	1
Bromoform	ND		5.0	0.47	ug/L			04/19/11 15:12	1
Bromomethane	ND		5.0	1.2	ug/L			04/19/11 15:12	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/19/11 15:12	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/19/11 15:12	1
Chloroethane	ND		5.0	0.87	ug/L			04/19/11 15:12	1
Chloroform	ND		5.0	0.54	ug/L			04/19/11 15:12	1
Chloromethane	ND		5.0	0.64	ug/L			04/19/11 15:12	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/19/11 15:12	1
Dibromochloromethane	ND		5.0	0.41	ug/L			04/19/11 15:12	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			04/19/11 15:12	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/19/11 15:12	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/19/11 15:12	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/19/11 15:12	1
Toluene	ND		5.0	0.45	ug/L			04/19/11 15:12	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/19/11 15:12	1
Trichloroethene	ND		5.0	0.60	ug/L			04/19/11 15:12	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			04/19/11 15:12	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/19/11 15:12	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*04/19/11 15:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*		*04/19/11 15:12*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*04/19/11 15:12*	*1*

Lab Sample ID: LCS 480-12760/4
Matrix: Water
Analysis Batch: 12760

Client Sample ID: LCS 480-12760/4
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	20.8		ug/L		104	61 - 140
1,1,2-Trichloroethane	20.0	19.7		ug/L		98	71 - 129
1,1-Dichloroethane	20.0	22.7		ug/L		114	73 - 128

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

Lab Sample ID: LCS 480-12760/4
Matrix: Water
Analysis Batch: 12760

Client Sample ID: LCS 480-12760/4
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethene	20.0	22.5		ug/L		112	51 - 150
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	63 - 137
1,2-Dichloroethane	20.0	21.5		ug/L		107	68 - 132
1,2-Dichloropropane	20.0	22.1		ug/L		110	34 - 166
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	73 - 127
1,4-Dichlorobenzene	20.0	21.5		ug/L		107	63 - 137
2-Chloroethyl vinyl ether	100	102		ug/L		102	1 - 224
Benzene	20.0	21.8		ug/L		109	64 - 136
Bromodichloromethane	20.0	21.3		ug/L		106	66 - 135
Bromoform	20.0	18.1		ug/L		90	71 - 129
Bromomethane	20.0	19.0		ug/L		95	14 - 186
Carbon tetrachloride	20.0	21.3		ug/L		106	73 - 127
Chlorobenzene	20.0	22.2		ug/L		111	66 - 134
Chloroethane	20.0	25.3		ug/L		127	38 - 162
Chloroform	20.0	22.3		ug/L		111	68 - 133
Chloromethane	20.0	21.3		ug/L		106	1 - 204
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	24 - 176
Dibromochloromethane	20.0	20.0		ug/L		100	68 - 133
Ethylbenzene	20.0	22.5		ug/L		112	59 - 141
Methylene Chloride	20.0	21.5		ug/L		108	61 - 140
Tetrachloroethene	20.0	22.0		ug/L		110	74 - 127
Toluene	20.0	21.2		ug/L		106	75 - 126
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	50 - 150
Trichloroethene	20.0	21.3		ug/L		106	67 - 134
Trichlorofluoromethane	20.0	25.0		ug/L		125	48 - 152
Vinyl chloride	20.0	23.0		ug/L		115	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*
4-Bromofluorobenzene (Surr)	*101*		*69 - 121*
Toluene-d8 (Surr)	*102*		*70 - 123*

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

Lab Sample ID: MB 480-12419/1-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: MB 480-12419/1-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		04/16/11 09:24	04/17/11 01:02	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		04/16/11 09:24	04/17/11 01:02	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		04/16/11 09:24	04/17/11 01:02	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		04/16/11 09:24	04/17/11 01:02	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		04/16/11 09:24	04/17/11 01:02	1

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

Lab Sample ID: MB 480-12419/1-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: MB 480-12419/1-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		04/16/11 09:24	04/17/11 01:02	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		04/16/11 09:24	04/17/11 01:02	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		04/16/11 09:24	04/17/11 01:02	1
2-Chlorophenol	ND		5.0	0.16	ug/L		04/16/11 09:24	04/17/11 01:02	1
2-Nitrophenol	ND		5.0	0.14	ug/L		04/16/11 09:24	04/17/11 01:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		04/16/11 09:24	04/17/11 01:02	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		04/16/11 09:24	04/17/11 01:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		04/16/11 09:24	04/17/11 01:02	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		04/16/11 09:24	04/17/11 01:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		04/16/11 09:24	04/17/11 01:02	1
4-Nitrophenol	ND		10	1.3	ug/L		04/16/11 09:24	04/17/11 01:02	1
Acenaphthene	ND		5.0	0.060	ug/L		04/16/11 09:24	04/17/11 01:02	1
Acenaphthylene	ND		5.0	0.034	ug/L		04/16/11 09:24	04/17/11 01:02	1
Anthracene	ND		5.0	0.052	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzidine	ND		80	2.5	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		04/16/11 09:24	04/17/11 01:02	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		04/16/11 09:24	04/17/11 01:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		04/16/11 09:24	04/17/11 01:02	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		04/16/11 09:24	04/17/11 01:02	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		04/16/11 09:24	04/17/11 01:02	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		04/16/11 09:24	04/17/11 01:02	1
Chrysene	ND		5.0	0.036	ug/L		04/16/11 09:24	04/17/11 01:02	1
Decane	ND		10	1.6	ug/L		04/16/11 09:24	04/17/11 01:02	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		04/16/11 09:24	04/17/11 01:02	1
Diethyl phthalate	ND		5.0	0.17	ug/L		04/16/11 09:24	04/17/11 01:02	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		04/16/11 09:24	04/17/11 01:02	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		04/16/11 09:24	04/17/11 01:02	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		04/16/11 09:24	04/17/11 01:02	1
Fluoranthene	ND		5.0	0.11	ug/L		04/16/11 09:24	04/17/11 01:02	1
Fluorene	ND		5.0	0.043	ug/L		04/16/11 09:24	04/17/11 01:02	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		04/16/11 09:24	04/17/11 01:02	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		04/16/11 09:24	04/17/11 01:02	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		04/16/11 09:24	04/17/11 01:02	1
Hexachloroethane	ND		5.0	0.48	ug/L		04/16/11 09:24	04/17/11 01:02	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		04/16/11 09:24	04/17/11 01:02	1
Isophorone	ND		5.0	0.16	ug/L		04/16/11 09:24	04/17/11 01:02	1
Naphthalene	ND		5.0	0.080	ug/L		04/16/11 09:24	04/17/11 01:02	1
Nitrobenzene	ND		5.0	0.11	ug/L		04/16/11 09:24	04/17/11 01:02	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		04/16/11 09:24	04/17/11 01:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		04/16/11 09:24	04/17/11 01:02	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		04/16/11 09:24	04/17/11 01:02	1
n-Octadecane	ND		10	0.70	ug/L		04/16/11 09:24	04/17/11 01:02	1
Pentachlorophenol	ND		10	0.41	ug/L		04/16/11 09:24	04/17/11 01:02	1
Phenanthrene	ND		5.0	0.071	ug/L		04/16/11 09:24	04/17/11 01:02	1
Phenol	ND		5.0	0.12	ug/L		04/16/11 09:24	04/17/11 01:02	1
Pyrene	ND		5.0	0.041	ug/L		04/16/11 09:24	04/17/11 01:02	1

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

Lab Sample ID: MB 480-12419/1-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: MB 480-12419/1-A
Prep Type: Total/NA
Prep Batch: 12419

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 151	04/16/11 09:24	04/17/11 01:02	1
2-Fluorobiphenyl	81		44 - 120	04/16/11 09:24	04/17/11 01:02	1
2-Fluorophenol	46		17 - 120	04/16/11 09:24	04/17/11 01:02	1
Nitrobenzene-d5	76		42 - 120	04/16/11 09:24	04/17/11 01:02	1
Phenol-d5	32		10 - 120	04/16/11 09:24	04/17/11 01:02	1
p-Terphenyl-d14	96		22 - 125	04/16/11 09:24	04/17/11 01:02	1

Lab Sample ID: LCS 480-12419/2-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: LCS 480-12419/2-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	73.2		ug/L		73	44 - 142
1,2-Dichlorobenzene	100	68.3		ug/L		68	32 - 129
1,3-Dichlorobenzene	100	69.8		ug/L		70	1 - 172
1,4-Dichlorobenzene	100	69.7		ug/L		70	20 - 124
2,2'-Oxybis(1-chloropropane)	100	76.0		ug/L		76	36 - 166
2,4,6-Trichlorophenol	100	84.2		ug/L		84	37 - 144
2,4-Dichlorophenol	100	79.4		ug/L		79	39 - 135
2,4-Dimethylphenol	100	74.7		ug/L		75	32 - 119
2,4-Dinitrophenol	100	88.2		ug/L		88	1 - 191
2,4-Dinitrotoluene	100	91.7		ug/L		92	39 - 139
2,6-Dinitrotoluene	100	94.2		ug/L		94	50 - 158
2-Chloronaphthalene	100	77.3		ug/L		77	60 - 118
2-Chlorophenol	100	72.9		ug/L		73	23 - 134
2-Nitrophenol	100	80.5		ug/L		81	29 - 182
3,3'-Dichlorobenzidine	100	86.3		ug/L		86	1 - 262
4,6-Dinitro-2-methylphenol	100	97.5		ug/L		98	1 - 181
4-Bromophenyl phenyl ether	100	79.8		ug/L		80	53 - 127
4-Chloro-3-methylphenol	100	81.8		ug/L		82	22 - 147
4-Chlorophenyl phenyl ether	100	84.2		ug/L		84	25 - 158
4-Nitrophenol	100	43.2		ug/L		43	1 - 132
Acenaphthene	100	83.7		ug/L		84	47 - 145
Acenaphthylene	100	87.5		ug/L		88	33 - 145
Anthracene	100	82.6		ug/L		83	27 - 133
Benzo[a]anthracene	100	93.2		ug/L		93	33 - 143
Benzo[a]pyrene	100	93.3		ug/L		93	17 - 163
Benzo[b]fluoranthene	100	91.7		ug/L		92	24 - 159
Benzo[g,h,i]perylene	100	89.5		ug/L		90	1 - 219
Benzo[k]fluoranthene	100	78.1		ug/L		78	11 - 162
Bis(2-chloroethoxy)methane	100	72.7		ug/L		73	33 - 184
Bis(2-chloroethyl)ether	100	72.3		ug/L		72	12 - 158
Bis(2-ethylhexyl) phthalate	100	93.2		ug/L		93	8 - 158
Butyl benzyl phthalate	100	93.6		ug/L		94	1 - 152
Chrysene	100	95.5		ug/L		95	17 - 168
Dibenz(a,h)anthracene	100	92.3		ug/L		92	1 - 227
Diethyl phthalate	100	85.6		ug/L		86	1 - 114
Dimethyl phthalate	100	84.5		ug/L		85	1 - 112
Di-n-butyl phthalate	100	81.8		ug/L		82	1 - 118

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

Lab Sample ID: LCS 480-12419/2-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: LCS 480-12419/2-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	95.4		ug/L		95	4 - 146
Fluoranthene	100	82.9		ug/L		83	26 - 137
Fluorene	100	87.0		ug/L		87	59 - 121
Hexachlorobenzene	100	76.3		ug/L		76	1 - 152
Hexachlorocyclopentadiene	100	74.7		ug/L		75	5 - 120
Hexachloroethane	100	65.7		ug/L		66	40 - 113
Indeno[1,2,3-cd]pyrene	100	92.8		ug/L		93	1 - 171
Isophorone	100	78.5		ug/L		78	21 - 196
Naphthalene	100	74.3		ug/L		74	21 - 133
Nitrobenzene	100	77.4		ug/L		77	35 - 180
N-Nitrosodi-n-propylamine	100	78.3		ug/L		78	1 - 230
N-Nitrosodiphenylamine	100	94.1		ug/L		94	54 - 125
Pentachlorophenol	100	90.4		ug/L		90	14 - 176
Phenanthrene	100	81.6		ug/L		82	54 - 120
Phenol	100	35.9		ug/L		36	5 - 112
Pyrene	100	92.5		ug/L		92	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*52 - 151*
2-Fluorobiphenyl	*85*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*81*		*42 - 120*
Phenol-d5	*37*		*10 - 120*
p-Terphenyl-d14	*92*		*22 - 125*

Lab Sample ID: LCSD 480-12419/3-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: LCSD 480-12419/3-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	75.7		ug/L		76	44 - 142	3	34
1,2-Dichlorobenzene	100	74.2		ug/L		74	32 - 129	8	38
1,3-Dichlorobenzene	100	74.0		ug/L		74	1 - 172	6	37
1,4-Dichlorobenzene	100	74.5		ug/L		75	20 - 124	7	40
2,2'-Oxybis(1-chloropropane)	100	78.5		ug/L		79	36 - 166	3	36
2,4,6-Trichlorophenol	100	85.7		ug/L		86	37 - 144	2	20
2,4-Dichlorophenol	100	82.6		ug/L		83	39 - 135	4	23
2,4-Dimethylphenol	100	79.1		ug/L		79	32 - 119	6	18
2,4-Dinitrophenol	100	94.5		ug/L		95	1 - 191	7	29
2,4-Dinitrotoluene	100	93.5		ug/L		94	39 - 139	2	20
2,6-Dinitrotoluene	100	95.2		ug/L		95	50 - 158	1	17
2-Chloronaphthalene	100	80.9		ug/L		81	60 - 118	5	30
2-Chlorophenol	100	76.8		ug/L		77	23 - 134	5	26
2-Nitrophenol	100	84.7		ug/L		85	29 - 182	5	28
3,3'-Dichlorobenzidine	100	91.3		ug/L		91	1 - 262	6	31
4,6-Dinitro-2-methylphenol	100	105		ug/L		105	1 - 181	8	30
4-Bromophenyl phenyl ether	100	86.1		ug/L		86	53 - 127	8	16
4-Chloro-3-methylphenol	100	87.0		ug/L		87	22 - 147	6	16
4-Chlorophenyl phenyl ether	100	86.6		ug/L		87	25 - 158	3	15

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

Lab Sample ID: LCSD 480-12419/3-A
Matrix: Water
Analysis Batch: 12292

Client Sample ID: LCSD 480-12419/3-A
Prep Type: Total/NA
Prep Batch: 12419

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	43.6		ug/L		44	1 - 132	1	24
Acenaphthene			100	86.6		ug/L		87	47 - 145	3	25
Acenaphthylene			100	90.0		ug/L		90	33 - 145	3	22
Anthracene			100	89.4		ug/L		89	27 - 133	8	15
Benzo[a]anthracene			100	97.4		ug/L		97	33 - 143	4	15
Benzo[a]pyrene			100	97.1		ug/L		97	17 - 163	4	15
Benzo[b]fluoranthene			100	95.4		ug/L		95	24 - 159	4	17
Benzo[g,h,i]perylene			100	96.0		ug/L		96	1 - 219	7	19
Benzo[k]fluoranthene			100	83.9		ug/L		84	11 - 162	7	19
Bis(2-chloroethoxy)methane			100	76.6		ug/L		77	33 - 184	5	23
Bis(2-chloroethyl)ether			100	75.4		ug/L		75	12 - 158	4	33
Bis(2-ethylhexyl) phthalate			100	96.8		ug/L		97	8 - 158	4	15
Butyl benzyl phthalate			100	97.1		ug/L		97	1 - 152	4	15
Chrysene			100	99.9		ug/L		100	17 - 168	4	15
Dibenz(a,h)anthracene			100	97.1		ug/L		97	1 - 227	5	18
Diethyl phthalate			100	89.5		ug/L		89	1 - 114	4	15
Dimethyl phthalate			100	87.2		ug/L		87	1 - 112	3	15
Di-n-butyl phthalate			100	88.7		ug/L		89	1 - 118	8	15
Di-n-octyl phthalate			100	97.6		ug/L		98	4 - 146	2	15
Fluoranthene			100	87.8		ug/L		88	26 - 137	6	15
Fluorene			100	91.1		ug/L		91	59 - 121	5	18
Hexachlorobenzene			100	83.1		ug/L		83	1 - 152	9	15
Hexachlorocyclopentadiene			100	76.1		ug/L		76	5 - 120	2	50
Hexachloroethane			100	70.4		ug/L		70	40 - 113	7	43
Indeno[1,2,3-cd]pyrene			100	98.3		ug/L		98	1 - 171	6	17
Isophorone			100	82.2		ug/L		82	21 - 196	5	21
Naphthalene			100	78.8		ug/L		79	21 - 133	6	31
Nitrobenzene			100	79.8		ug/L		80	35 - 180	3	27
N-Nitrosodi-n-propylamine			100	83.0		ug/L		83	1 - 230	6	23
N-Nitrosodiphenylamine			100	101		ug/L		101	54 - 125	7	15
Pentachlorophenol			100	98.6		ug/L		99	14 - 176	9	21
Phenanthrene			100	87.5		ug/L		88	54 - 120	7	16
Phenol			100	41.7		ug/L		42	5 - 112	15	36
Pyrene			100	96.3		ug/L		96	52 - 115	4	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*52 - 151*
2-Fluorobiphenyl	*86*		*44 - 120*
2-Fluorophenol	*54*		*17 - 120*
Nitrobenzene-d5	*85*		*42 - 120*
Phenol-d5	*38*		*10 - 120*
p-Terphenyl-d14	*97*		*22 - 125*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-11864/1-A
Matrix: Water
Analysis Batch: 12099

Client Sample ID: MB 480-11864/1-A
Prep Type: Total/NA
Prep Batch: 11864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0017	mg/L		04/13/11 12:15	04/14/11 10:56	1

Lab Sample ID: LCS 480-11864/2-A
Matrix: Water
Analysis Batch: 12099

Client Sample ID: LCS 480-11864/2-A
Prep Type: Total/NA
Prep Batch: 11864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	0.200	0.198		mg/L		99	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-12032/1-A
Matrix: Water
Analysis Batch: 12273

Client Sample ID: MB 480-12032/1-A
Prep Type: Total/NA
Prep Batch: 12032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/14/11 11:00	04/14/11 16:48	1

Lab Sample ID: LCS 480-12032/2-A
Matrix: Water
Analysis Batch: 12273

Client Sample ID: LCS 480-12032/2-A
Prep Type: Total/NA
Prep Batch: 12032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00667	0.00678		mg/L		102	85 - 115

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 480-12654/1-A
Matrix: Water
Analysis Batch: 12743

Client Sample ID: MB 480-12654/1-A
Prep Type: Total/NA
Prep Batch: 12654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		04/18/11 20:32	04/19/11 10:44	1

Lab Sample ID: LCS 480-12654/2-A
Matrix: Water
Analysis Batch: 12743

Client Sample ID: LCS 480-12654/2-A
Prep Type: Total/NA
Prep Batch: 12654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.250	0.259		mg/L		104	90 - 110

Lab Sample ID: 480-3634-1 DU
Matrix: Water
Analysis Batch: 12743

Client Sample ID: 001
Prep Type: Total/NA
Prep Batch: 12654

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.15		0.263	F	mg/L		58	15

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

TestAmerica Job ID: 480-3634-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-11845/1
Matrix: Water
Analysis Batch: 11845

Client Sample ID: LCS 480-11845/1
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: 12760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-3634-3	001 voa comp	Total/NA	Water	624	
LCS 480-12760/4	LCS 480-12760/4	Total/NA	Water	624	
MB 480-12760/5	MB 480-12760/5	Total/NA	Water	624	

GC/MS Semi VOA

Analysis Batch: 12292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12419/1-A	MB 480-12419/1-A	Total/NA	Water	625	12419
LCS 480-12419/2-A	LCS 480-12419/2-A	Total/NA	Water	625	12419
LCSD 480-12419/3-A	LCSD 480-12419/3-A	Total/NA	Water	625	12419
480-3634-1	001	Total/NA	Water	625	12419

Prep Batch: 12419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12419/1-A	MB 480-12419/1-A	Total/NA	Water	625	
LCS 480-12419/2-A	LCS 480-12419/2-A	Total/NA	Water	625	
480-3634-1	001	Total/NA	Water	625	
LCSD 480-12419/3-A	LCSD 480-12419/3-A	Total/NA	Water	625	

Metals

Prep Batch: 11864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-11864/1-A	MB 480-11864/1-A	Total/NA	Water	200.7	
LCS 480-11864/2-A	LCS 480-11864/2-A	Total/NA	Water	200.7	
480-3634-1	001	Total/NA	Water	200.7	

Prep Batch: 12032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12032/1-A	MB 480-12032/1-A	Total/NA	Water	245.1	
LCS 480-12032/2-A	LCS 480-12032/2-A	Total/NA	Water	245.1	
480-3634-1	001	Total/NA	Water	245.1	

Analysis Batch: 12099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-11864/1-A	MB 480-11864/1-A	Total/NA	Water	200.7 Rev 4.4	11864
LCS 480-11864/2-A	LCS 480-11864/2-A	Total/NA	Water	200.7 Rev 4.4	11864
480-3634-1	001	Total/NA	Water	200.7 Rev 4.4	11864

Analysis Batch: 12273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12032/1-A	MB 480-12032/1-A	Total/NA	Water	245.1	12032
LCS 480-12032/2-A	LCS 480-12032/2-A	Total/NA	Water	245.1	12032
480-3634-1	001	Total/NA	Water	245.1	12032

General Chemistry

Analysis Batch: 11845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-11845/1	LCS 480-11845/1	Total/NA	Water	SM 4500 H+ B	
480-3634-1	001	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Prep Batch: 12654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-12654/1-A	MB 480-12654/1-A	Total/NA	Water	Distill/CN	
480-3634-1 DU	001	Total/NA	Water	Distill/CN	
LCS 480-12654/2-A	LCS 480-12654/2-A	Total/NA	Water	Distill/CN	
480-3634-1	001	Total/NA	Water	Distill/CN	

Analysis Batch: 12743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-12654/2-A	LCS 480-12654/2-A	Total/NA	Water	335.4	12654
480-3634-1	001	Total/NA	Water	335.4	12654
480-3634-1 DU	001	Total/NA	Water	335.4	12654
MB 480-12654/1-A	MB 480-12654/1-A	Total/NA	Water	335.4	12654

Lab Chronicle

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

TestAmerica Job ID: 480-3634-1

Client Sample ID: 001

Lab Sample ID: 480-3634-1

Date Collected: 04/11/11 14:00

Matrix: Water

Date Received: 04/12/11 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	625			12419	04/16/11 09:24	KV	TestAmerica Buffalo
Total/NA	Analysis	625		1	12292	04/17/11 09:39	MP	TestAmerica Buffalo
Total/NA	Prep	200.7			11864	04/13/11 12:15	MM	TestAmerica Buffalo
Total/NA	Analysis	200.7 Rev 4.4		1	12099	04/14/11 11:06	LH	TestAmerica Buffalo
Total/NA	Prep	245.1			12032	04/14/11 11:00	MM	TestAmerica Buffalo
Total/NA	Analysis	245.1		1	12273	04/14/11 17:10	MM	TestAmerica Buffalo
Total/NA	Analysis	SM 4500 H+ B		1	11845	04/13/11 01:11	RL	TestAmerica Buffalo
Total/NA	Prep	Distill/CN			12654	04/18/11 20:32	ML	TestAmerica Buffalo
Total/NA	Analysis	335.4		1	12743	04/19/11 11:37	JM	TestAmerica Buffalo

Client Sample ID: 001 voa comp

Lab Sample ID: 480-3634-3

Date Collected: 04/11/11 14:00

Matrix: Water

Date Received: 04/12/11 13:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	12760	04/19/11 18:19	TRB	TestAmerica Buffalo

Certification Summary

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

TestAmerica Job ID: 480-3634-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo		USDA		P330-08-00242
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	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: 480-3634-1

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: 480-3634-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-3634-1	001	Water	04/11/11 14:00	04/12/11 13:05
480-3634-3	001 voa comp	Water	04/11/11 14:00	04/12/11 13:05

TestAmerica Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Andrew Janik	Site Contact: Brent Miller/484-645-2301	Date: 4-11-11	COC No:
Groundwater & Environmental Services, Inc.	Tel/Fax: 484-325-0280	Lab Contact: Denise Giglia	Carrier:	1 of 1 COCs
158 Sonwil Drive	Analysis Turnaround Time			Job No
Cheektowaga, NY 14225	Calendar (C) or Work Days (W) C			
Phone ~~716-706-0074~~ 800 287 7857	TAT if different from Below			SDG No.
Fax 716-706-0078	☒ 2 WEEKS			
Project Name: Bristol-Myers Squibb Monthly Sample	☐ 1 week			
Site: 100 Forest Ave Buffalo NY 14213	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	pH,624,625,T-Cn,T-Hg,T-Zn	Sample Specific Notes:
001	4-11-11	0800	Grab	Aqueous	3		X	Composit all one liter glass at lab and preserve appropriately
001	4-11-11	1000	Grab	Aqueous	3		X	VOA vials are to be composited at lab.
001	4-11-11	1200	Grab	Aqueous	3		X	12 total (4 - 1 liter Unpreserved Amber Glass & 8 40 ml HCL preserved VOA's)
001	4-11-11	1400	Grab	Aqueous	3		X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments: **PLEASE EMAIL RESULTS TO: jsiniscalchi@GESONLINE.COM**

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time
[signature]	GES	4-11-11/1415	[signature]	BFLO	04-12-11 12:45
Relinquished by: [signature]	Company: BFLO	Date/Time: 04-12-11 13:05	Received by: [signature]	Company: T+B Courier	Date/Time: 4/12/11 1305
Relinquished by: [signature]	Company:	Date/Time:	Received by: [signature]	Company:	Date/Time:

4.9°

04/26/2011

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-3634-1

Login Number: 3634
List Number: 1
Creator: Wienke, Robert

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.	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	Non detect

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
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TestAmerica Job ID: 480-4817-1
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:
05/23/2011 03:16:35 PM
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Table of Contents

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.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
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: 480-4817-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-4817-1

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 5/13/11 as requested on the chain-of-custody: VOC COMP (480-4817-6).

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 625: The surrogate recovery for p-Terphenyl-d14 in the following sample was outside the upper control limit: (MB 480-16010/1-A). The sample was biased high and the sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 625: The precision , or relative percent difference (RPD), of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 16010 exceeded control limits for multiple analytes. The spike recoveries were within quality control acceptance limits, therefore re-extraction and re-analysis was not required.

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: 480-4817-1

Client Sample ID: SVOC COMP — **Lab Sample ID: 480-4817-1**

No Detections.

Client Sample ID: VOC COMP — **Lab Sample ID: 480-4817-6**

No Detections.

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

TestAmerica Job ID: 480-4817-1

Client Sample ID: SVOC COMP
Date Collected: 05/11/11 14:00
Date Received: 05/11/11 14:20

Lab Sample ID: 480-4817-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		05/13/11 09:08	05/15/11 06:38	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		05/13/11 09:08	05/15/11 06:38	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		05/13/11 09:08	05/15/11 06:38	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		05/13/11 09:08	05/15/11 06:38	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,4-Dimethylphenol	ND	*	5.0	0.13	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,4-Dinitrophenol	ND	*	10	0.84	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,4-Dinitrotoluene	ND	*	5.0	0.26	ug/L		05/13/11 09:08	05/15/11 06:38	1
2,6-Dinitrotoluene	ND	*	5.0	0.72	ug/L		05/13/11 09:08	05/15/11 06:38	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		05/13/11 09:08	05/15/11 06:38	1
2-Chlorophenol	ND		5.0	0.16	ug/L		05/13/11 09:08	05/15/11 06:38	1
2-Nitrophenol	ND		5.0	0.14	ug/L		05/13/11 09:08	05/15/11 06:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		05/13/11 09:08	05/15/11 06:38	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		05/13/11 09:08	05/15/11 06:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 06:38	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		05/13/11 09:08	05/15/11 06:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		05/13/11 09:08	05/15/11 06:38	1
4-Nitrophenol	ND		10	1.3	ug/L		05/13/11 09:08	05/15/11 06:38	1
Acenaphthene	ND		5.0	0.060	ug/L		05/13/11 09:08	05/15/11 06:38	1
Acenaphthylene	ND		5.0	0.034	ug/L		05/13/11 09:08	05/15/11 06:38	1
Anthracene	ND		5.0	0.052	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzidine	ND		80	2.5	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		05/13/11 09:08	05/15/11 06:38	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		05/13/11 09:08	05/15/11 06:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		05/13/11 09:08	05/15/11 06:38	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		05/13/11 09:08	05/15/11 06:38	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		05/13/11 09:08	05/15/11 06:38	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		05/13/11 09:08	05/15/11 06:38	1
Chrysene	ND		5.0	0.036	ug/L		05/13/11 09:08	05/15/11 06:38	1
Decane	ND		10	1.6	ug/L		05/13/11 09:08	05/15/11 06:38	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		05/13/11 09:08	05/15/11 06:38	1
Diethyl phthalate	ND		5.0	0.17	ug/L		05/13/11 09:08	05/15/11 06:38	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		05/13/11 09:08	05/15/11 06:38	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		05/13/11 09:08	05/15/11 06:38	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		05/13/11 09:08	05/15/11 06:38	1
Fluoranthene	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 06:38	1
Fluorene	ND		5.0	0.043	ug/L		05/13/11 09:08	05/15/11 06:38	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		05/13/11 09:08	05/15/11 06:38	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		05/13/11 09:08	05/15/11 06:38	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		05/13/11 09:08	05/15/11 06:38	1
Hexachloroethane	ND		5.0	0.48	ug/L		05/13/11 09:08	05/15/11 06:38	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		05/13/11 09:08	05/15/11 06:38	1
Isophorone	ND		5.0	0.16	ug/L		05/13/11 09:08	05/15/11 06:38	1

Client: Groundwater & Environmental Services Inc
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TestAmerica Job ID: 480-4817-1

Client Sample ID: SVOC COMP

Lab Sample ID: 480-4817-1

Date Collected: 05/11/11 14:00

Matrix: Water

Date Received: 05/11/11 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0	0.080	ug/L		05/13/11 09:08	05/15/11 06:38	1
Nitrobenzene	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 06:38	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		05/13/11 09:08	05/15/11 06:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		05/13/11 09:08	05/15/11 06:38	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		05/13/11 09:08	05/15/11 06:38	1
n-Octadecane	ND		10	0.70	ug/L		05/13/11 09:08	05/15/11 06:38	1
Pentachlorophenol	ND		10	0.41	ug/L		05/13/11 09:08	05/15/11 06:38	1
Phenanthrene	ND		5.0	0.071	ug/L		05/13/11 09:08	05/15/11 06:38	1
Phenol	ND		5.0	0.12	ug/L		05/13/11 09:08	05/15/11 06:38	1
Pyrene	ND		5.0	0.041	ug/L		05/13/11 09:08	05/15/11 06:38	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*52 - 151*	*05/13/11 09:08*	*05/15/11 06:38*	*1*
2-Fluorobiphenyl	*62*		*44 - 120*	*05/13/11 09:08*	*05/15/11 06:38*	*1*
2-Fluorophenol	*28*		*17 - 120*	*05/13/11 09:08*	*05/15/11 06:38*	*1*
Nitrobenzene-d5	*52*		*42 - 120*	*05/13/11 09:08*	*05/15/11 06:38*	*1*
Phenol-d5	*22*		*10 - 120*	*05/13/11 09:08*	*05/15/11 06:38*	*1*
p-Terphenyl-d14	*65*		*22 - 125*	*05/13/11 09:08*	*05/15/11 06:38*	*1*

Client Sample ID: VOC COMP

Lab Sample ID: 480-4817-6

Date Collected: 05/11/11 14:00

Matrix: Water

Date Received: 05/11/11 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/14/11 00:05	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/14/11 00:05	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/14/11 00:05	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/14/11 00:05	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/14/11 00:05	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/14/11 00:05	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/14/11 00:05	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/14/11 00:05	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/14/11 00:05	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/14/11 00:05	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/14/11 00:05	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/14/11 00:05	1
Acrolein	ND		100	17	ug/L			05/14/11 00:05	1
Acrylonitrile	ND		25	1.9	ug/L			05/14/11 00:05	1
Benzene	ND		5.0	0.60	ug/L			05/14/11 00:05	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/14/11 00:05	1
Bromoform	ND		5.0	0.47	ug/L			05/14/11 00:05	1
Bromomethane	ND		5.0	1.2	ug/L			05/14/11 00:05	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/14/11 00:05	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/14/11 00:05	1
Chloroethane	ND		5.0	0.87	ug/L			05/14/11 00:05	1
Chloroform	ND		5.0	0.54	ug/L			05/14/11 00:05	1
Chloromethane	ND		5.0	0.64	ug/L			05/14/11 00:05	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/14/11 00:05	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/14/11 00:05	1

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

TestAmerica Job ID: 480-4817-1

Client Sample ID: VOC COMP
Date Collected: 05/11/11 14:00
Date Received: 05/11/11 14:20

Lab Sample ID: 480-4817-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	ND		5.0	0.61	ug/L			05/14/11 00:05	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/14/11 00:05	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/14/11 00:05	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/14/11 00:05	1
Toluene	ND		5.0	0.45	ug/L			05/14/11 00:05	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/14/11 00:05	1
Trichloroethene	ND		5.0	0.60	ug/L			05/14/11 00:05	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/14/11 00:05	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/14/11 00:05	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*05/14/11 00:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*69 - 121*		*05/14/11 00:05*	*1*
Toluene-d8 (Surr)	*95*		*70 - 123*		*05/14/11 00:05*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-4817-1

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)
480-4817-6	VOC COMP	104	98	95
LCS 480-16090/3	LCS 480-16090/3	103	96	96
MB 480-16090/4	MB 480-16090/4	103	95	95

Surrogate Legend

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

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

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

		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)
480-4817-1	SVOC COMP	82	62	28	52	22	65
LCS 480-16010/2-A	LCS 480-16010/2-A	109	91	47	83	35	106
LCSD 480-16010/3-A	LCSD 480-16010/3-A	104	87	50	87	37	124
MB 480-16010/1-A	MB 480-16010/1-A	103	80	36	71	27	135 X

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 480-16090/4
Matrix: Water
Analysis Batch: 16090

Client Sample ID: MB 480-16090/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/13/11 15:44	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/13/11 15:44	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/13/11 15:44	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/13/11 15:44	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/13/11 15:44	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/13/11 15:44	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/13/11 15:44	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/13/11 15:44	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/13/11 15:44	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/13/11 15:44	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/13/11 15:44	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/13/11 15:44	1
Acrolein	ND		100	17	ug/L			05/13/11 15:44	1
Acrylonitrile	ND		25	1.9	ug/L			05/13/11 15:44	1
Benzene	ND		5.0	0.60	ug/L			05/13/11 15:44	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/13/11 15:44	1
Bromoform	ND		5.0	0.47	ug/L			05/13/11 15:44	1
Bromomethane	ND		5.0	1.2	ug/L			05/13/11 15:44	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/13/11 15:44	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/13/11 15:44	1
Chloroethane	ND		5.0	0.87	ug/L			05/13/11 15:44	1
Chloroform	ND		5.0	0.54	ug/L			05/13/11 15:44	1
Chloromethane	ND		5.0	0.64	ug/L			05/13/11 15:44	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/13/11 15:44	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/13/11 15:44	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			05/13/11 15:44	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/13/11 15:44	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/13/11 15:44	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/13/11 15:44	1
Toluene	ND		5.0	0.45	ug/L			05/13/11 15:44	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/13/11 15:44	1
Trichloroethene	ND		5.0	0.60	ug/L			05/13/11 15:44	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/13/11 15:44	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/13/11 15:44	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*05/13/11 15:44*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*05/13/11 15:44*	*1*
Toluene-d8 (Surr)	*95*		*70 - 123*		*05/13/11 15:44*	*1*

Lab Sample ID: LCS 480-16090/3
Matrix: Water
Analysis Batch: 16090

Client Sample ID: LCS 480-16090/3
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1-Trichloroethane	20.0	18.3		ug/L		91	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	61 - 140
1,1,2-Trichloroethane	20.0	18.3		ug/L		91	71 - 129
1,1-Dichloroethane	20.0	17.4		ug/L		87	73 - 128

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

Lab Sample ID: LCS 480-16090/3
Matrix: Water
Analysis Batch: 16090

Client Sample ID: LCS 480-16090/3
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloroethene	20.0	14.7		ug/L		74	51 - 150
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	63 - 137
1,2-Dichloroethane	20.0	19.1		ug/L		95	68 - 132
1,2-Dichloropropane	20.0	18.7		ug/L		93	34 - 166
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	73 - 127
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	63 - 137
2-Chloroethyl vinyl ether	100	123		ug/L		123	1 - 224
Benzene	20.0	18.8		ug/L		94	64 - 136
Bromodichloromethane	20.0	19.5		ug/L		97	66 - 135
Bromoform	20.0	19.2		ug/L		96	71 - 129
Bromomethane	20.0	20.8		ug/L		104	14 - 186
Carbon tetrachloride	20.0	18.8		ug/L		94	73 - 127
Chlorobenzene	20.0	19.0		ug/L		95	66 - 134
Chloroethane	20.0	22.4		ug/L		112	38 - 162
Chloroform	20.0	18.7		ug/L		94	68 - 133
Chloromethane	20.0	18.8		ug/L		94	1 - 204
cis-1,3-Dichloropropene	20.0	19.3		ug/L		96	24 - 176
Dibromochloromethane	20.0	18.9		ug/L		95	68 - 133
Ethylbenzene	20.0	19.3		ug/L		97	59 - 141
Methylene Chloride	20.0	16.4		ug/L		82	61 - 140
Tetrachloroethene	20.0	18.3		ug/L		92	74 - 127
Toluene	20.0	18.6		ug/L		93	75 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	50 - 150
Trichloroethene	20.0	18.2		ug/L		91	67 - 134
Trichlorofluoromethane	20.0	21.4		ug/L		107	48 - 152
Vinyl chloride	20.0	20.9		ug/L		104	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
4-Bromofluorobenzene (Surr)	*96*		*69 - 121*
Toluene-d8 (Surr)	*96*		*70 - 123*

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

Lab Sample ID: MB 480-16010/1-A
Matrix: Water
Analysis Batch: 16191

Client Sample ID: MB 480-16010/1-A
Prep Type: Total/NA
Prep Batch: 16010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		05/13/11 09:08	05/15/11 01:32	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		05/13/11 09:08	05/15/11 01:32	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		05/13/11 09:08	05/15/11 01:32	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		05/13/11 09:08	05/15/11 01:32	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		05/13/11 09:08	05/15/11 01:32	1

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

Lab Sample ID: MB 480-16010/1-A
Matrix: Water
Analysis Batch: 16191

Client Sample ID: MB 480-16010/1-A
Prep Type: Total/NA
Prep Batch: 16010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		05/13/11 09:08	05/15/11 01:32	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		05/13/11 09:08	05/15/11 01:32	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		05/13/11 09:08	05/15/11 01:32	1
2-Chlorophenol	ND		5.0	0.16	ug/L		05/13/11 09:08	05/15/11 01:32	1
2-Nitrophenol	ND		5.0	0.14	ug/L		05/13/11 09:08	05/15/11 01:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		05/13/11 09:08	05/15/11 01:32	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		05/13/11 09:08	05/15/11 01:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 01:32	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		05/13/11 09:08	05/15/11 01:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		05/13/11 09:08	05/15/11 01:32	1
4-Nitrophenol	ND		10	1.3	ug/L		05/13/11 09:08	05/15/11 01:32	1
Acenaphthene	ND		5.0	0.060	ug/L		05/13/11 09:08	05/15/11 01:32	1
Acenaphthylene	ND		5.0	0.034	ug/L		05/13/11 09:08	05/15/11 01:32	1
Anthracene	ND		5.0	0.052	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzidine	ND		80	2.5	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		05/13/11 09:08	05/15/11 01:32	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		05/13/11 09:08	05/15/11 01:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		05/13/11 09:08	05/15/11 01:32	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		05/13/11 09:08	05/15/11 01:32	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		05/13/11 09:08	05/15/11 01:32	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		05/13/11 09:08	05/15/11 01:32	1
Chrysene	ND		5.0	0.036	ug/L		05/13/11 09:08	05/15/11 01:32	1
Decane	ND		10	1.6	ug/L		05/13/11 09:08	05/15/11 01:32	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		05/13/11 09:08	05/15/11 01:32	1
Diethyl phthalate	ND		5.0	0.17	ug/L		05/13/11 09:08	05/15/11 01:32	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		05/13/11 09:08	05/15/11 01:32	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		05/13/11 09:08	05/15/11 01:32	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		05/13/11 09:08	05/15/11 01:32	1
Fluoranthene	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 01:32	1
Fluorene	ND		5.0	0.043	ug/L		05/13/11 09:08	05/15/11 01:32	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		05/13/11 09:08	05/15/11 01:32	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		05/13/11 09:08	05/15/11 01:32	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		05/13/11 09:08	05/15/11 01:32	1
Hexachloroethane	ND		5.0	0.48	ug/L		05/13/11 09:08	05/15/11 01:32	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		05/13/11 09:08	05/15/11 01:32	1
Isophorone	ND		5.0	0.16	ug/L		05/13/11 09:08	05/15/11 01:32	1
Naphthalene	ND		5.0	0.080	ug/L		05/13/11 09:08	05/15/11 01:32	1
Nitrobenzene	ND		5.0	0.11	ug/L		05/13/11 09:08	05/15/11 01:32	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		05/13/11 09:08	05/15/11 01:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		05/13/11 09:08	05/15/11 01:32	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		05/13/11 09:08	05/15/11 01:32	1
n-Octadecane	ND		10	0.70	ug/L		05/13/11 09:08	05/15/11 01:32	1
Pentachlorophenol	ND		10	0.41	ug/L		05/13/11 09:08	05/15/11 01:32	1
Phenanthrene	ND		5.0	0.071	ug/L		05/13/11 09:08	05/15/11 01:32	1
Phenol	ND		5.0	0.12	ug/L		05/13/11 09:08	05/15/11 01:32	1
Pyrene	ND		5.0	0.041	ug/L		05/13/11 09:08	05/15/11 01:32	1

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

Lab Sample ID: MB 480-16010/1-A
Matrix: Water
Analysis Batch: 16191

Client Sample ID: MB 480-16010/1-A
Prep Type: Total/NA
Prep Batch: 16010

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	*103*		*52 - 151*	*05/13/11 09:08*	*05/15/11 01:32*	*1*
2-Fluorobiphenyl	*80*		*44 - 120*	*05/13/11 09:08*	*05/15/11 01:32*	*1*
2-Fluorophenol	*36*		*17 - 120*	*05/13/11 09:08*	*05/15/11 01:32*	*1*
Nitrobenzene-d5	*71*		*42 - 120*	*05/13/11 09:08*	*05/15/11 01:32*	*1*
Phenol-d5	*27*		*10 - 120*	*05/13/11 09:08*	*05/15/11 01:32*	*1*
p-Terphenyl-d14	*135*	*X*	*22 - 125*	*05/13/11 09:08*	*05/15/11 01:32*	*1*

Lab Sample ID: LCS 480-16010/2-A
Matrix: Water
Analysis Batch: 16993

Client Sample ID: LCS 480-16010/2-A
Prep Type: Total/NA
Prep Batch: 16010

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	68.8		ug/L		69	44 - 142
1,2-Dichlorobenzene	100	62.0		ug/L		62	32 - 129
1,3-Dichlorobenzene	100	60.4		ug/L		60	1 - 172
1,4-Dichlorobenzene	100	60.2		ug/L		60	20 - 124
2,2'-Oxybis(1-chloropropane)	100	73.1		ug/L		73	36 - 166
2,4,6-Trichlorophenol	100	93.0		ug/L		93	37 - 144
2,4-Dichlorophenol	100	85.8		ug/L		86	39 - 135
2,4-Dimethylphenol	100	76.3		ug/L		76	32 - 119
2,4-Dinitrophenol	100	129		ug/L		129	1 - 191
2,4-Dinitrotoluene	100	118		ug/L		118	39 - 139
2,6-Dinitrotoluene	100	119		ug/L		119	50 - 158
2-Chloronaphthalene	100	83.5		ug/L		84	60 - 118
2-Chlorophenol	100	70.7		ug/L		71	23 - 134
2-Nitrophenol	100	93.7		ug/L		94	29 - 182
3,3'-Dichlorobenzidine	100	86.0		ug/L		86	1 - 262
4,6-Dinitro-2-methylphenol	100	127		ug/L		127	1 - 181
4-Bromophenyl phenyl ether	100	92.1		ug/L		92	53 - 127
4-Chloro-3-methylphenol	100	95.9		ug/L		96	22 - 147
4-Chlorophenyl phenyl ether	100	95.2		ug/L		95	25 - 158
4-Nitrophenol	100	55.5		ug/L		56	1 - 132
Acenaphthene	100	89.6		ug/L		90	47 - 145
Acenaphthylene	100	92.0		ug/L		92	33 - 145
Anthracene	100	96.9		ug/L		97	27 - 133
Benzo[a]anthracene	100	97.8		ug/L		98	33 - 143
Benzo[a]pyrene	100	95.4		ug/L		95	17 - 163
Benzo[b]fluoranthene	100	91.2		ug/L		91	24 - 159
Benzo[g,h,i]perylene	100	109		ug/L		109	1 - 219
Benzo[k]fluoranthene	100	101		ug/L		101	11 - 162
Bis(2-chloroethoxy)methane	100	79.5		ug/L		80	33 - 184
Bis(2-chloroethyl)ether	100	72.8		ug/L		73	12 - 158
Bis(2-ethylhexyl) phthalate	100	101		ug/L		101	8 - 158
Butyl benzyl phthalate	100	96.4		ug/L		96	1 - 152
Chrysene	100	96.8		ug/L		97	17 - 168
Dibenz(a,h)anthracene	100	111		ug/L		111	1 - 227
Diethyl phthalate	100	100		ug/L		100	1 - 114
Dimethyl phthalate	100	95.1		ug/L		95	1 - 112
Di-n-butyl phthalate	100	102		ug/L		102	1 - 118

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

Lab Sample ID: LCS 480-16010/2-A
Matrix: Water
Analysis Batch: 16993

Client Sample ID: LCS 480-16010/2-A
Prep Type: Total/NA
Prep Batch: 16010

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	97.7		ug/L		98	26 - 137
Fluorene	100	96.2		ug/L		96	59 - 121
Hexachlorobenzene	100	94.3		ug/L		94	1 - 152
Hexachlorocyclopentadiene	100	73.9		ug/L		74	5 - 120
Hexachloroethane	100	57.6		ug/L		58	40 - 113
Indeno[1,2,3-cd]pyrene	100	109		ug/L		109	1 - 171
Isophorone	100	84.1		ug/L		84	21 - 196
Naphthalene	100	74.5		ug/L		75	21 - 133
Nitrobenzene	100	81.9		ug/L		82	35 - 180
N-Nitrosodi-n-propylamine	100	86.1		ug/L		86	1 - 230
N-Nitrosodiphenylamine	100	100		ug/L		100	54 - 125
Pentachlorophenol	100	114		ug/L		114	14 - 176
Phenanthrene	100	96.2		ug/L		96	54 - 120
Phenol	100	33.5		ug/L		34	5 - 112
Pyrene	100	96.3		ug/L		96	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 151*
2-Fluorobiphenyl	*91*		*44 - 120*
2-Fluorophenol	*47*		*17 - 120*
Nitrobenzene-d5	*83*		*42 - 120*
Phenol-d5	*35*		*10 - 120*
p-Terphenyl-d14	*106*		*22 - 125*

Lab Sample ID: LCSD 480-16010/3-A
Matrix: Water
Analysis Batch: 16191

Client Sample ID: LCSD 480-16010/3-A
Prep Type: Total/NA
Prep Batch: 16010

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	78.3		ug/L		78	44 - 142	13	34
1,2-Dichlorobenzene	100	70.6		ug/L		71	32 - 129	13	38
1,3-Dichlorobenzene	100	68.9		ug/L		69	1 - 172	13	37
1,4-Dichlorobenzene	100	69.3		ug/L		69	20 - 124	14	40
2,2'-Oxybis(1-chloropropane)	100	86.6		ug/L		87	36 - 166	17	36
2,4,6-Trichlorophenol	100	92.6		ug/L		93	37 - 144	0	20
2,4-Dichlorophenol	100	93.6		ug/L		94	39 - 135	9	23
2,4-Dimethylphenol	100	95.1	*	ug/L		95	32 - 119	22	18
2,4-Dinitrophenol	100	73.4	*	ug/L		73	1 - 191	55	29
2,4-Dinitrotoluene	100	93.6	*	ug/L		94	39 - 139	23	20
2,6-Dinitrotoluene	100	99.0	*	ug/L		99	50 - 158	19	17
2-Chloronaphthalene	100	85.9		ug/L		86	60 - 118	3	30
2-Chlorophenol	100	83.6		ug/L		84	23 - 134	17	26
2-Nitrophenol	100	97.1		ug/L		97	29 - 182	4	28
3,3'-Dichlorobenzidine	100	83.5		ug/L		84	1 - 262	3	31
4,6-Dinitro-2-methylphenol	100	97.9		ug/L		98	1 - 181	26	30
4-Bromophenyl phenyl ether	100	93.3		ug/L		93	53 - 127	1	16
4-Chloro-3-methylphenol	100	100		ug/L		100	22 - 147	4	16
4-Chlorophenyl phenyl ether	100	98.5		ug/L		99	25 - 158	3	15

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

Lab Sample ID: LCSD 480-16010/3-A
Matrix: Water
Analysis Batch: 16191

Client Sample ID: LCSD 480-16010/3-A
Prep Type: Total/NA
Prep Batch: 16010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol			100	63.3		ug/L		63	1 - 132	13	24
Acenaphthene			100	90.5		ug/L		91	47 - 145	1	25
Acenaphthylene			100	92.8		ug/L		93	33 - 145	1	22
Anthracene			100	95.3		ug/L		95	27 - 133	2	15
Benzo[a]anthracene			100	98.3		ug/L		98	33 - 143	1	15
Benzo[a]pyrene			100	91.5		ug/L		92	17 - 163	4	15
Benzo[b]fluoranthene			100	84.4		ug/L		84	24 - 159	8	17
Benzo[g,h,i]perylene			100	101		ug/L		101	1 - 219	8	19
Benzo[k]fluoranthene			100	96.1		ug/L		96	11 - 162	5	19
Bis(2-chloroethoxy)methane			100	89.0		ug/L		89	33 - 184	11	23
Bis(2-chloroethyl)ether			100	87.3		ug/L		87	12 - 158	18	33
Bis(2-ethylhexyl) phthalate			100	105		ug/L		105	8 - 158	4	15
Butyl benzyl phthalate			100	105		ug/L		105	1 - 152	8	15
Chrysene			100	96.2		ug/L		96	17 - 168	1	15
Dibenz(a,h)anthracene			100	103		ug/L		103	1 - 227	7	18
Diethyl phthalate			100	97.3		ug/L		97	1 - 114	3	15
Dimethyl phthalate			100	94.6		ug/L		95	1 - 112	1	15
Di-n-butyl phthalate			100	93.7		ug/L		94	1 - 118	8	15
Di-n-octyl phthalate			100	106		ug/L		106	4 - 146	2	15
Fluoranthene			100	85.1		ug/L		85	26 - 137	14	15
Fluorene			100	96.1		ug/L		96	59 - 121	0	18
Hexachlorobenzene			100	91.8		ug/L		92	1 - 152	3	15
Hexachlorocyclopentadiene			100	80.0		ug/L		80	5 - 120	8	50
Hexachloroethane			100	70.5		ug/L		71	40 - 113	20	43
Indeno[1,2,3-cd]pyrene			100	101		ug/L		101	1 - 171	7	17
Isophorone			100	95.2		ug/L		95	21 - 196	12	21
Naphthalene			100	83.6		ug/L		84	21 - 133	12	31
Nitrobenzene			100	88.4		ug/L		88	35 - 180	8	27
N-Nitrosodi-n-propylamine			100	90.4		ug/L		90	1 - 230	5	23
N-Nitrosodiphenylamine			100	98.6		ug/L		99	54 - 125	2	15
Pentachlorophenol			100	104		ug/L		104	14 - 176	10	21
Phenanthrene			100	96.1		ug/L		96	54 - 120	0	16
Phenol			100	43.8		ug/L		44	5 - 112	27	36
Pyrene			100	110		ug/L		110	52 - 115	13	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*87*		*44 - 120*
2-Fluorophenol	*50*		*17 - 120*
Nitrobenzene-d5	*87*		*42 - 120*
Phenol-d5	*37*		*10 - 120*
p-Terphenyl-d14	*124*		*22 - 125*

QC Association Summary

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

TestAmerica Job ID: 480-4817-1

GC/MS VOA

Analysis Batch: 16090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-16090/3	LCS 480-16090/3	Total/NA	Water	624	
MB 480-16090/4	MB 480-16090/4	Total/NA	Water	624	
480-4817-6	VOC COMP	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 16010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-16010/1-A	MB 480-16010/1-A	Total/NA	Water	625	
LCS 480-16010/2-A	LCS 480-16010/2-A	Total/NA	Water	625	
LCSD 480-16010/3-A	LCSD 480-16010/3-A	Total/NA	Water	625	
480-4817-1	SVOC COMP	Total/NA	Water	625	

Analysis Batch: 16191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-16010/1-A	MB 480-16010/1-A	Total/NA	Water	625	16010
LCSD 480-16010/3-A	LCSD 480-16010/3-A	Total/NA	Water	625	16010
480-4817-1	SVOC COMP	Total/NA	Water	625	16010

Analysis Batch: 16993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-16010/2-A	LCS 480-16010/2-A	Total/NA	Water	625	16010

Lab Chronicle

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

TestAmerica Job ID: 480-4817-1

Client Sample ID: SVOC COMP

Lab Sample ID: 480-4817-1

Date Collected: 05/11/11 14:00

Matrix: Water

Date Received: 05/11/11 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	625			16010	05/13/11 09:08	KV	TAL BUF
Total/NA	Analysis	625		1	16191	05/15/11 06:38	RMM	TAL BUF

Client Sample ID: VOC COMP

Lab Sample ID: 480-4817-6

Date Collected: 05/11/11 14:00

Matrix: Water

Date Received: 05/11/11 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	16090	05/14/11 00:05	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: 480-4817-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo		USDA		P330-08-00242
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	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: 480-4817-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	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.

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: 480-4817-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-4817-1	SVOC COMP	Water	05/11/11 14:00	05/11/11 14:20
480-4817-6	VOC COMP	Water	05/11/11 14:00	05/11/11 14:20

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: 480-11994-1915.1
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):			
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 - 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 (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624_5ml - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
001	5-11-11	0800	G	Water			3	2		
001	5-11-11	1000	G	Water			3	2		
001	5-11-11	1200	G	Water			3	2		
001	5-11-11	1400	G	Water			3	2		

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: 5-11-11 / 1420	Company: GES	Received by:	Date/Time: 5-11-11 1420	Company: GES
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 5.2

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-4817-1

Login Number: 4817
List Number: 1
Creator: Wienke, Robert

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 SVOC/VOC
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	Non detect

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: 480-5913-1
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:
06/19/2011 09:33:45 PM

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

Table of Contents

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

TestAmerica Job ID: 480-5913-1

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: 480-5913-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-5913-1

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 6/13/11 as requested on the chain-of-custody: 001 COMP (480-5913-6).

No other analytical or quality issues were noted.

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

Organic Prep
Method 625: The following sample was composited by the laboratory on 06/14/2011 as requested on the chain-of-custody: 001 COMP (480-5913-6).

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-5913-1

Client Sample ID: 001 COMP **Lab Sample ID: 480-5913-6**

No Detections.

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

TestAmerica Job ID: 480-5913-1

Client Sample ID: 001 COMP
Date Collected: 06/08/11 14:30
Date Received: 06/09/11 12:15

Lab Sample ID: 480-5913-6
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	0.38	ug/L			06/13/11 22:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/13/11 22:25	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/13/11 22:25	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/13/11 22:25	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/13/11 22:25	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/13/11 22:25	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/13/11 22:25	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/13/11 22:25	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/13/11 22:25	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/13/11 22:25	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/13/11 22:25	1
2-Chloroethyl vinyl ether	ND		25	1.8	ug/L			06/13/11 22:25	1
Acrolein	ND		100	17	ug/L			06/13/11 22:25	1
Acrylonitrile	ND		25	1.9	ug/L			06/13/11 22:25	1
Benzene	ND		5.0	0.60	ug/L			06/13/11 22:25	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/13/11 22:25	1
Bromoform	ND		5.0	0.47	ug/L			06/13/11 22:25	1
Bromomethane	ND		5.0	1.2	ug/L			06/13/11 22:25	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/13/11 22:25	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/13/11 22:25	1
Chloroethane	ND		5.0	0.87	ug/L			06/13/11 22:25	1
Chloroform	ND		5.0	0.54	ug/L			06/13/11 22:25	1
Chloromethane	ND		5.0	0.64	ug/L			06/13/11 22:25	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/13/11 22:25	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/13/11 22:25	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			06/13/11 22:25	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/13/11 22:25	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/13/11 22:25	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/13/11 22:25	1
Toluene	ND		5.0	0.45	ug/L			06/13/11 22:25	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/13/11 22:25	1
Trichloroethene	ND		5.0	0.60	ug/L			06/13/11 22:25	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/13/11 22:25	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/13/11 22:25	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*06/13/11 22:25*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*06/13/11 22:25*	*1*
Toluene-d8 (Surr)	*81*		*70 - 123*		*06/13/11 22:25*	*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	0.49	ug/L		06/14/11 08:45	06/16/11 22:44	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		06/14/11 08:45	06/16/11 22:44	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		06/14/11 08:45	06/16/11 22:44	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		06/14/11 08:45	06/16/11 22:44	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		06/14/11 08:45	06/16/11 22:44	1

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

TestAmerica Job ID: 480-5913-1

Client Sample ID: 001 COMP
Date Collected: 06/08/11 14:30
Date Received: 06/09/11 12:15

Lab Sample ID: 480-5913-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	0.84	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		06/14/11 08:45	06/16/11 22:44	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		06/14/11 08:45	06/16/11 22:44	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		06/14/11 08:45	06/16/11 22:44	1
2-Chlorophenol	ND		5.0	0.16	ug/L		06/14/11 08:45	06/16/11 22:44	1
2-Nitrophenol	ND		5.0	0.14	ug/L		06/14/11 08:45	06/16/11 22:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/14/11 08:45	06/16/11 22:44	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		06/14/11 08:45	06/16/11 22:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 22:44	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		06/14/11 08:45	06/16/11 22:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		06/14/11 08:45	06/16/11 22:44	1
4-Nitrophenol	ND		10	1.3	ug/L		06/14/11 08:45	06/16/11 22:44	1
Acenaphthene	ND		5.0	0.060	ug/L		06/14/11 08:45	06/16/11 22:44	1
Acenaphthylene	ND		5.0	0.034	ug/L		06/14/11 08:45	06/16/11 22:44	1
Anthracene	ND		5.0	0.052	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzidine	ND		80	2.5	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		06/14/11 08:45	06/16/11 22:44	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		06/14/11 08:45	06/16/11 22:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		06/14/11 08:45	06/16/11 22:44	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		06/14/11 08:45	06/16/11 22:44	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		06/14/11 08:45	06/16/11 22:44	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		06/14/11 08:45	06/16/11 22:44	1
Chrysene	ND		5.0	0.036	ug/L		06/14/11 08:45	06/16/11 22:44	1
Decane	ND		10	1.6	ug/L		06/14/11 08:45	06/16/11 22:44	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		06/14/11 08:45	06/16/11 22:44	1
Diethyl phthalate	ND		5.0	0.17	ug/L		06/14/11 08:45	06/16/11 22:44	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		06/14/11 08:45	06/16/11 22:44	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		06/14/11 08:45	06/16/11 22:44	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		06/14/11 08:45	06/16/11 22:44	1
Fluoranthene	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 22:44	1
Fluorene	ND		5.0	0.043	ug/L		06/14/11 08:45	06/16/11 22:44	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		06/14/11 08:45	06/16/11 22:44	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		06/14/11 08:45	06/16/11 22:44	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		06/14/11 08:45	06/16/11 22:44	1
Hexachloroethane	ND		5.0	0.48	ug/L		06/14/11 08:45	06/16/11 22:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		06/14/11 08:45	06/16/11 22:44	1
Isophorone	ND		5.0	0.16	ug/L		06/14/11 08:45	06/16/11 22:44	1
Naphthalene	ND		5.0	0.080	ug/L		06/14/11 08:45	06/16/11 22:44	1
Nitrobenzene	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 22:44	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		06/14/11 08:45	06/16/11 22:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		06/14/11 08:45	06/16/11 22:44	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/14/11 08:45	06/16/11 22:44	1
n-Octadecane	ND		10	0.70	ug/L		06/14/11 08:45	06/16/11 22:44	1
Pentachlorophenol	ND		10	0.41	ug/L		06/14/11 08:45	06/16/11 22:44	1
Phenanthrene	ND		5.0	0.071	ug/L		06/14/11 08:45	06/16/11 22:44	1
Phenol	ND		5.0	0.12	ug/L		06/14/11 08:45	06/16/11 22:44	1
Pyrene	ND		5.0	0.041	ug/L		06/14/11 08:45	06/16/11 22:44	1

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

TestAmerica Job ID: 480-5913-1

Client Sample ID: 001 COMP
Date Collected: 06/08/11 14:30
Date Received: 06/09/11 12:15

Lab Sample ID: 480-5913-6
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	133		52 - 151	06/14/11 08:45	06/16/11 22:44	1
2-Fluorobiphenyl	91		44 - 120	06/14/11 08:45	06/16/11 22:44	1
2-Fluorophenol	48		17 - 120	06/14/11 08:45	06/16/11 22:44	1
Nitrobenzene-d5	86		42 - 120	06/14/11 08:45	06/16/11 22:44	1
Phenol-d5	33		10 - 120	06/14/11 08:45	06/16/11 22:44	1
p-Terphenyl-d14	111		22 - 125	06/14/11 08:45	06/16/11 22:44	1

Surrogate Summary

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

TestAmerica Job ID: 480-5913-1

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)						
480-5913-6	001 COMP	101	99	81						
LCS 480-19739/4	Lab Control Sample	97	100	87						
MB 480-19739/5	Method Blank	99	99	84						

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)		
480-5913-6	001 COMP	133	91	48	86	33	111		
LCS 480-19852/2-A	Lab Control Sample	121	106	64	100	44	115		
LCSD 480-19852/3-A	Lab Control Sample Dup	121	103	59	97	44	112		
MB 480-19852/1-A	Method Blank	108	88	44	79	32	107		

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 480-19739/5
Matrix: Water
Analysis Batch: 19739

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	0.38	ug/L			06/13/11 12:47	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			06/13/11 12:47	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/13/11 12:47	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/13/11 12:47	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			06/13/11 12:47	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			06/13/11 12:47	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/13/11 12:47	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/13/11 12:47	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			06/13/11 12:47	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			06/13/11 12:47	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			06/13/11 12:47	1
2-Chloroethyl vinyl ether	ND		25	1.8	ug/L			06/13/11 12:47	1
Acrolein	ND		100	17	ug/L			06/13/11 12:47	1
Acrylonitrile	ND		25	1.9	ug/L			06/13/11 12:47	1
Benzene	ND		5.0	0.60	ug/L			06/13/11 12:47	1
Bromodichloromethane	ND		5.0	0.54	ug/L			06/13/11 12:47	1
Bromoform	ND		5.0	0.47	ug/L			06/13/11 12:47	1
Bromomethane	ND		5.0	1.2	ug/L			06/13/11 12:47	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/13/11 12:47	1
Chlorobenzene	ND		5.0	0.48	ug/L			06/13/11 12:47	1
Chloroethane	ND		5.0	0.87	ug/L			06/13/11 12:47	1
Chloroform	ND		5.0	0.54	ug/L			06/13/11 12:47	1
Chloromethane	ND		5.0	0.64	ug/L			06/13/11 12:47	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			06/13/11 12:47	1
Dibromochloromethane	ND		5.0	0.41	ug/L			06/13/11 12:47	1
Ethyl methacrylate	ND		5.0	0.61	ug/L			06/13/11 12:47	1
Ethylbenzene	ND		5.0	0.46	ug/L			06/13/11 12:47	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/13/11 12:47	1
Tetrachloroethene	ND		5.0	0.34	ug/L			06/13/11 12:47	1
Toluene	ND		5.0	0.45	ug/L			06/13/11 12:47	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			06/13/11 12:47	1
Trichloroethene	ND		5.0	0.60	ug/L			06/13/11 12:47	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			06/13/11 12:47	1
Vinyl chloride	ND		5.0	0.75	ug/L			06/13/11 12:47	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*06/13/11 12:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*69 - 121*		*06/13/11 12:47*	*1*
Toluene-d8 (Surr)	*84*		*70 - 123*		*06/13/11 12:47*	*1*

Lab Sample ID: LCS 480-19739/4
Matrix: Water
Analysis Batch: 19739

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	23.0		ug/L		115	75 - 125
1,1,2,2-Tetrachloroethane	20.0	14.1		ug/L		70	61 - 140
1,1,2-Trichloroethane	20.0	16.7		ug/L		84	71 - 129
1,1-Dichloroethane	20.0	19.6		ug/L		98	73 - 128

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

Lab Sample ID: LCS 480-19739/4
Matrix: Water
Analysis Batch: 19739

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	20.4		ug/L		102	51 - 150
1,2-Dichlorobenzene	20.0	16.0		ug/L		80	63 - 137
1,2-Dichloroethane	20.0	20.5		ug/L		102	68 - 132
1,2-Dichloropropane	20.0	18.8		ug/L		94	34 - 166
1,3-Dichlorobenzene	20.0	16.5		ug/L		82	73 - 127
1,4-Dichlorobenzene	20.0	15.8		ug/L		79	63 - 137
2-Chloroethyl vinyl ether	100	112		ug/L		112	1 - 224
Benzene	20.0	20.0		ug/L		100	64 - 136
Bromodichloromethane	20.0	22.7		ug/L		114	66 - 135
Bromoform	20.0	21.8		ug/L		109	71 - 129
Bromomethane	20.0	28.6		ug/L		143	14 - 186
Carbon tetrachloride	20.0	24.8		ug/L		124	73 - 127
Chlorobenzene	20.0	17.5		ug/L		88	66 - 134
Chloroethane	20.0	30.0		ug/L		150	38 - 162
Chloroform	20.0	21.6		ug/L		108	68 - 133
Chloromethane	20.0	18.6		ug/L		93	1 - 204
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	24 - 176
Dibromochloromethane	20.0	20.4		ug/L		102	68 - 133
Ethylbenzene	20.0	18.0		ug/L		90	59 - 141
Methylene Chloride	20.0	20.5		ug/L		102	61 - 140
Tetrachloroethene	20.0	19.1		ug/L		96	74 - 127
Toluene	20.0	16.9		ug/L		84	75 - 126
trans-1,3-Dichloropropene	20.0	15.8		ug/L		79	50 - 150
Trichloroethene	20.0	20.8		ug/L		104	67 - 134
Trichlorofluoromethane	20.0	25.3		ug/L		126	48 - 152
Vinyl chloride	20.0	19.1		ug/L		96	4 - 196

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
4-Bromofluorobenzene (Surr)	*100*		*69 - 121*
Toluene-d8 (Surr)	*87*		*70 - 123*

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

Lab Sample ID: MB 480-19852/1-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.49	ug/L		06/14/11 08:45	06/16/11 16:54	1
1,2-Dichlorobenzene	ND		10	0.15	ug/L		06/14/11 08:45	06/16/11 16:54	1
1,2-Diphenylhydrazine	ND		10	0.063	ug/L		06/14/11 08:45	06/16/11 16:54	1
1,3-Dichlorobenzene	ND		10	0.069	ug/L		06/14/11 08:45	06/16/11 16:54	1
1,4-Dichlorobenzene	ND		10	0.090	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.086	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,4-Dichlorophenol	ND		5.0	0.30	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,4-Dimethylphenol	ND		5.0	0.13	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,4-Dinitrophenol	ND		10	0.84	ug/L		06/14/11 08:45	06/16/11 16:54	1

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

Lab Sample ID: MB 480-19852/1-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L		06/14/11 08:45	06/16/11 16:54	1
2,6-Dinitrotoluene	ND		5.0	0.72	ug/L		06/14/11 08:45	06/16/11 16:54	1
2-Chloronaphthalene	ND		5.0	0.068	ug/L		06/14/11 08:45	06/16/11 16:54	1
2-Chlorophenol	ND		5.0	0.16	ug/L		06/14/11 08:45	06/16/11 16:54	1
2-Nitrophenol	ND		5.0	0.14	ug/L		06/14/11 08:45	06/16/11 16:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/14/11 08:45	06/16/11 16:54	1
4,6-Dinitro-2-methylphenol	ND		10	0.76	ug/L		06/14/11 08:45	06/16/11 16:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 16:54	1
4-Chloro-3-methylphenol	ND		5.0	0.56	ug/L		06/14/11 08:45	06/16/11 16:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L		06/14/11 08:45	06/16/11 16:54	1
4-Nitrophenol	ND		10	1.3	ug/L		06/14/11 08:45	06/16/11 16:54	1
Acenaphthene	ND		5.0	0.060	ug/L		06/14/11 08:45	06/16/11 16:54	1
Acenaphthylene	ND		5.0	0.034	ug/L		06/14/11 08:45	06/16/11 16:54	1
Anthracene	ND		5.0	0.052	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzidine	ND		80	2.5	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzo[a]anthracene	ND		5.0	0.043	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzo[a]pyrene	ND		5.0	0.058	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzo[b]fluoranthene	ND		5.0	0.062	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzo[g,h,i]perylene	ND		5.0	0.10	ug/L		06/14/11 08:45	06/16/11 16:54	1
Benzo[k]fluoranthene	ND		5.0	0.042	ug/L		06/14/11 08:45	06/16/11 16:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.085	ug/L		06/14/11 08:45	06/16/11 16:54	1
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L		06/14/11 08:45	06/16/11 16:54	1
Bis(2-ethylhexyl) phthalate	ND		10	0.86	ug/L		06/14/11 08:45	06/16/11 16:54	1
Butyl benzyl phthalate	ND		5.0	1.3	ug/L		06/14/11 08:45	06/16/11 16:54	1
Chrysene	ND		5.0	0.036	ug/L		06/14/11 08:45	06/16/11 16:54	1
Decane	ND		10	1.6	ug/L		06/14/11 08:45	06/16/11 16:54	1
Dibenz(a,h)anthracene	ND		5.0	0.055	ug/L		06/14/11 08:45	06/16/11 16:54	1
Diethyl phthalate	ND		5.0	0.17	ug/L		06/14/11 08:45	06/16/11 16:54	1
Dimethyl phthalate	ND		5.0	0.17	ug/L		06/14/11 08:45	06/16/11 16:54	1
Di-n-butyl phthalate	ND		5.0	0.94	ug/L		06/14/11 08:45	06/16/11 16:54	1
Di-n-octyl phthalate	ND		5.0	4.5	ug/L		06/14/11 08:45	06/16/11 16:54	1
Fluoranthene	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 16:54	1
Fluorene	ND		5.0	0.043	ug/L		06/14/11 08:45	06/16/11 16:54	1
Hexachlorobenzene	ND		5.0	0.28	ug/L		06/14/11 08:45	06/16/11 16:54	1
Hexachlorobutadiene	ND		5.0	0.62	ug/L		06/14/11 08:45	06/16/11 16:54	1
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L		06/14/11 08:45	06/16/11 16:54	1
Hexachloroethane	ND		5.0	0.48	ug/L		06/14/11 08:45	06/16/11 16:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.19	ug/L		06/14/11 08:45	06/16/11 16:54	1
Isophorone	ND		5.0	0.16	ug/L		06/14/11 08:45	06/16/11 16:54	1
Naphthalene	ND		5.0	0.080	ug/L		06/14/11 08:45	06/16/11 16:54	1
Nitrobenzene	ND		5.0	0.11	ug/L		06/14/11 08:45	06/16/11 16:54	1
N-Nitrosodimethylamine	ND		10	0.96	ug/L		06/14/11 08:45	06/16/11 16:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L		06/14/11 08:45	06/16/11 16:54	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/14/11 08:45	06/16/11 16:54	1
n-Octadecane	ND		10	0.70	ug/L		06/14/11 08:45	06/16/11 16:54	1
Pentachlorophenol	ND		10	0.41	ug/L		06/14/11 08:45	06/16/11 16:54	1
Phenanthrene	ND		5.0	0.071	ug/L		06/14/11 08:45	06/16/11 16:54	1
Phenol	ND		5.0	0.12	ug/L		06/14/11 08:45	06/16/11 16:54	1
Pyrene	ND		5.0	0.041	ug/L		06/14/11 08:45	06/16/11 16:54	1

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

Lab Sample ID: MB 480-19852/1-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19852

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	*108*		*52 - 151*	*06/14/11 08:45*	*06/16/11 16:54*	*1*
2-Fluorobiphenyl	*88*		*44 - 120*	*06/14/11 08:45*	*06/16/11 16:54*	*1*
2-Fluorophenol	*44*		*17 - 120*	*06/14/11 08:45*	*06/16/11 16:54*	*1*
Nitrobenzene-d5	*79*		*42 - 120*	*06/14/11 08:45*	*06/16/11 16:54*	*1*
Phenol-d5	*32*		*10 - 120*	*06/14/11 08:45*	*06/16/11 16:54*	*1*
p-Terphenyl-d14	*107*		*22 - 125*	*06/14/11 08:45*	*06/16/11 16:54*	*1*

Lab Sample ID: LCS 480-19852/2-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2,4-Trichlorobenzene	100	70.1		ug/L		70	44 - 142
1,2-Dichlorobenzene	100	64.5		ug/L		65	32 - 129
1,3-Dichlorobenzene	100	64.5		ug/L		65	1 - 172
1,4-Dichlorobenzene	100	62.1		ug/L		62	20 - 124
2,2'-Oxybis(1-chloropropane)	100	86.5		ug/L		87	36 - 166
2,4,6-Trichlorophenol	100	109		ug/L		109	37 - 144
2,4-Dichlorophenol	100	109		ug/L		109	39 - 135
2,4-Dimethylphenol	100	104		ug/L		104	32 - 119
2,4-Dinitrophenol	100	115		ug/L		115	1 - 191
2,4-Dinitrotoluene	100	111		ug/L		111	39 - 139
2,6-Dinitrotoluene	100	118		ug/L		118	50 - 158
2-Chloronaphthalene	100	87.6		ug/L		88	60 - 118
2-Chlorophenol	100	88.3		ug/L		88	23 - 134
2-Nitrophenol	100	106		ug/L		106	29 - 182
3,3'-Dichlorobenzidine	100	98.9		ug/L		99	1 - 262
4,6-Dinitro-2-methylphenol	100	129		ug/L		129	1 - 181
4-Bromophenyl phenyl ether	100	106		ug/L		106	53 - 127
4-Chloro-3-methylphenol	100	114		ug/L		114	22 - 147
4-Chlorophenyl phenyl ether	100	104		ug/L		104	25 - 158
4-Nitrophenol	100	62.7		ug/L		63	1 - 132
Acenaphthene	100	100		ug/L		100	47 - 145
Acenaphthylene	100	100		ug/L		100	33 - 145
Anthracene	100	110		ug/L		110	27 - 133
Benzo[a]anthracene	100	109		ug/L		109	33 - 143
Benzo[a]pyrene	100	106		ug/L		106	17 - 163
Benzo[b]fluoranthene	100	103		ug/L		103	24 - 159
Benzo[g,h,i]perylene	100	108		ug/L		108	1 - 219
Benzo[k]fluoranthene	100	106		ug/L		106	11 - 162
Bis(2-chloroethoxy)methane	100	102		ug/L		102	33 - 184
Bis(2-chloroethyl)ether	100	86.8		ug/L		87	12 - 158
Bis(2-ethylhexyl) phthalate	100	116		ug/L		116	8 - 158
Butyl benzyl phthalate	100	117		ug/L		117	1 - 152
Chrysene	100	110		ug/L		110	17 - 168
Dibenz(a,h)anthracene	100	113		ug/L		113	1 - 227
Diethyl phthalate	100	113		ug/L		113	1 - 114
Dimethyl phthalate	100	109		ug/L		109	1 - 112
Di-n-butyl phthalate	100	116		ug/L		116	1 - 118

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

Lab Sample ID: LCS 480-19852/2-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	100	123		ug/L		123	4 - 146
Fluoranthene	100	112		ug/L		112	26 - 137
Fluorene	100	108		ug/L		108	59 - 121
Hexachlorobenzene	100	102		ug/L		102	1 - 152
Hexachlorocyclopentadiene	100	73.7		ug/L		74	5 - 120
Hexachloroethane	100	58.3		ug/L		58	40 - 113
Indeno[1,2,3-cd]pyrene	100	111		ug/L		111	1 - 171
Isophorone	100	104		ug/L		104	21 - 196
Naphthalene	100	80.1		ug/L		80	21 - 133
Nitrobenzene	100	92.6		ug/L		93	35 - 180
N-Nitrosodi-n-propylamine	100	102		ug/L		102	1 - 230
N-Nitrosodiphenylamine	100	113		ug/L		113	54 - 125
Pentachlorophenol	100	136		ug/L		136	14 - 176
Phenanthrene	100	108		ug/L		108	54 - 120
Phenol	100	47.1		ug/L		47	5 - 112
Pyrene	100	108		ug/L		108	52 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*
2-Fluorobiphenyl	*106*		*44 - 120*
2-Fluorophenol	*64*		*17 - 120*
Nitrobenzene-d5	*100*		*42 - 120*
Phenol-d5	*44*		*10 - 120*
p-Terphenyl-d14	*115*		*22 - 125*

Lab Sample ID: LCSD 480-19852/3-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 19852

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	71.4		ug/L		71	44 - 142	2	34
1,2-Dichlorobenzene	100	65.4		ug/L		65	32 - 129	1	38
1,3-Dichlorobenzene	100	64.1		ug/L		64	1 - 172	1	37
1,4-Dichlorobenzene	100	63.7		ug/L		64	20 - 124	3	40
2,2'-Oxybis(1-chloropropane)	100	87.3		ug/L		87	36 - 166	1	36
2,4,6-Trichlorophenol	100	108		ug/L		108	37 - 144	1	20
2,4-Dichlorophenol	100	100		ug/L		100	39 - 135	9	23
2,4-Dimethylphenol	100	101		ug/L		101	32 - 119	3	18
2,4-Dinitrophenol	100	114		ug/L		114	1 - 191	1	29
2,4-Dinitrotoluene	100	111		ug/L		111	39 - 139	1	20
2,6-Dinitrotoluene	100	118		ug/L		118	50 - 158	0	17
2-Chloronaphthalene	100	89.6		ug/L		90	60 - 118	2	30
2-Chlorophenol	100	88.0		ug/L		88	23 - 134	0	26
2-Nitrophenol	100	99.7		ug/L		100	29 - 182	6	28
3,3'-Dichlorobenzidine	100	99.3		ug/L		99	1 - 262	0	31
4,6-Dinitro-2-methylphenol	100	131		ug/L		131	1 - 181	2	30
4-Bromophenyl phenyl ether	100	104		ug/L		104	53 - 127	2	16
4-Chloro-3-methylphenol	100	112		ug/L		112	22 - 147	2	16
4-Chlorophenyl phenyl ether	100	102		ug/L		102	25 - 158	3	15

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

Lab Sample ID: LCSD 480-19852/3-A
Matrix: Water
Analysis Batch: 20294

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 19852

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Nitrophenol	100	60.5		ug/L		61	1 - 132	4	24
Acenaphthene	100	99.7		ug/L		100	47 - 145	1	25
Acenaphthylene	100	101		ug/L		101	33 - 145	1	22
Anthracene	100	111		ug/L		111	27 - 133	1	15
Benzo[a]anthracene	100	108		ug/L		108	33 - 143	1	15
Benzo[a]pyrene	100	107		ug/L		107	17 - 163	1	15
Benzo[b]fluoranthene	100	107		ug/L		107	24 - 159	4	17
Benzo[g,h,i]perylene	100	106		ug/L		106	1 - 219	2	19
Benzo[k]fluoranthene	100	104		ug/L		104	11 - 162	2	19
Bis(2-chloroethoxy)methane	100	99.0		ug/L		99	33 - 184	3	23
Bis(2-chloroethyl)ether	100	84.3		ug/L		84	12 - 158	3	33
Bis(2-ethylhexyl) phthalate	100	114		ug/L		114	8 - 158	2	15
Butyl benzyl phthalate	100	115		ug/L		115	1 - 152	2	15
Chrysene	100	107		ug/L		107	17 - 168	2	15
Dibenz(a,h)anthracene	100	110		ug/L		110	1 - 227	2	18
Diethyl phthalate	100	112		ug/L		112	1 - 114	1	15
Dimethyl phthalate	100	106		ug/L		106	1 - 112	3	15
Di-n-butyl phthalate	100	115		ug/L		115	1 - 118	1	15
Di-n-octyl phthalate	100	121		ug/L		121	4 - 146	2	15
Fluoranthene	100	113		ug/L		113	26 - 137	0	15
Fluorene	100	105		ug/L		105	59 - 121	3	18
Hexachlorobenzene	100	103		ug/L		103	1 - 152	0	15
Hexachlorocyclopentadiene	100	80.1		ug/L		80	5 - 120	8	50
Hexachloroethane	100	58.7		ug/L		59	40 - 113	1	43
Indeno[1,2,3-cd]pyrene	100	109		ug/L		109	1 - 171	2	17
Isophorone	100	103		ug/L		103	21 - 196	1	21
Naphthalene	100	82.4		ug/L		82	21 - 133	3	31
Nitrobenzene	100	90.7		ug/L		91	35 - 180	2	27
N-Nitrosodi-n-propylamine	100	101		ug/L		101	1 - 230	1	23
N-Nitrosodiphenylamine	100	114		ug/L		114	54 - 125	1	15
Pentachlorophenol	100	127		ug/L		127	14 - 176	7	21
Phenanthrene	100	108		ug/L		108	54 - 120	0	16
Phenol	100	44.6		ug/L		45	5 - 112	5	36
Pyrene	100	107		ug/L		107	52 - 115	1	15

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*
2-Fluorobiphenyl	*103*		*44 - 120*
2-Fluorophenol	*59*		*17 - 120*
Nitrobenzene-d5	*97*		*42 - 120*
Phenol-d5	*44*		*10 - 120*
p-Terphenyl-d14	*112*		*22 - 125*

QC Association Summary

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

TestAmerica Job ID: 480-5913-1

GC/MS VOA

Analysis Batch: 19739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-19739/4	Lab Control Sample	Total/NA	Water	624	
MB 480-19739/5	Method Blank	Total/NA	Water	624	
480-5913-6	001 COMP	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 19852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-19852/1-A	Method Blank	Total/NA	Water	625	
LCS 480-19852/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-19852/3-A	Lab Control Sample Dup	Total/NA	Water	625	
480-5913-6	001 COMP	Total/NA	Water	625	

Analysis Batch: 20294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-19852/1-A	Method Blank	Total/NA	Water	625	19852
LCS 480-19852/2-A	Lab Control Sample	Total/NA	Water	625	19852
LCSD 480-19852/3-A	Lab Control Sample Dup	Total/NA	Water	625	19852
480-5913-6	001 COMP	Total/NA	Water	625	19852

Lab Chronicle

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

TestAmerica Job ID: 480-5913-1

Client Sample ID: 001 COMP
Date Collected: 06/08/11 14:30
Date Received: 06/09/11 12:15

Lab Sample ID: 480-5913-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	19739	06/13/11 22:25	TRB	TAL BUF
Total/NA	Prep	625			19852	06/14/11 08:45	KV	TAL BUF
Total/NA	Analysis	625		1	20294	06/16/11 22:44	RMM	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: 480-5913-1

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	0	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: 480-5913-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	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.

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: 480-5913-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-5913-6	001 COMP	Water	06/08/11 14:30	06/09/11 12:15

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brent Miller	Lab PM: Giglia, Denise	Carrier Tracking No(s):	COC No: 480-11995-1915.1
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 Sotwil 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)
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#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Sediment, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624_5ml - (MOD) Priority Pollutant List - VOA - 62	625 - (MOD) Priority Pollutant List - SVOA - 6	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
001	6-8-11	0730	G	Water			3	2		
001	6-8-11	0930	G	Water			3	2		
001	6-8-11	1130	G	Water			3	2		
001	6-8-11	1430	G	Water			3	2		

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: 6-8-11 1500	Company: GES	Received by:	Date/Time: 06-09-11 1105	Company: BFLO
Relinquished by:	Date/Time: 06-09-11 1215	Company: BFLO	Received by:	Date/Time: 6/9/11 1215	Company: TAL
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-5913-1

Login Number: 5913
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.	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	

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**
6/15/05	6.6	ND	ND	1.6E-03			927
7/13/05	6.9	ND	ND	5.0E-04	ND	ND	216
8/11/05	7.1	ND	ND	6.0E-04	ND	0.007	234
9/12/05	7.6	ND	ND	7.0E-04	ND	ND	344
10/12/05	7.5	ND	ND	9.0E-04	ND	0.002	449
11/2/05	7.2	ND	ND	6.0E-04	ND	ND	462
12/13/05	7.4	ND	ND	1.0E-03	ND	0.003	705
1/10/06	7.6	1.4E-06	1.4E-04	1.2E-03	ND	ND	869
2/2/06	7.8	1.8E-06	1.8E-04	1.1E-03	ND	ND	1,065
3/2/06	7.6	7.7E-07	3.9E-05	8.9E-04	ND	0.002	463
4/6/06	7.4	7.4E-07	3.7E-05	1.0E-03	ND	ND	446
5/9/06	7.4	4.5E-07	2.5E-05	8.1E-04	ND	ND	269
6/14/06	7.0	4.7E-07	2.3E-05	7.2E-04	ND	0.001	280
7/19/06	7.2	6.4E-07	3.2E-05	7.4E-04	**0.210**	**0.105**	386
8/11/06	7.4	5.1E-07	2.6E-05	6.4E-04	ND	0.0006	309
9/13/06	7.4	5.1E-07	2.6E-05	2.6E-05	ND	ND	309
10/6/06	7.5	1.5E-06	7.4E-05	1.5E-03	ND	**0.017**	883
11/14/06	7.5	5.8E-07	2.9E-05	8.9E-04	ND	0.0004	346
12/1/06	7.5	6.5E-07	3.2E-05	3.6E-04	ND	0.0008	388
1/22/07	7.4	1.1E-06	5.3E-05	6.9E-04	ND	ND	636
2/5/07	7.7	9.2E-07	4.6E-05	1.6E-03	ND	0.0004	551
3/8/07	7.7	7.6E-07	3.8E-05	9.4E-04	ND	0.0008	454
4/12/07	7.5	7.9E-07	4.0E-05	1.0E-03	ND	0.001	476
5/31/07	7.5	4.2E-07	2.1E-05	6.8E-04	ND	0.0001	254
6/12/07	7.2	5.2E-07	2.6E-05	8.3E-04	ND	0.0005	313
7/3/07	7.5	3.1E-07	1.5E-05	5.2E-04	ND	0.0021	185
8/1/07	7.7	5.4E-07	2.7E-05	9.5E-04	ND	ND	326
9/12/07	7.6	2.8E-07	1.4E-05	1.4E-05	ND	0.0001	167
10/17/07	7.6	5.0E-07	2.5E-05	5.0E-04	ND	0.0016	302
11/19/07	7.6	4.8E-07	2.4E-05	5.9E-04	ND	ND	285
12/7/07	7.4	1.5E-06	7.4E-05	1.8E-03	ND	0.0004	893

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**
1/3/08	7.1	1.2E-06	6.1E-05	1.7E-03	ND	0.007	735
2/14/08	7.7	1.3E-06	6.3E-05	1.4E-03	ND	0.0001	754
3/12/08	7.8	7.2E-07	3.6E-05	1.4E-03	ND	0.0004	434
4/11/08	7.7	8.9E-07	4.4E-05	1.6E-03	ND	0.0006	534
5/8/08	7.7	5.5E-07	2.8E-05	7.5E-04	ND	0.001	333
6/12/08	7.6	5.8E-07	2.9E-05	3.5E-04	ND	0.005	351
7/31/08	7.3	6.5E-07	3.3E-05	9.5E-04	ND	**0.016**	392
8/27/08	7.6	5.5E-07	2.8E-05	7.7E-04	ND	0.009	332
9/24/08	7.5	6.6E-07	3.3E-05	1.2E-03	ND	0.0004	397
10/17/08	7.5	3.5E-07	1.8E-05	2.3E-04	ND	ND	212
11/24/08	7.1	5.6E-07	2.8E-05	6.7E-04	ND	ND	334
12/19/09	7.6	1.0E-06	5.1E-05	9.8E-04	ND	0.0009	618
1/8/09	7.6	2.1E-06	1.1E-04	1.7E-03	0.007	0.003	1,285
2/23/09	7.8	6.6E-07	4.9E-05	1.9E-04	ND	ND	395
3/18/09	7.3	1.3E-06	6.7E-05	8.3E-04	0.001	ND	808
4/1/09	7.6	6.5E-07	3.2E-05	4.6E-04	ND	ND	389
5/5/09	7.6	7.4E-08	3.0E-06	3.9E-05	ND	0.001	44
6/1/09	7.8	4.4E-07	5.5E-06	4.8E-04	ND	ND	263
7/21/09	7.8	5.7E-07	2.8E-05	5.3E-04	ND	ND	341
8/6/09	7.7	8.4E-07	3.2E-05	2.2E-04	ND	ND	505
9/2/09	7.9	4.3E-07	3.3E-06	2.6E-04	ND	ND	261
10/2/09	7.4	1.6E-06	3.0E-05	1.3E-03	ND	0.001	984
11/6/09	7.57	9.2E-07	4.6E-05	7.8E-04	ND	ND	550
12/22/09	7.77	1.4E-06	1.9E-05	1.2E-03	ND	0.0006	829
1/21/10	6.4	5.5E-07	1.4E-05	2.7E-04	ND	0.0018	331
2/12/10	7.9	6.2E-07	1.1E-05	5.0E-04	ND	0.0017	372
3/10/10	7.6	7.9E-07	1.3E-05	7.5E-04	ND	0.0012	472
4/8/10	7.9	7.9E-07	4.0E-05	5.7E-04	ND	0.002	476
5/17/10	7.5	8.4E-07	1.2E-05	8.3E-04	ND	0.001	504
6/7/10	7.9	1.2E-06	2.7E-05	1.0E-04	ND	ND	693
7/1/10	8.0	8.6E-07	1.6E-05	4.0E-04	ND	0.0002	519
8/11/10	7.8	2.3E-07	1.2E-05	6.8E-04	ND	0.0014	139
9/3/10	6.7	3.5E-07	4.9E-06	4.6E-04	ND	ND	209
10/11/10	8.0	4.5E-07	2.5E-05	6.1E-04	ND	0.0016	267
11/3/10	7.2	4.1E-07	2.0E-05	2.0E-05	ND	0.0006	244
12/16/10	7.7	3.5E-07	1.7E-05	5.8E-04	0.0019	0.0064	210
1/7/11	8.0	5.3E-07	9.6E-06	6.1E-04	ND	0.0032	NR
2/16/11	7.6	3.5E-07	1.8E-05	4.6E-04	ND	0.0010	211
3/11/11	7.8	7.7E-07	7.7E-06	7.7E-04	ND	ND	460
4/11/11	7.6	9.4E-07	4.7E-05	7.1E-04	ND	0.00120	565
5/11/11	NA	NA	NA	NA	ND	ND	357
6/8/11	NA	NA	NA	NA	ND	ND	228

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.

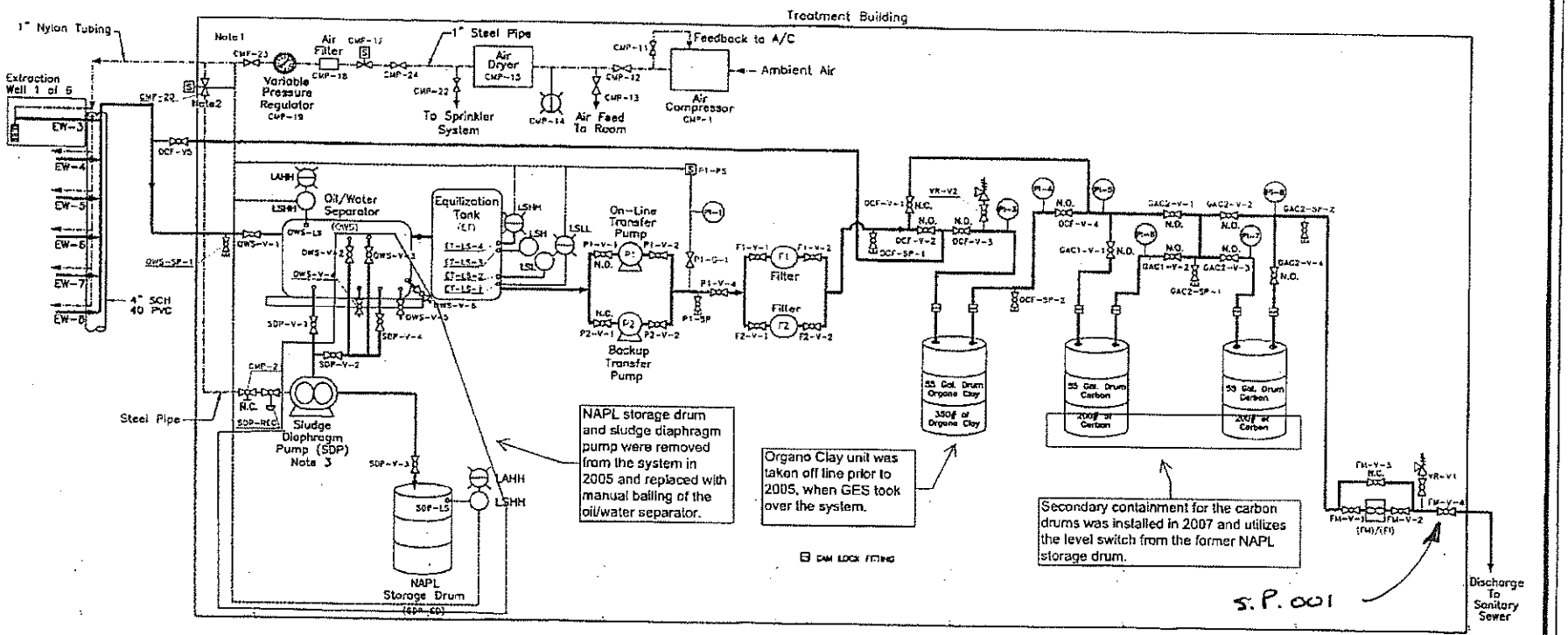
(5) The Master Meter flow meter must be calibrated and certified by a certified Master Meter representative. This certification must be submitted annually with the December quarterly monitoring report.

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 any 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.

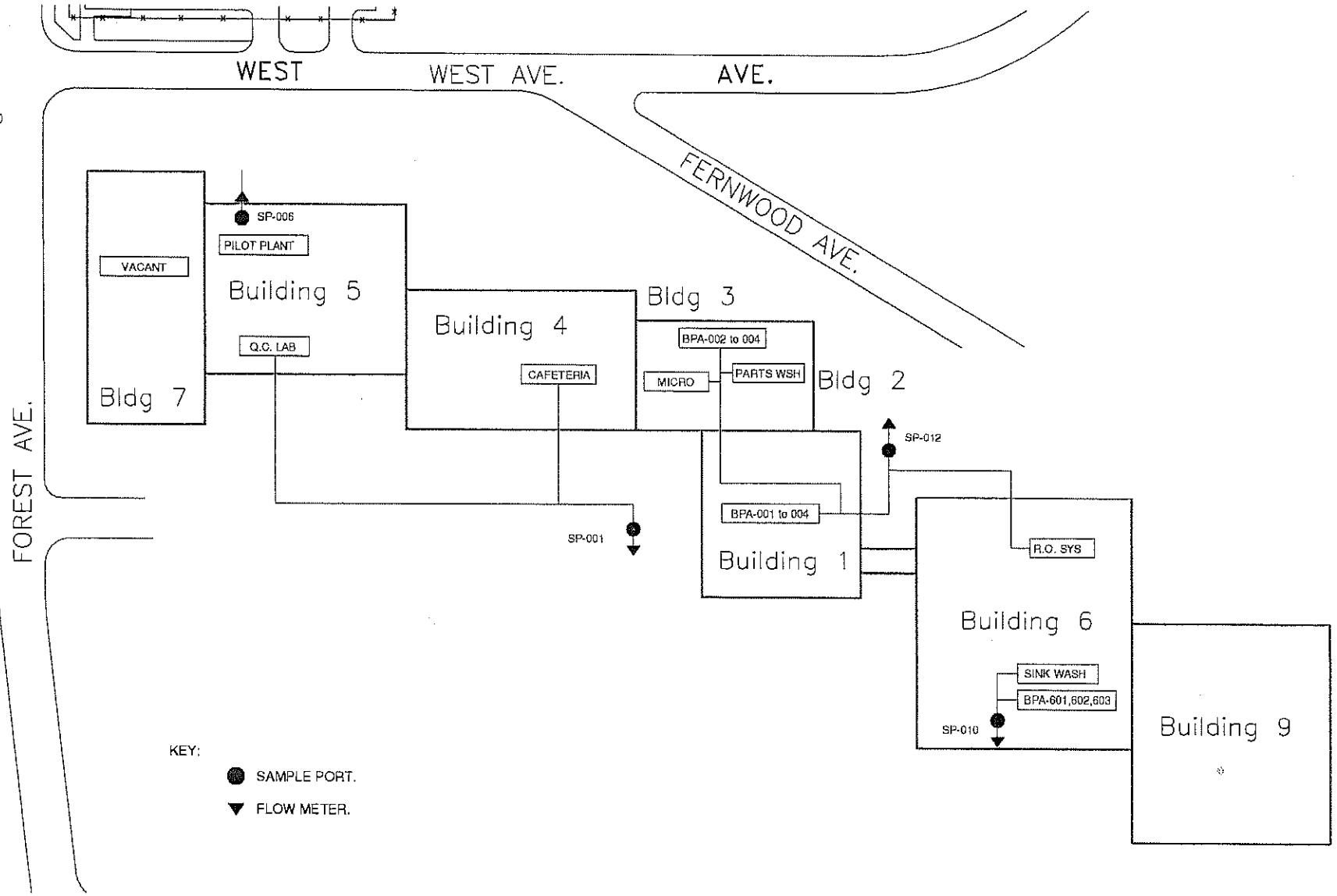
TITLE: PROCESS FLOW DIAGRAM WITH INSTRUMENTATION AND CONTROL LOOPS

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
Copy of February 2011 Hazardous Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 72336090L SCPFW 10/26/2010 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD048391080
2. Page 1 of: 1
3. Emergency Response Phone: (800) 483-3716
4. Manifest Tracking Number: 005[illegible] FLE

RECEIVED MAR 30 2011 GES BUFFALO

5. Generator's Name and Mailing Address
Bristol-Myers Squibb Company Inc.
100 Forest Ave
Buffalo NY 14213
ATTN: Andy Janik

Generator's Site Address (if different than mailing address)
100 Forest Avenue
Buffalo NY 14213

Generator's Phone: (800) 287-7867

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name: Frank Kuhnert Truck Service
U.S. EPA ID Number: NYD[illegible]

8. Designated Facility Name and Site Address
Clean Harbors El Dorado LLC
309 American Circle
El Dorado, AR 71730
Facility's Phone: (870) 863-7173
U.S. EPA ID Number: ARD069748192

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)	1	DM	150	P	D018 B
X	2. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)	2	DM	800	P	D018 B
X	3. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE), 9, PG III / D018	2	DM	400	P	D018 B
X	4. RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)	1	DM	200	P	D018 F003 B

14. Special Handling Instructions and Additional Information
1. 50004941-2 ERG#171
2. 595696 ERG#171
3. CHA528396 ERG#171
4. 595760 ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brent Miller on behalf of BMS
Signature: Brent Miller
Month: 2 Day: 23 Year: 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Steve Rice
Signature:
Month: 2 Day: 23 Year: 11

Transporter 2 Printed/Typed Name: Dennis Henderson
Signature: Dennis Henderson
Month: 2 Day: 23 Year: 11

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040	H040	H040	H040

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible]
Signature: [illegible]
Month: 3 Day: 2[illegible] Year: 1[illegible]

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: AMD049391080

22. Page: 3/3

23. Manifest Tracking Number: 003930744 FLE

24. Generator's Name: Bristol Myers Squibb Company

25. Transporter 2 Company Name: Clean Harbors Environmental Services Inc

U.S. EPA ID Number: MAD039322250

26. Transporter _____ Company Name

U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

TPO

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name: MARCUS

Signature

Month: 03 Day: 27 Year: 11

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NYD048391680	22. Page 2	23. Manifest Tracking Number [illegible]

24. Generator's Name: Bristol Myers Squibb Company Inc

25. Transporter ___ Company Name: Triad Transport — U.S. EPA ID Number: OKD981588791

26. Transporter 4 Company Name: Clean Harbors Env. Serv. Inc — U.S. EPA ID Number: MAD039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

GENERATOR

33. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Terry Owings	Terry Owings	03	15	11

34. Transporter 4 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kelly BRADSHAW (Agent for CHES)	Kelly Bradshaw	3	16	11

TRANSPORTER

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD048391080	1	(800) 483-3718	003939246 FLE

GENERATOR

5. Generator's Name and Mailing Address
Bristol-Myers Squibb Company Inc
~~1350 Scott Drive~~ 100 Forest Ave
~~Cheektowaga NY 14225~~ Buffalo, NY 14213
Generator's Phone: (800) 287-7857 ATTN:Andy Lanik

Generator's Site Address (if different than mailing address)
100 Forest Avenue
Buffalo NY 14213

RECEIVED
MAR 25 2011
GES BUFFALO

6. Transporter 1 Company Name
Clean Harbors Environmental Services Inc
U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name
Envirosolve Transfer Services
U.S. EPA ID Number
NYD982735154

8. Designated Facility Name and Site Address
Safety-Kleen Resource Recovery Inc
4679 Spring Grove Avenue
Cincinnati, OH 45232
Facility's Phone: 513 681-5738
U.S. EPA ID Number
OHD000816629

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (BENZENE NAPHTHALENE), 9, PG III (D018)	1	DM	20	P	D018 F003
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Brent Miller on behalf of BMS	Brent Miller	2	23	11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Steve Ricci		2	23	11
Transporter 2 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**
Thomas Henderson	Thomas Henderson	2	25	11

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
		2	11	11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Site Address : 100 Forest Avenue
Buffalo, NY 14213

RECEIVED
MAR 25 2011
GES BUFFALO

SC PPW 10/26/2010
WORK ORDER NO. 723360901

DOCUMENT NO. 401706

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services Inc VEHICLE ID # ~~535~~ 5290

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 Frantz Vacuum Truck Service Inc VEHICLE ID #

EPA ID # NYD982732814 TRANS. 2 PHONE

DESIGNATED FACILITY Spring Grove Resource Recovery Inc	SHIPPER ATTN: Andy Janik Bristol-Myers Squibb Company Inc
FACILITY EPA ID # OHD000816629	SHIPPER EPA ID # NYD048391080
ADDRESS 4879 Spring Grove Avenue	ADDRESS ~~158 Sonwil Drive~~ 100 Forest Ave
CITY Cincinnati STATE OH ZIP 45232	CITY Buffalo ~~Cheektowaga~~ STATE NY ZIP ~~14225~~ 14213

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1X55	DM		A. NON D.O.T. REGULATED, (ORGANO CLAY-BENTONITE)	400	P
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE #: (800) 483-3718 GENERATOR PHONE#: (800) 287-7857
A.CH460147

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT X Brent M. Miller on behalf of BMS	SIGN	DATE 2-23-11
TRANSPORTER 1	PRINT Steve Ricci	SIGN	DATE 2-23-11
TRANSPORTER 2	PRINT Thomas Henderson	SIGN Thomas Henderson	DATE 2/25/11
RECEIVED BY	PRINT	SIGN	DATE 3/1/11

1

CHI 107