Groundwater
& Environmental Services, Inc.

158 Sonwil Drive, Cheektowaga, New York 14225 • TEL (800) 287-7857 • FAX (716) 706-0078

February 8, 2010

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

RE: Iroquois Gas/Westwood Pharmaceuticals Site
100 Forest Avenue, Buffalo, New York 14213
Site No. 9-15-141A
Periodic Review Report
Second Semi-Annual Report for 2009

Dear Mr. Sadowski:

On behalf of Bristol-Myers Squibb Company, Groundwater & Environmental Services, Inc. (GES) is pleased to submit the attached Periodic Review Report (PRR). The report was prepared in accordance with the PRR General Guidance document provided by the New York State Department of Environmental Conservation and documents the implementation of and compliance with site management requirements for the site. The reporting period encompasses July 1, 2009 through December 31, 2009.

If you have any questions or require additional information, please feel free to contact the undersigned at (800) 287-7857 (ext. 4341).

Thank you.

Regards,

Andrew Janik

Digitally signed by Andrew Janik
DN: cn=Andrew Janik, email=ajanik@cohenlaw.com, c=US
Date: 2010.02.08 15:39:24 -05'00'

Andrew Janik
Project Manager

Jennifer L. Siniscalchi
Case 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
Second Semi-Annual Report for 2009

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

SUBMITTED TO:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION

SUBMITTED BY:

BRISTOL-MYERS SQUIBB COMPANY

PREPARED BY:

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

February 2010

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

EXECUTIVE SUMMARY

INTRODUCTION

This Periodic Review Report (PRR) and Second Semi-Annual Report (2009) for the Iroquois Gas/Westwood Pharmaceutical site summarizes the monitoring, maintenance, and compliance activities conducted from July 1 through December 31, 2009. 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.

Maintenance was performed on various components of the groundwater extraction and treatment systems throughout the reporting period. The maintenance operations were performed as part of scheduled preventive maintenance. In accordance with the treatment system discharge permit for the site, monthly treatment system sample analyses include pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and semi-volatile organic compounds (SVOCs) via USEPA Method 625. Analytical results assist in determining if the treatment system is operating in accordance with design specifications. The data is compared to the Discharge Limitations and Monitoring Requirements outlined in the site specific discharge permit.

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

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

MONITORING SUMMARY

Analytical data for the December 2009 sampling event indicates an overall decrease in BTEX concentrations for all monitoring wells sampled. The most notable impacts were observed in MW-F2 and relatively minor impacts were identified in B-8, MW-F4, and PS-1.

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 attributes the phenomenon 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 below the water elevation of Scajaquada Creek, indicating that hydraulic control is being maintained.

In order to maintain optimal treatment system operation, scheduled maintenance activities were completed in accordance with the O&M Manual during the reporting period on various components of the groundwater treatment system.

GES conducted quarterly cap inspections on September 18, and December 23, 2009. During the inspections, no major problems were noted with regards to vegetative/asphalt cover, settlement, erosion, or drainage controls for the cap.

SYSTEM EFFECTIVENESS

Monthly analytical discharge data for the reporting period indicates that the treatment system has been operating/discharging in accordance with the permitted discharge limits. Approximately six gallons of NAPL were collected during the third quarter of 2009 (July – September) and approximately nine and a half gallons of NAPL were collected during the fourth quarter of 2009 (October – December). Based on the treatment system analytical data and the NAPL recovery for the reporting period, the system is operating as designed.

For the reporting period, approximately 98,040 gallons of groundwater were treated and discharged to the sewer. Approximately 43,260 gallons were treated and discharged during the third quarter 2009 and approximately 54,780 gallons were treated and discharged during the fourth quarter 2009. The treatment system operated at 100% uptime during the reporting period with no equipment failures or system operational alarms.

CONCLUSIONS

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

- Based on the data collected from July 1 through December 31, 2009, all aspects of the remedial systems are operating within design specifications.

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

- A Five-Year Review Report (2003-2007), summarizing remedial efforts, will be submitted by the end of the first quarter 2010.

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 had agreed to maintain the sheet piling barrier wall.

The selected riparian remedy included the following:

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

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

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

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

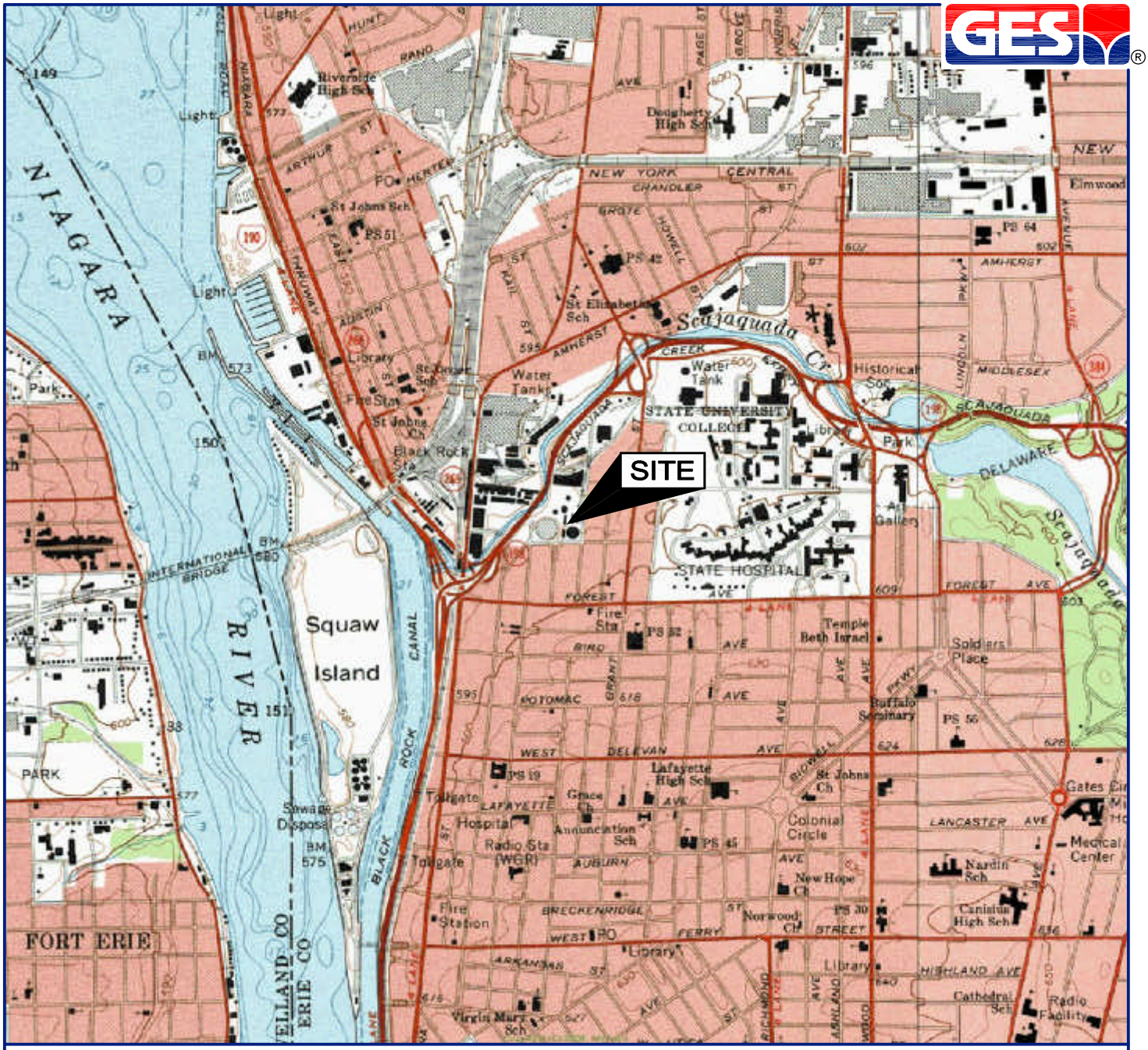
Presently, the environmental monitoring system for groundwater and surface water includes the following:

- Groundwater extraction wells EW-3 through EW-8. These wells were installed to hydraulically control and contain the movement of contaminated groundwater to prevent migration and potential discharge into Scajaquada Creek; and

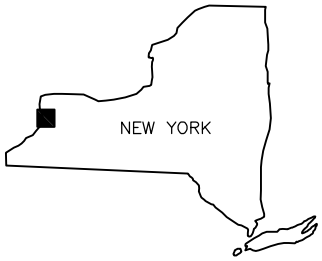
- Piezometers P-1 through P-6. These were installed to measure the hydraulic gradient between the recovery wells and Scajaquada Creek and to monitor the performance of the extraction well system.

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

GeoTrans, Inc. (GeoTrans) of Sterling, Virginia began operation of the remedial groundwater treatment system in 1997 and continued O&M of the system through 2005. In 2005, Groundwater & Environmental Services, Inc. (GES) was retained by Bristol-Myers Squibb Company to continue with the O&M of the system.

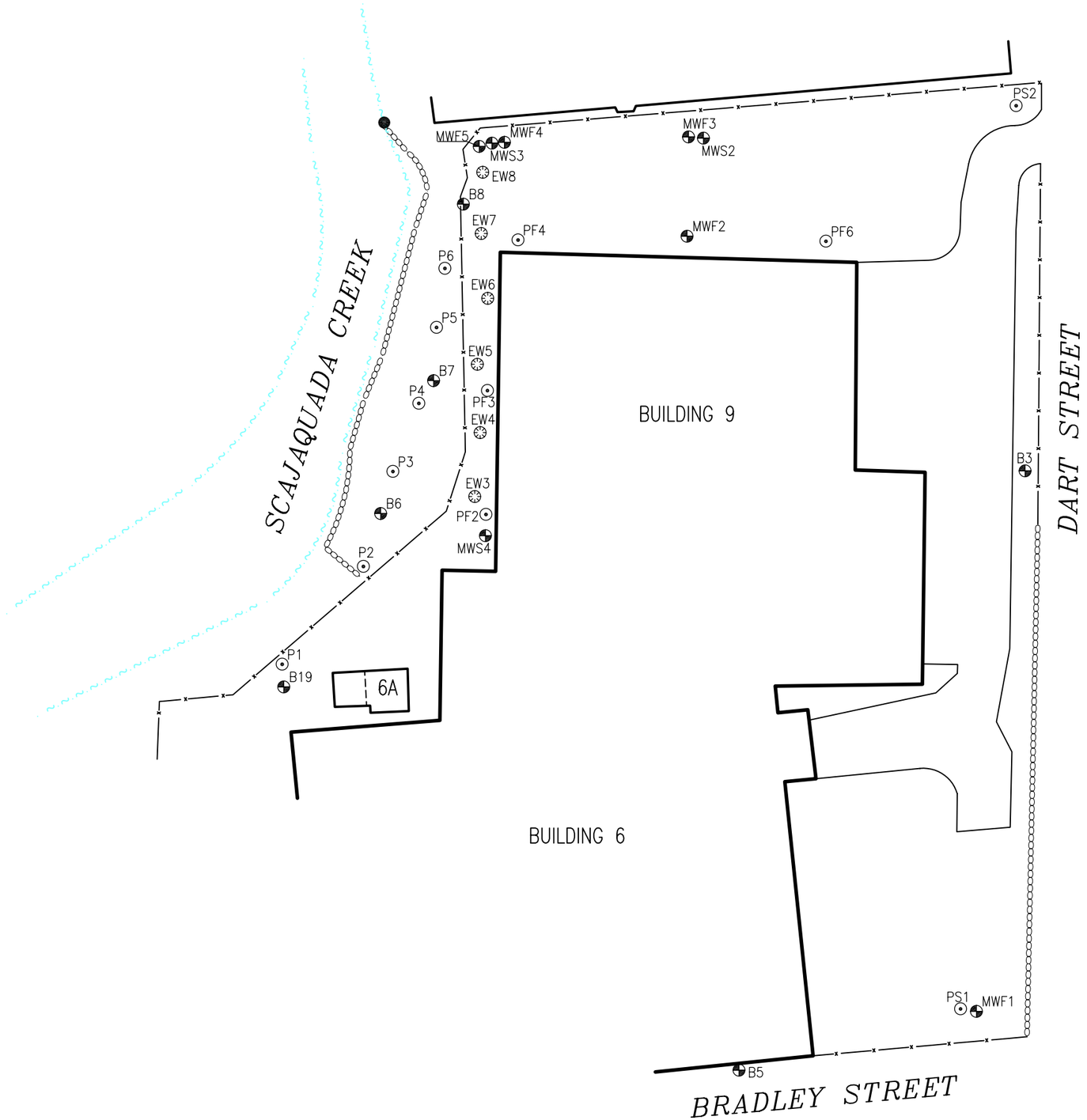


SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1965
BUFFALO, NORTHWEST
CONTOUR INTERVAL = 10'



QUADRANGLE LOCATION

DRAFTED BY: E.M.E. (N.J.)	SITE LOCATION MAP
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 158 SONWIL DRIVE, CHEEKTOWAGA, NEW YORK 14225
SCALE IN FEET: 0 — 2000	DATE: 1-28-10 / FIGURE: 1-1



LEGEND

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

DRAFTED BY: W.G.S. (N.J.)	SITE MAP
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK
REVIEWED BY:	Groundwater & Environmental Services, Inc.
NORTH	SCALE IN FEET: 0 APPROXIMATE 100 / DATE: 1-22-10 / FIGURE: 1-2

M:\Graphics\0900-Buffalo\Misc\Bristol Myers Squibb\Bristol Myers Squibb SM.dwg, 2/21/2006 12:07:13 PM, WShea

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
- Cover System
- Fencing/Access Control
- Groundwater Containment
- 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. The completed Institutional and Engineering Controls Certification Form is provided **Appendix F**.

2.2 GROUNDWATER QUALITY MONITORING

In accordance with the O&M Manual, groundwater quality is evaluated at eight monitoring well locations, including B-3, B-6, B-7, B-8, MW-F2, MW-F3, MW-F4, and PS-1 on a quarterly basis. The monitoring wells were gauged and sampled on December 22, 2009. 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 September and December 2009. 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 2009 water level measurements are provided in **Table 2.2**. A historical water table elevation database is provided in **Appendix C-1** and historical hydrographs for the extraction wells and piezometers are provided in **Appendix C-2**.

2.4 SITE MAINTENANCE

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

In addition to maintenance of the groundwater treatment system, GES is responsible for maintenance of the cap. During this reporting period, inspections were conducted on September 18, and December 23, 2009. During the September and December 2009 cap inspections, no problems were noted in regards to vegetative/asphalt cover, settlement, erosion, or drainage controls for the cap. However, during the September inspection, rodent activity was identified along the drainage swale near extraction well EW-3. The area was backfilled and monitored for any additional disruption. The 2009 Quarterly Cap Inspection Report is provided in **Table 2.4**.

2.5 GROUNDWATER TREATMENT SYSTEM OPERATION & MAINTENANCE

In accordance with the treatment system discharge permit for the site, monthly treatment system samples are collected for laboratory analyses. Monthly analyses include pH, total mercury, total zinc, total cyanide, VOCs via USEPA Method 624, and semi-volatile organic compounds (SVOCs) via USEPA Method 625. Treatment system analytical results from July 1 through December 31, 2009 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 April 30, 2009, one 55-gallon drum containing PPE/miscellaneous debris, two 55-gallon drums containing NAPL that is drained from the oil/water separator on a weekly basis and liquid/sludge from the annual system cleaning, and two spent carbon drums were picked up by Clean Harbors Environmental Services, Inc. of East Syracuse, New York and transported to the Clean Harbors El Dorado LLC facility in El Dorado, Arkansas for disposal. A Hazardous Waste Notification letter, including a copy of the hazardous waste manifest, was submitted to the NYSDEC Division of Solid and Hazardous Materials, Hazardous Waste Notification Section in October 2009. A copy of the hazardous waste manifest is provided in **Appendix G**.

Table 2.1

Institutional and Engineering Controls Summary

Control	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
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	September 2009: Rodent activity was noted during the cap inspection with the NYSDEC along the drainage swale near extraction well EW-3.	The area was backfilled and monitored for any additional disruption
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 the Creek.	Quarterly	None Noted	NA
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

2009 Quarterly Water Level Measurements

WELL NAME	WELL SIZE	3/18/2009 DTW (BTOC)	6/1/2009 DTW (BTOC)	9/18/2009 DTW (BTOC)	12/23/2009 DTW (BTOC)
EW-3	8"	20.71	20.81	20.76	20.51
EW-4	8"	23.39	23.66	23.52	22.60
EW-5	8"	23.57	23.71	23.79	22.70
EW-6	8"	22.31	22.41	22.49	22.65
EW-7	8"	22.49	22.43	22.40	22.11
EW-8	8"	24.12	24.22	23.44	24.12
P-1	2"	14.52	14.27	14.76	14.35
P-2	2"	16.73	16.98	17.44	16.69
P-3	2"	20.67	20.88	20.92	20.63
P-4	2"	21.13	21.45	21.51	21.22
P-5	2"	18.01	18.22	18.81	17.93
P-6	2"	18.97	18.77	19.71	18.49
Creek	NA	12.45	13.40	12.55	12.60

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. Collection of Buffalo Sewer Authority composite sample
2. Test alarm telemetry system for proper operation.
3. Inspect fire extinguishers.
4. Inspect eye wash station.
5. Clean the equalization tank float switches and test for proper operation.
6. 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

2009 Quarterly Cap Inspection Report

DUTY	1Q09 DATE/INITIAL	2Q09 DATE/INITIAL	3Q09 DATE/INITIAL	4Q09 DATE/INITIAL
Inspect clay barrier for cracks and surface channeling	02/23/09 BM	06/01/09 BM	09/18/09 BM	12/23/09 BM
Repair, regrade and/or reseal any surface cracks or imperfections	02/23/09 BM	06/01/09 BM	09/18/09 BM	12/23/09 BM
Inspect asphalt for physical/chemical weathering, cracks, imperfections	02/23/09 BM	06/01/09 BM	09/18/09 BM	12/23/09 BM
Identify and penetration into the surface by animals and roots.	02/23/09 BM	06/01/09 BM	09/18/09 BM	12/23/09 BM
Note any differential settling of cap layers.	02/23/09 BM	06/01/09 BM	09/18/09 BM	12/23/09 BM

Notes:

First Quarter: Cap was mostly snow covered, no deficiencies were noted during the inspection. NYSDEC declined attendance.

Second Quarter: No deficiencies noted during inspection.

Third Quarter: Signs of woodchuck activity by EW-3. Burrow was filled in and will be monitored.

Fourth Quarter: No deficiencies noted during inspection.

SECTION 3
MONITORING SUMMARY

3.1 GROUNDWATER QUALITY

Semi-annual groundwater sampling was conducted on December 22, 2009 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.**

Significant increases in BTEX concentrations were identified in the July 2009 sample in wells B-8, MW-F2, and MW-F4. BTEX concentrations in MW-F2 and MW-F4 were the highest concentrations reported since May 1998. However, analytical data for the December 2009 sampling event indicates an overall decrease in BTEX concentrations for all monitoring wells sampled. The most notable impacts were observed in MW-F2 and relatively minor impacts were identified in B-8, MW-F4, and PS-1.

Based on the December 2009 analytical results, a plausible explanation for the significant peak in BTEX concentrations for the July 2009 sample is that a localized plume of impacted groundwater originated in the vicinity of MW-F2 and migrated with the flow of groundwater towards wells MW-F4 and B-8 and the extraction system. As extraction wells EW-7 and EW-8 are adjacent to both of these wells, and based on the decrease in concentrations through December 2009, we can assume that the groundwater extraction system is effectively capturing the localized plume.

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 three years, are provided in **Figure 3.1** and **Figure 3.2** and the 2009 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 attributes the phenomenon to the mounding of groundwater behind the impermeable vertical sheet piling wall. In reviewing **Figure 3.2** and the historical hydrograph for the extraction wells, water table elevations have historically remained below the water elevation of Scajaquada Creek, indicating that hydraulic control is being 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.

For the reporting period, approximately 98,040 gallons of groundwater was treated and discharged to the sewer. Approximately 43,260 gallons were treated and discharged during the third quarter 2009 and approximately 54,780 gallons were treated and discharged during the fourth quarter 2009. The treatment system operated at 100% uptime during the reporting period with no equipment failures or system operational alarms.

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.** For the reporting period, approximately six gallons of NAPL were collected during the third quarter of 2009 (July – September) and approximately nine and a half gallons of NAPL were collected during the fourth quarter of 2009 (October – December).

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

Table 3.1

Semi-Annual Groundwater Analytical Data Table

	Date	Depth to Water (ft)	pH	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m-, p- Xylene (µg/L)	o-Xylene (µg/L)
B-3	11/25/2008	9.78	8.0	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	7/16/2009	9.82	7.4	0.48	1.2	1.2	1.8	0.95
	12/22/2009	10.48	7.5	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-6	11/25/2008	19.36	7.4	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	7/16/2009	19.36	7.7	1.3	1.2	0.54	1.3	ND<0.14
	12/22/2009	18.51	7.9	0.053	0.055	ND<0.20	ND<0.40	ND<0.20
B-7	11/25/2008	20.62	7.0	43	0.22	0.74	ND<0.40	0.27
	7/16/2009	20.74	7.3	11	0.15	0.78	0.43	0.23
	12/22/2009	20.17	7.8	0.52	ND<0.20	ND<0.20	ND<0.40	ND<0.20
B-8	11/25/2008	18.99	7.3	0.79	ND<0.20	0.41	0.22	0.3
	7/16/2009	18.99	7.7	250	5.6	460	32	140
	12/22/2009	18.41	7.4	55	0.81	48	5.4	12
MW-F2	11/25/2008	9.77	6.5	12	5.1	18	200	150
	7/16/2009	10.36	6.7	510	97	4000	3500	2000
	12/22/2009	15.24	6.9	130	19	920	780	480
MW-F3	11/25/2008	5.13	7.0	ND<0.20	ND<0.20	0.24	0.33	0.54
	7/16/2009	5.52	7.0	0.91	1.9	1.5	4.4	4.2
	12/22/2009	5.35	6.9	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0
MW-F4	11/25/2008	16.12	7.3	31	2.2	19	51	77
	7/16/2009	16.36	7.7	570	24	990	170	400
	12/22/2009	17.09	7.8	86	4.2	180	33	81
PS-1	11/25/2008	10.88	7.1	ND<0.20	ND<0.20	ND<0.20	ND<0.40	ND<0.20
	7/16/2009	12.39	7.4	ND<0.02	0.13	0.24	0.18	ND<0.03
	12/22/2009	10.55	7.6	0.042	0.079	ND<0.20	0.11	0.066

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

Table 3.2
Treatment System Analytical Data
July - December 2009

Sampling Parameter	pH	Total Mercury	Total Zinc	Total Cyanide	Total VOCs	Total SVOCs	Total Daily Flow
Daily Maximum Limit	**5.0-12.0**	**3.E-05 lbs**	**0.75 lbs**	**0.2 lbs**	**0.01 mg/L**	**0.01 mg/L**	**3,600 gallons**
7/21/2009	7.8	5.7E-07	2.8E-05	5.3E-04	ND	ND	341
8/6/2009	7.7	8.4E-07	3.2E-05	2.2E-04	ND	ND	505
9/2/2009	7.9	4.3E-07	3.3E-06	2.6E-04	ND	ND	261
10/2/2009	7.4	1.6E-06	3.0E-05	1.3E-03	ND	0.001	984
11/6/2009	7.57	9.2E-07	4.6E-05	7.8E-04	ND	ND	550
12/22/2009	7.77	1.4E-06	1.9E-05	1.2E-03	ND	0.0006	829

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements
BOLD values indicate concentration exceeds discharge limit

Figure 3.1
Piezometer and Scajaquada Creek Hydrograph (2007-2009)

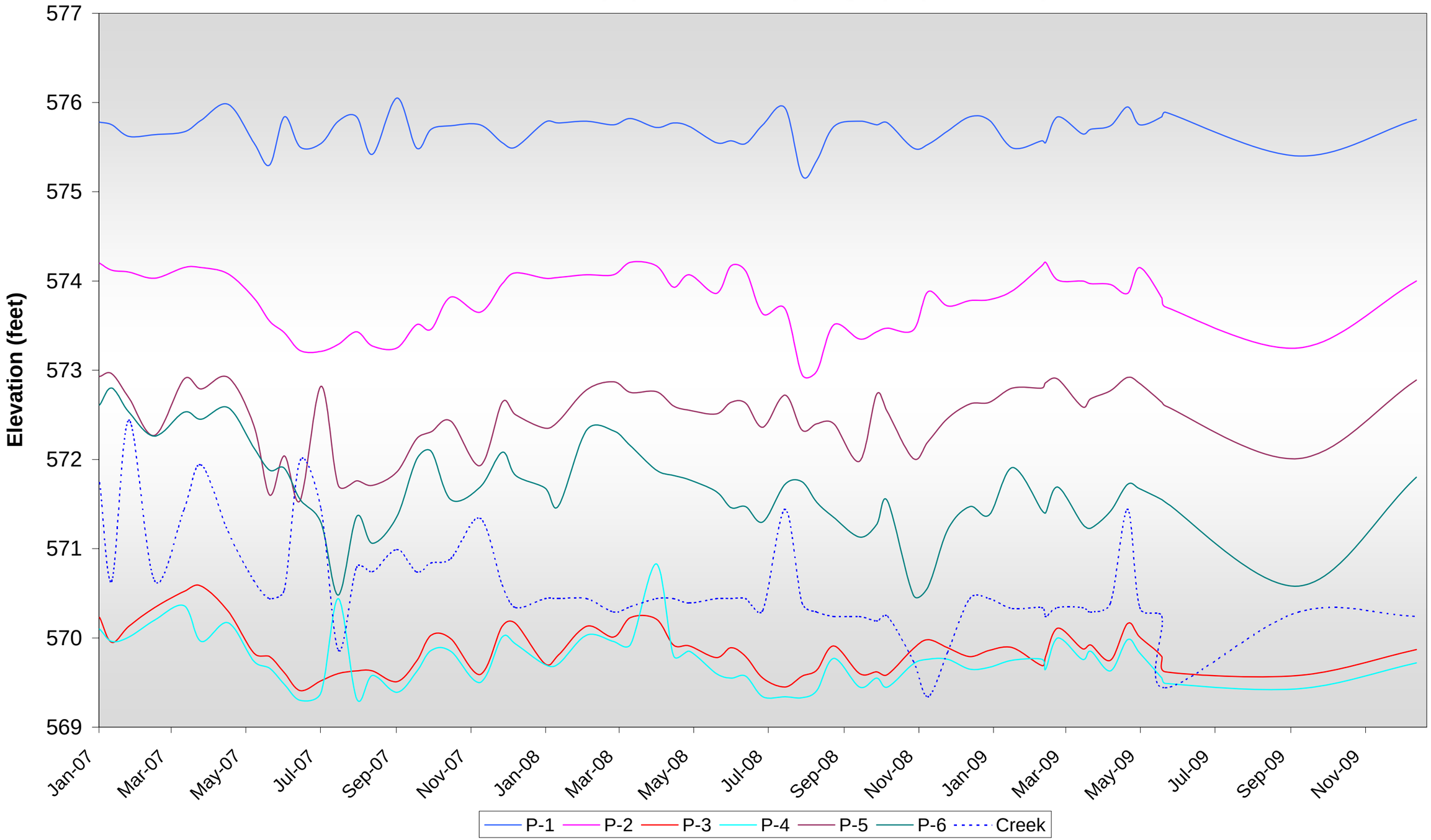


Figure 3.2
Extraction Well and Scajaquada Creek Hydrograph (2007-2009)

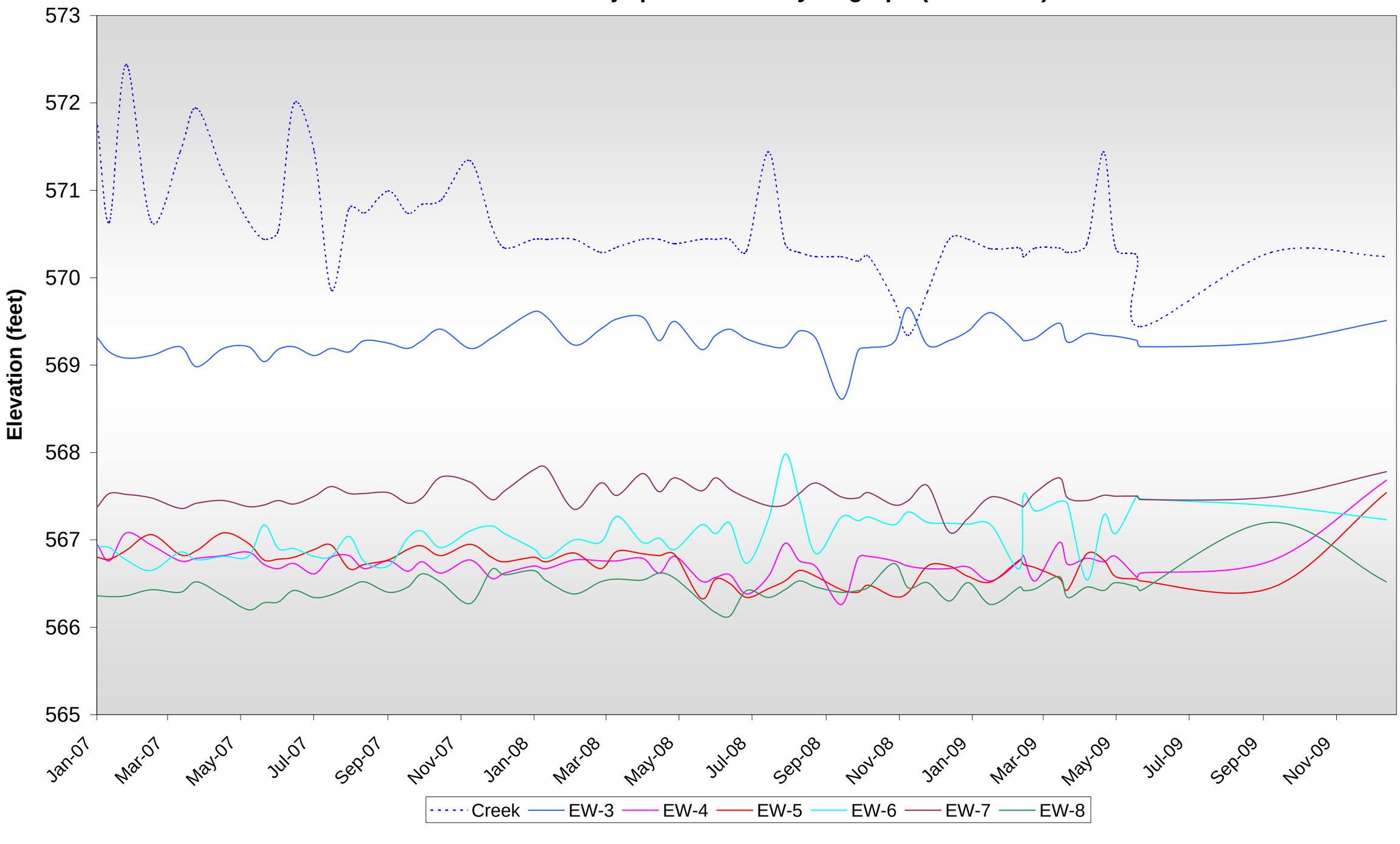
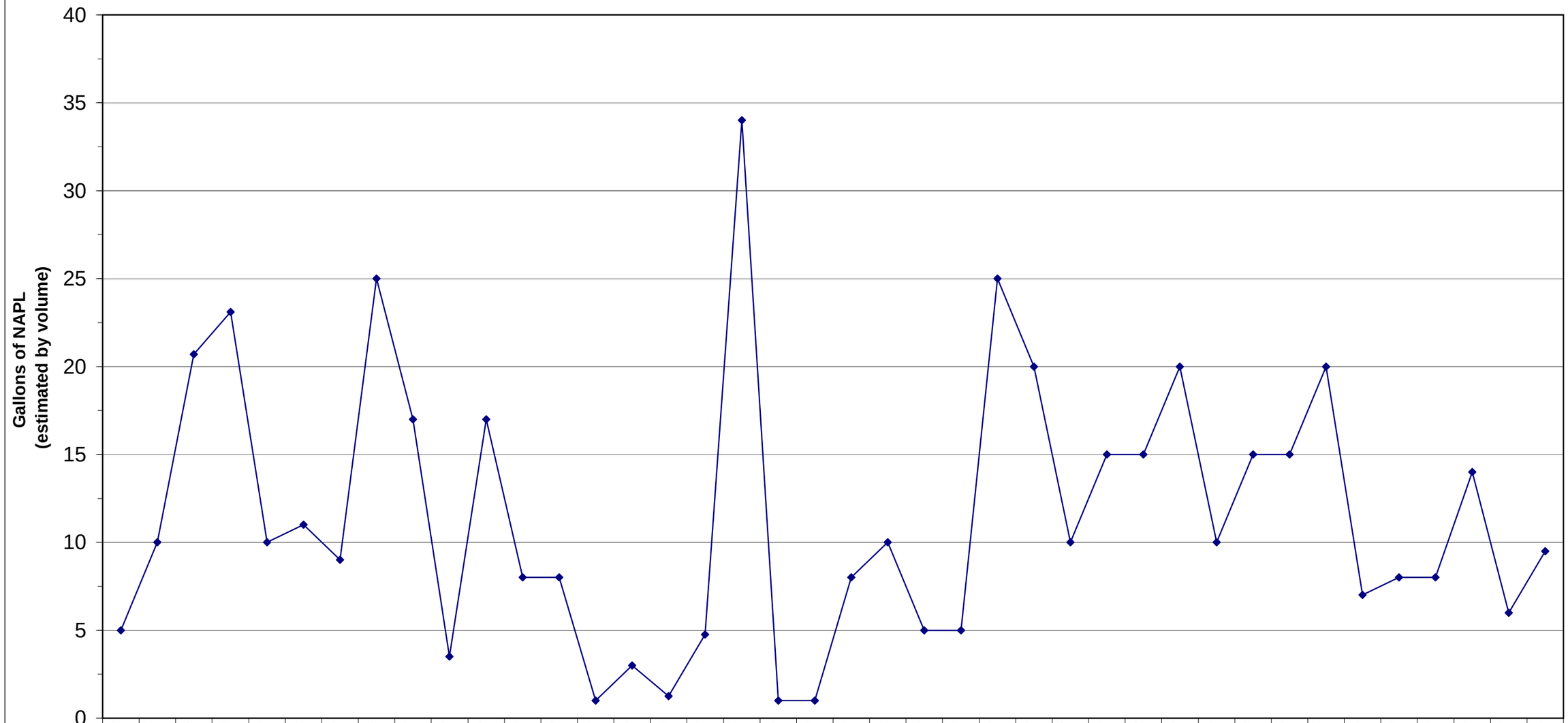


Figure 3.3
Quarterly NAPL Collection



	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	July-Sept 2009	Oct-Dec 2009
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

Quarterly Timeframe

SECTION 4
SUMMARY AND CONCLUSIONS

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

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

- Based on the data collected from July 1 through December 31, 2009, all aspects of the remedial systems are operating within design specifications.

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

- A Five-Year Review Report (2003-2007), summarizing remedial efforts, will be submitted by the end of the first quarter 2010.

APPENDIX A
December 2009 Analytical Data Package

Analytical Report

Work Order: RSL0974

Project Description

GES-Bristol Myers Semi-annual Groundwater

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY

158 Sonwil Drive

Cheektowaga, NY 14225

Paul K Morrow

Paul Morrow

Project Manager

Paul.Morrow@testamericainc.com

Friday, January 8, 2010

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

DATA QUALIFIERS AND DEFINITIONS

D03	Dilution required due to excessive foaming
D08	Dilution required due to high concentration of target analyte(s)
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-01 (B-3 - Water)						**Sampled: 12/22/09 13:15**		**Recvd: 12/23/09 09:15**		
General Chemistry Parameters										
pH	**7.52**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-02 (B-6 - Water)						**Sampled: 12/22/09 13:45**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.053**	J	0.20	0.023	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
Toluene	**0.055**	J	0.20	0.036	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
General Chemistry Parameters										
pH	**7.89**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-03 (B-7 - Water)						**Sampled: 12/22/09 13:50**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.52**		0.20	0.023	ug/L	1.00	12/24/09 15:46	LMW	9L24002	8021B
General Chemistry Parameters										
pH	**7.79**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-04 (B-8 - Water)						**Sampled: 12/22/09 13:35**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**55**	D08	2.0	0.23	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
Ethylbenzene	**48**	D08	2.0	0.29	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
m-Xylene & p-Xylene	**5.4**	D08	4.0	0.54	ug/L	10.0	12/24/09 16:16	GFD	9L24002	8021B
o-Xylene	**12**	D08	2.0	0.27	ug/L	10.0	12/24/09 16:16	GFD	9L24002	8021B
Toluene	**0.81**	D08,J	2.0	0.36	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
General Chemistry Parameters										
pH	**7.43**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-05 (PS-1 - Water)						**Sampled: 12/22/09 13:10**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.042**	J	0.20	0.023	ug/L	1.00	12/24/09 16:46	LMW	9L24002	8021B
m-Xylene & p-Xylene	**0.11**	J	0.40	0.054	ug/L	1.00	12/24/09 16:46	GFD	9L24002	8021B
o-Xylene	**0.066**	J	0.20	0.027	ug/L	1.00	12/24/09 16:46	GFD	9L24002	8021B
Toluene	**0.079**	J	0.20	0.036	ug/L	1.00	12/24/09 16:46	LMW	9L24002	8021B
General Chemistry Parameters										
pH	**7.55**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-06 (MW-F2 - Water)						**Sampled: 12/22/09 13:25**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**130**	D08	10	1.2	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
Ethylbenzene	**920**	D08	10	1.4	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
m-Xylene & p-Xylene	**780**	D08	20	2.7	ug/L	50.0	12/24/09 17:15	GFD	9L24002	8021B
o-Xylene	**480**	D08	10	1.4	ug/L	50.0	12/24/09 17:15	GFD	9L24002	8021B
Toluene	**19**	D08	10	1.8	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
General Chemistry Parameters										

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-06 (MW-F2 - Water) - cont.						**Sampled: 12/22/09 13:25**			**Recvd: 12/23/09 09:15**	
General Chemistry Parameters - cont.										
pH	**6.86**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-07 (MW-F3 - Water)						**Sampled: 12/22/09 13:20**			**Recvd: 12/23/09 09:15**	
General Chemistry Parameters										
pH	**6.94**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040
Sample ID: RSL0974-08 (MW-F4 - Water)						**Sampled: 12/22/09 13:30**			**Recvd: 12/23/09 09:15**	
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**86**	D08	4.0	0.47	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
Ethylbenzene	**180**	D08	4.0	0.57	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
m-Xylene & p-Xylene	**33**	D08	8.0	1.1	ug/L	20.0	12/24/09 18:15	GFD	9L24002	8021B
o-Xylene	**81**	D08	4.0	0.54	ug/L	20.0	12/24/09 18:15	GFD	9L24002	8021B
Toluene	**4.2**	D08	4.0	0.71	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
General Chemistry Parameters										
pH	**7.80**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
B-3	RSL0974-01	Water	12/22/09 13:15	12/23/09 09:15	
B-6	RSL0974-02	Water	12/22/09 13:45	12/23/09 09:15	
B-7	RSL0974-03	Water	12/22/09 13:50	12/23/09 09:15	
B-8	RSL0974-04	Water	12/22/09 13:35	12/23/09 09:15	
PS-1	RSL0974-05	Water	12/22/09 13:10	12/23/09 09:15	
MW-F2	RSL0974-06	Water	12/22/09 13:25	12/23/09 09:15	
MW-F3	RSL0974-07	Water	12/22/09 13:20	12/23/09 09:15	
MW-F4	RSL0974-08	Water	12/22/09 13:30	12/23/09 09:15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-01 (B-3 - Water)						**Sampled: 12/22/09 13:15**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	ND		0.20	0.023	ug/L	1.00	12/29/09 12:32	GFD	9L29018	8021B
Ethylbenzene	ND		0.20	0.029	ug/L	1.00	12/29/09 12:32	GFD	9L29018	8021B
m-Xylene & p-Xylene	ND		0.40	0.054	ug/L	1.00	12/29/09 12:32	GFD	9L29018	8021B
o-Xylene	ND		0.20	0.027	ug/L	1.00	12/29/09 12:32	GFD	9L29018	8021B
Toluene	ND		0.20	0.036	ug/L	1.00	12/29/09 12:32	GFD	9L29018	8021B
4-Bromofluorobenzene	*98 %*		*Surr Limits: (79-115%)*				*12/29/09 12:32*	*GFD*	*9L29018*	*8021B*
a,a,a-Trifluorotoluene	*99 %*		*Surr Limits: (77-118%)*				*12/29/09 12:32*	*GFD*	*9L29018*	*8021B*
General Chemistry Parameters										
pH	**7.52**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-02 (B-6 - Water)						**Sampled: 12/22/09 13:45**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.053**	J	0.20	0.023	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
Ethylbenzene	ND		0.20	0.029	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
m-Xylene & p-Xylene	ND		0.40	0.054	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
o-Xylene	ND		0.20	0.027	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
Toluene	**0.055**	J	0.20	0.036	ug/L	1.00	12/29/09 13:01	GFD	9L29018	8021B
4-Bromofluorobenzene	*97 %*		*Surr Limits: (79-115%)*				*12/29/09 13:01*	*GFD*	*9L29018*	*8021B*
a,a,a-Trifluorotoluene	*93 %*		*Surr Limits: (77-118%)*				*12/29/09 13:01*	*GFD*	*9L29018*	*8021B*
General Chemistry Parameters										
pH	**7.89**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-03 (B-7 - Water)						**Sampled: 12/22/09 13:50**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.52**		0.20	0.023	ug/L	1.00	12/24/09 15:46	LMW	9L24002	8021B
Ethylbenzene	ND		0.20	0.029	ug/L	1.00	12/24/09 15:46	LMW	9L24002	8021B
m-Xylene & p-Xylene	ND		0.40	0.054	ug/L	1.00	12/24/09 15:46	GFD	9L24002	8021B
o-Xylene	ND		0.20	0.027	ug/L	1.00	12/24/09 15:46	GFD	9L24002	8021B
Toluene	ND		0.20	0.036	ug/L	1.00	12/24/09 15:46	LMW	9L24002	8021B
4-Bromofluorobenzene	*107 %*		*Surr Limits: (79-115%)*				*12/24/09 15:46*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*108 %*		*Surr Limits: (77-118%)*				*12/24/09 15:46*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**7.79**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-04 (B-8 - Water)						**Sampled: 12/22/09 13:35**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**55**	D08	2.0	0.23	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
Ethylbenzene	**48**	D08	2.0	0.29	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
m-Xylene & p-Xylene	**5.4**	D08	4.0	0.54	ug/L	10.0	12/24/09 16:16	GFD	9L24002	8021B
o-Xylene	**12**	D08	2.0	0.27	ug/L	10.0	12/24/09 16:16	GFD	9L24002	8021B
Toluene	**0.81**	D08,J	2.0	0.36	ug/L	10.0	12/24/09 16:16	LMW	9L24002	8021B
4-Bromofluorobenzene	*107 %*	*D08*	*Surr Limits: (79-115%)*				*12/24/09 16:16*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*107 %*	*D08*	*Surr Limits: (77-118%)*				*12/24/09 16:16*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**7.43**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-05 (PS-1 - Water)						**Sampled: 12/22/09 13:10**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**0.042**	J	0.20	0.023	ug/L	1.00	12/24/09 16:46	LMW	9L24002	8021B
Ethylbenzene	ND		0.20	0.029	ug/L	1.00	12/24/09 16:46	LMW	9L24002	8021B
m-Xylene & p-Xylene	**0.11**	J	0.40	0.054	ug/L	1.00	12/24/09 16:46	GFD	9L24002	8021B
o-Xylene	**0.066**	J	0.20	0.027	ug/L	1.00	12/24/09 16:46	GFD	9L24002	8021B
Toluene	**0.079**	J	0.20	0.036	ug/L	1.00	12/24/09 16:46	LMW	9L24002	8021B
4-Bromofluorobenzene	*107 %*		*Surr Limits: (79-115%)*				*12/24/09 16:46*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*107 %*		*Surr Limits: (77-118%)*				*12/24/09 16:46*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**7.55**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-06 (MW-F2 - Water)						**Sampled: 12/22/09 13:25**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**130**	D08	10	1.2	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
Ethylbenzene	**920**	D08	10	1.4	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
m-Xylene & p-Xylene	**780**	D08	20	2.7	ug/L	50.0	12/24/09 17:15	GFD	9L24002	8021B
o-Xylene	**480**	D08	10	1.4	ug/L	50.0	12/24/09 17:15	GFD	9L24002	8021B
Toluene	**19**	D08	10	1.8	ug/L	50.0	12/24/09 17:15	LMW	9L24002	8021B
4-Bromofluorobenzene	*106 %*	*D08*	*Surr Limits: (79-115%)*				*12/24/09 17:15*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*107 %*	*D08*	*Surr Limits: (77-118%)*				*12/24/09 17:15*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**6.86**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-07 (MW-F3 - Water)						**Sampled: 12/22/09 13:20**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	ND	D03	2.0	0.23	ug/L	10.0	12/24/09 17:45	LMW	9L24002	8021B
Ethylbenzene	ND	D03	2.0	0.29	ug/L	10.0	12/24/09 17:45	LMW	9L24002	8021B
m-Xylene & p-Xylene	ND	D03	4.0	0.54	ug/L	10.0	12/24/09 17:45	GFD	9L24002	8021B
o-Xylene	ND	D03	2.0	0.27	ug/L	10.0	12/24/09 17:45	GFD	9L24002	8021B
Toluene	ND	D03	2.0	0.36	ug/L	10.0	12/24/09 17:45	LMW	9L24002	8021B
4-Bromofluorobenzene	*106 %*	*D03*	*Surr Limits: (79-115%)*				*12/24/09 17:45*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*106 %*	*D03*	*Surr Limits: (77-118%)*				*12/24/09 17:45*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**6.94**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0974-08 (MW-F4 - Water)						**Sampled: 12/22/09 13:30**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds by EPA Method 8021A										
Benzene	**86**	D08	4.0	0.47	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
Ethylbenzene	**180**	D08	4.0	0.57	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
m-Xylene & p-Xylene	**33**	D08	8.0	1.1	ug/L	20.0	12/24/09 18:15	GFD	9L24002	8021B
o-Xylene	**81**	D08	4.0	0.54	ug/L	20.0	12/24/09 18:15	GFD	9L24002	8021B
Toluene	**4.2**	D08	4.0	0.71	ug/L	20.0	12/24/09 18:15	LMW	9L24002	8021B
4-Bromofluorobenzene	*106 %*	*D08*	*Surr Limits: (79-115%)*				*12/24/09 18:15*	*LMW*	*9L24002*	*8021B*
a,a,a-Trifluorotoluene	*106 %*	*D08*	*Surr Limits: (77-118%)*				*12/24/09 18:15*	*LMW*	*9L24002*	*8021B*
General Chemistry Parameters										
pH	**7.80**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	9040

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
9040	9L24028	RSL0974-01	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-02	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-03	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-04	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-05	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-06	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-07	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
9040	9L24028	RSL0974-08	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
Volatile Organic Compounds by EPA Method 8021A									
8021B	9L24002	RSL0974-03	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L24002	RSL0974-04	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L24002	RSL0974-05	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L24002	RSL0974-06	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L24002	RSL0974-07	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L24002	RSL0974-08	1.00	mL	1.00	mL	12/24/09 06:00	GFD	5030B GC
8021B	9L29018	RSL0974-01	1.00	mL	1.00	mL	12/29/09 06:00	LMW	5030B GC
8021B	9L29018	RSL0974-02	1.00	mL	1.00	mL	12/29/09 06:00	LMW	5030B GC

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA Method 8021A											
Blank Analyzed: 12/24/09 (Lab Number:9L24002-BLK1, Batch: 9L24002)											
Benzene			0.20	0.023	ug/L	ND					
Ethylbenzene			0.20	0.029	ug/L	ND					
m-Xylene & p-Xylene			0.40	0.054	ug/L	ND					
o-Xylene			0.20	0.027	ug/L	ND					
Toluene			0.20	0.036	ug/L	ND					
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*79-115*			
Surrogate: a,a,a-Trifluorotoluene					*ug/L*		*109*	*77-118*			
LCS Analyzed: 12/24/09 (Lab Number:9L24002-BS1, Batch: 9L24002)											
Benzene		4.00	0.20	0.023	ug/L	4.06	101	77-119			
Ethylbenzene		4.00	0.20	0.029	ug/L	4.05	101	79-120			
m-Xylene & p-Xylene		8.00	0.40	0.054	ug/L	8.22	103	26-150			
o-Xylene		4.00	0.20	0.027	ug/L	4.02	100	77-121			
Toluene		4.00	0.20	0.036	ug/L	4.03	101	78-117			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*109*	*79-115*			
Surrogate: a,a,a-Trifluorotoluene					*ug/L*		*109*	*77-118*			
Matrix Spike Analyzed: 12/24/09 (Lab Number:9L24002-MS1, Batch: 9L24002)											
QC Source Sample: RSL0974-08											
Benzene	85.6	80.0	4.0	0.47	ug/L	177	115	77-119			D08
Ethylbenzene	180	80.0	4.0	0.57	ug/L	269	112	79-120			D08
m-Xylene & p-Xylene	33.4	160	8.0	1.1	ug/L	218	115	26-150			D08
o-Xylene	81.2	80.0	4.0	0.54	ug/L	173	115	77-121			D08
Toluene	4.16	80.0	4.0	0.71	ug/L	95.8	115	78-117			D08
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*79-115*			*D08*
Surrogate: a,a,a-Trifluorotoluene					*ug/L*		*106*	*77-118*			*D08*
Matrix Spike Dup Analyzed: 12/24/09 (Lab Number:9L24002-MSD1, Batch: 9L24002)											
QC Source Sample: RSL0974-08											
Benzene	85.6	80.0	4.0	0.47	ug/L	177	114	77-119	0.4	30	D08
Ethylbenzene	180	80.0	4.0	0.57	ug/L	270	113	79-120	0.3	30	D08
m-Xylene & p-Xylene	33.4	160	8.0	1.1	ug/L	218	115	26-150	0.04	30	D08
o-Xylene	81.2	80.0	4.0	0.54	ug/L	173	115	77-121	0.06	30	D08
Toluene	4.16	80.0	4.0	0.71	ug/L	95.8	115	78-117	0.02	30	D08
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*79-115*			*D08*

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

Volatile Organic Compounds by EPA Method 8021A

Matrix Spike Dup Analyzed: 12/24/09 (Lab Number:9L24002-MSD1, Batch: 9L24002)

QC Source Sample: RSL0974-08

Surrogate: a,a,a-Trifluorotoluene				*ug/L*		*104*	*77-118*	*D08*

Volatile Organic Compounds by EPA Method 8021A

Blank Analyzed: 12/29/09 (Lab Number:9L29018-BLK1, Batch: 9L29018)

Benzene		0.20	0.023	ug/L	ND			
Ethylbenzene		0.20	0.029	ug/L	ND			
m-Xylene & p-Xylene		0.40	0.054	ug/L	ND			
o-Xylene		0.20	0.027	ug/L	ND			
Toluene		0.20	0.036	ug/L	ND			
Surrogate: 4-Bromofluorobenzene				*ug/L*		*100*	*79-115*	
Surrogate: a,a,a-Trifluorotoluene				*ug/L*		*100*	*77-118*	

LCS Analyzed: 12/29/09 (Lab Number:9L29018-BS1, Batch: 9L29018)

Benzene	4.00	0.20	0.023	ug/L	3.90	98	77-119	
Ethylbenzene	4.00	0.20	0.029	ug/L	3.94	99	79-120	
m-Xylene & p-Xylene	8.00	0.40	0.054	ug/L	8.00	100	26-150	
o-Xylene	4.00	0.20	0.027	ug/L	3.95	99	77-121	
Toluene	4.00	0.20	0.036	ug/L	3.94	98	78-117	
Surrogate: 4-Bromofluorobenzene				*ug/L*		*100*	*79-115*	
Surrogate: a,a,a-Trifluorotoluene				*ug/L*		*100*	*77-118*	

LCS Dup Analyzed: 12/29/09 (Lab Number:9L29018-BSD1, Batch: 9L29018)

Benzene	4.00	0.20	0.023	ug/L	3.86	97	77-119	1	30
Ethylbenzene	4.00	0.20	0.029	ug/L	3.91	98	79-120	1	30
m-Xylene & p-Xylene	8.00	0.40	0.054	ug/L	7.95	99	26-150	0.7	30
o-Xylene	4.00	0.20	0.027	ug/L	3.92	98	77-121	0.8	30
Toluene	4.00	0.20	0.036	ug/L	3.88	97	78-117	2	30
Surrogate: 4-Bromofluorobenzene				*ug/L*		*99*	*79-115*		
Surrogate: a,a,a-Trifluorotoluene				*ug/L*		*100*	*77-118*		

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0974

Project: GES-Bristol Myers Semi-annual Groundwater
Project Number: [none]

Received: 12/23/09
Reported: 01/08/10 11:51

LABORATORY QC DATA

Analyte	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 12/24/09 (Lab Number:9L24028-BS1, Batch: 9L24028)											
pH		7.00	NA	0.00	SU	7.00	100	99.3-100.8			

Chain of Custody Record

Temperature on Receipt ______

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

+ c/lit

TAL-4124 (1007)

Client: Groundwater + Environmental Services inc	Project Manager: Andrew Janik / Jennifer Siniscalchi	Date: 12-22-09
Address: 158 Sonwil Drive	Telephone Number (Area Code)/Fax Number: 1800 287 7857 716 706 0078	Lab Number:
City: Cheektowaga State: NY Zip Code: 14225	Site Contact: Brent Miller Lab Contact: Paul Morrow	Chain of Custody Number: 149886
Project Name and Location (State): BMS 100 Forest Ave Buffalo NY	Carrier/Waybill Number:	Page 1 of 1
Contract/Purchase Order/Quote No:		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	BTEX	PAH	Special Instructions/ Conditions of Receipt
B-3	12-22-09	1315		X			1			3			X	X	
B-6	12-22-09	1345		X			1			3			X	X	
B-7	12-22-09	1350		X			1			3			X	X	
B-8	12-22-09	1335		X			1			3			X	X	
PS-1	12-22-09	1310		X			1			3			X	X	
MW-F2	12-22-09	1325		X			1			3			X	X	
MW-F3	12-22-09	1320		X			1			3			X	X	
MW-F4	12-22-09	1330		X			1			3			X	X	

Analysis (Attach list if more space is needed)

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

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

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

QC Requirements (Specify)

1. Relinquished By	Date: 12-22-09	Time: 1500	1. Received By	Date: 12-23-09	Time: 09:15
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

2.0°

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

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

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

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

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

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

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

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

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

Appendix B-1

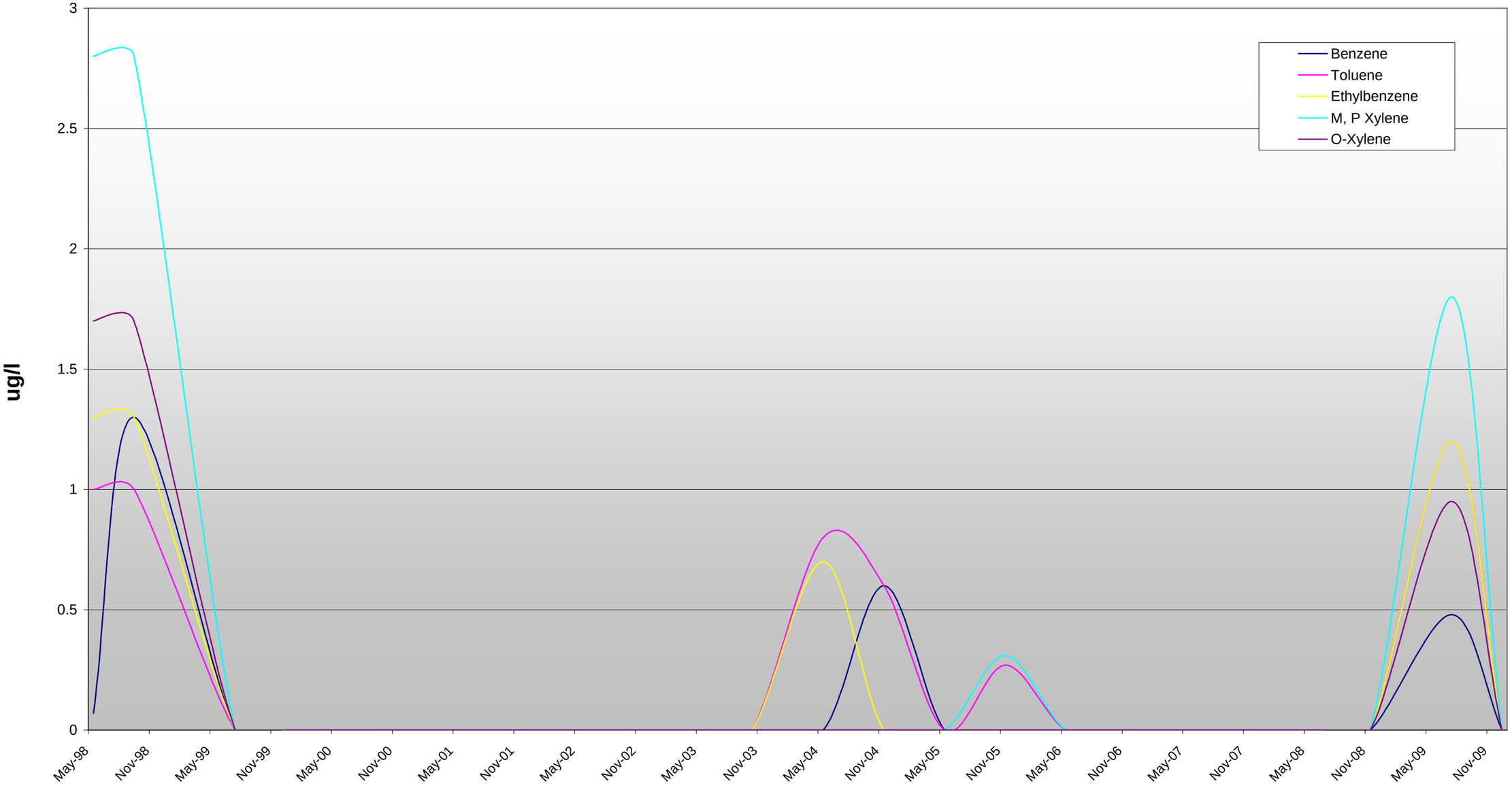
Historical Groundwater Analytical Data

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

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

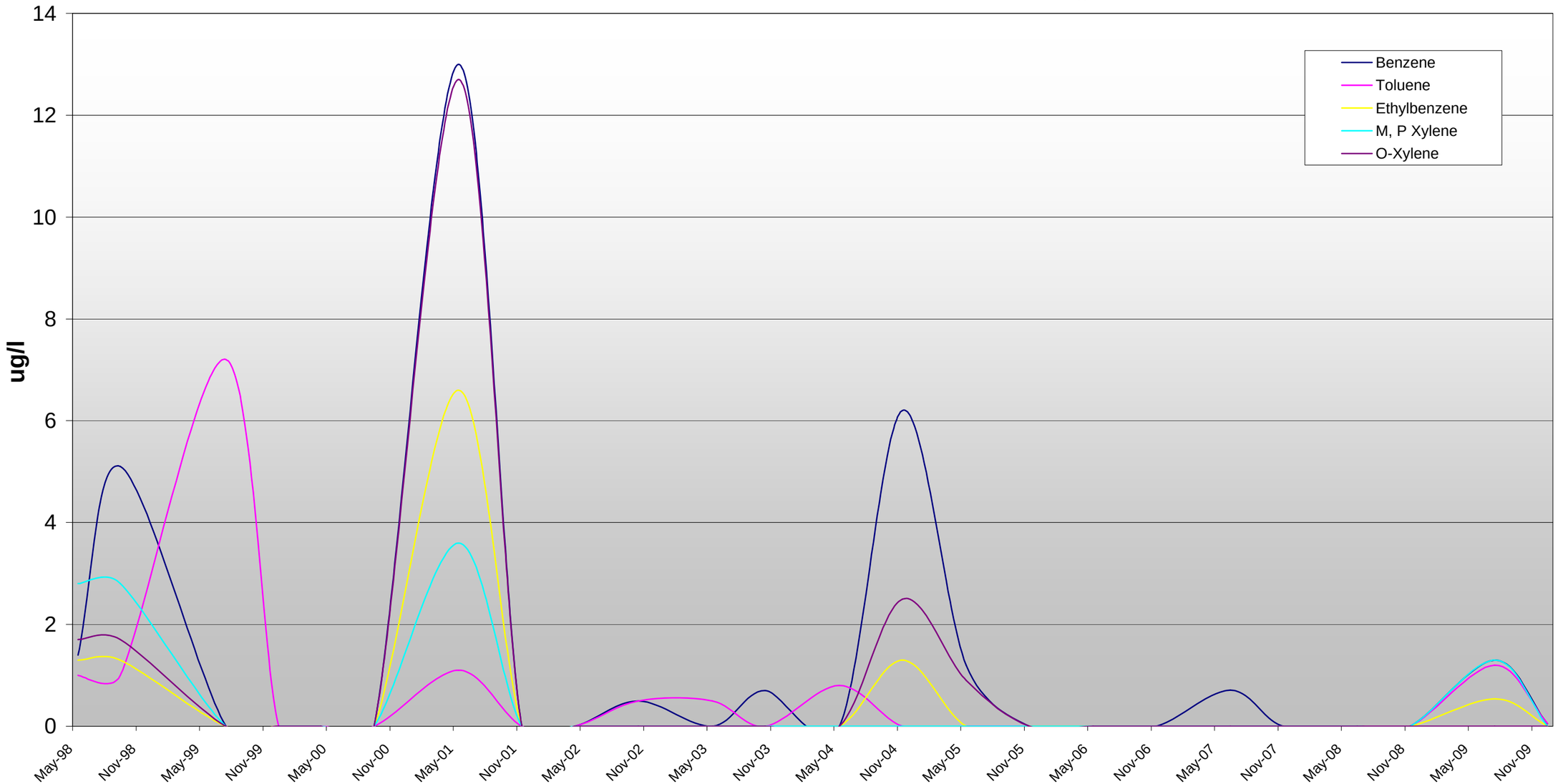
APPENDIX B-2
Historical Contaminant Concentration Trends

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



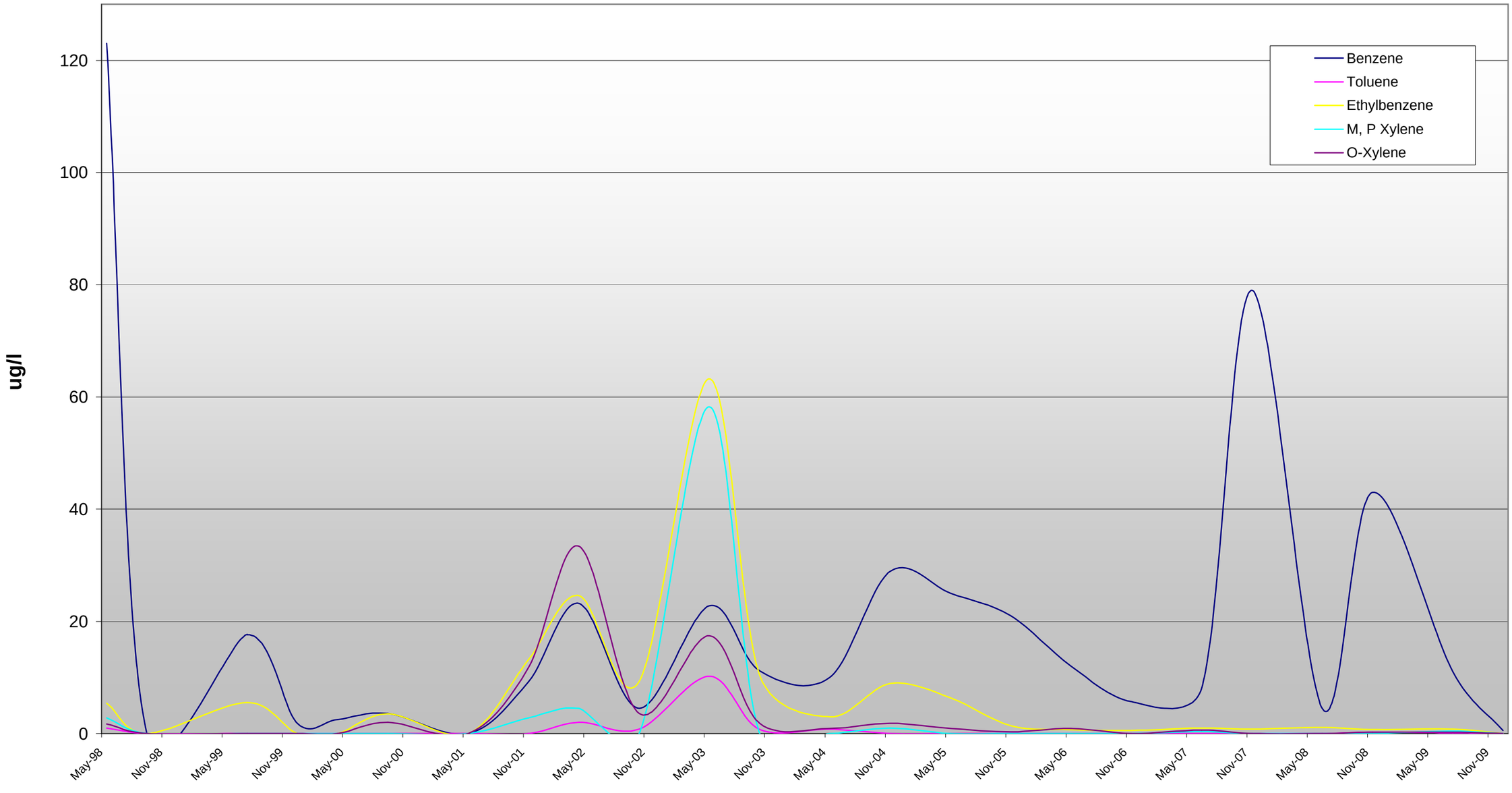
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09
Benzene	0.07	1.3	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0.48	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0.8	0.6	0	0.27	0	0	0	0	0	0	1.2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

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
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
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
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
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
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

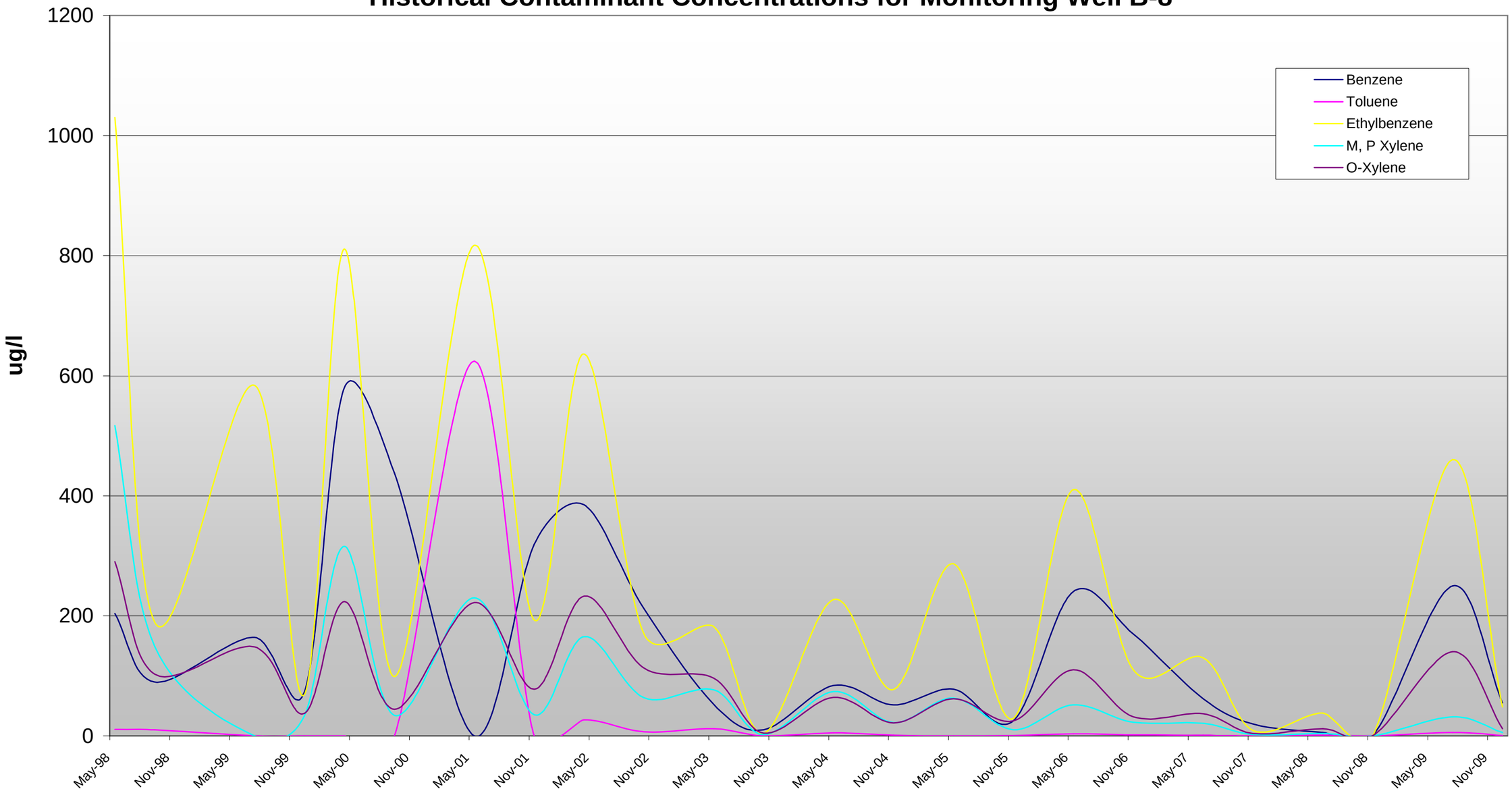
Appendix B-2
Historical Contaminant Concentrations for Monitoring Well B-7



	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
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
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
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
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
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

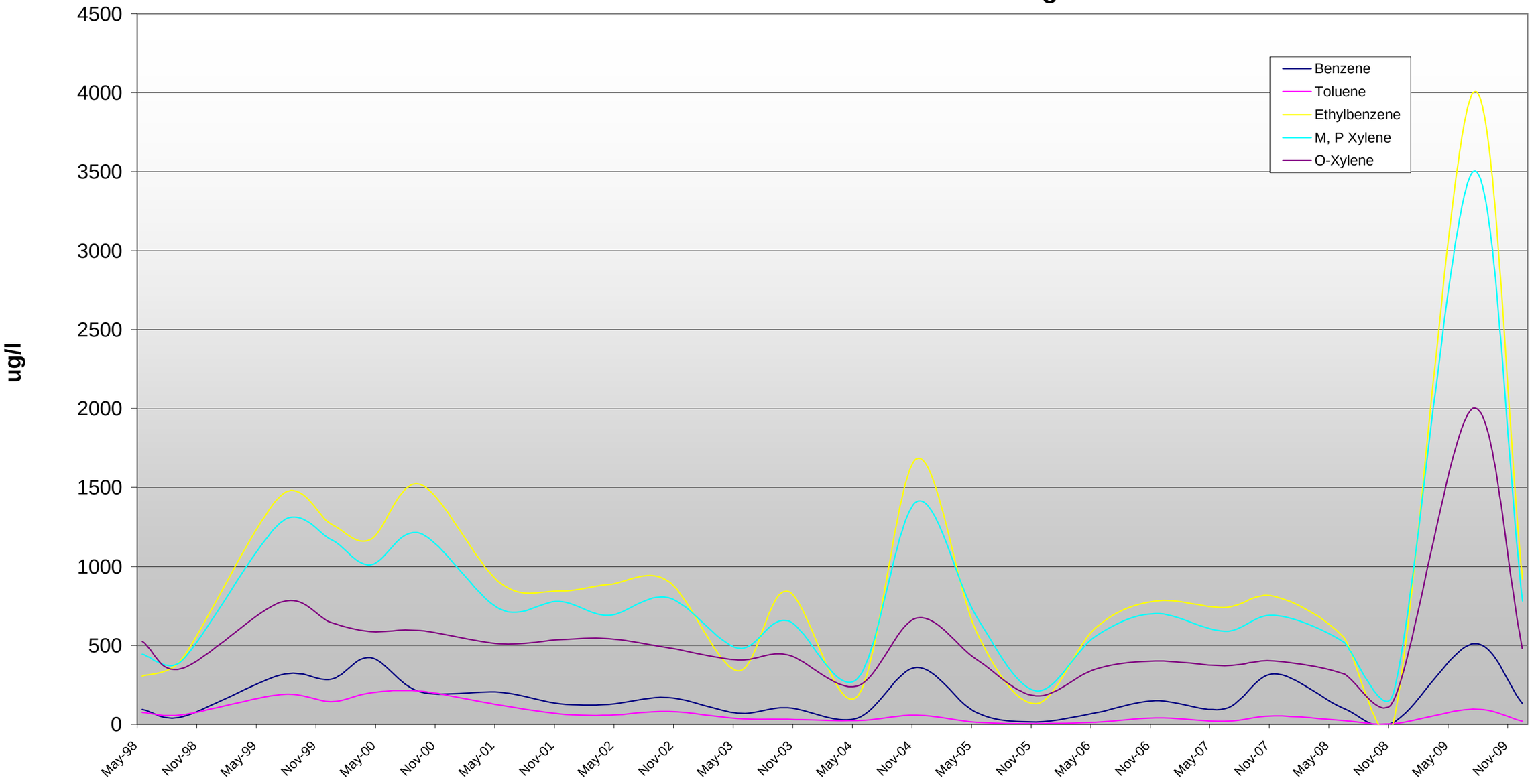
Dry Well

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



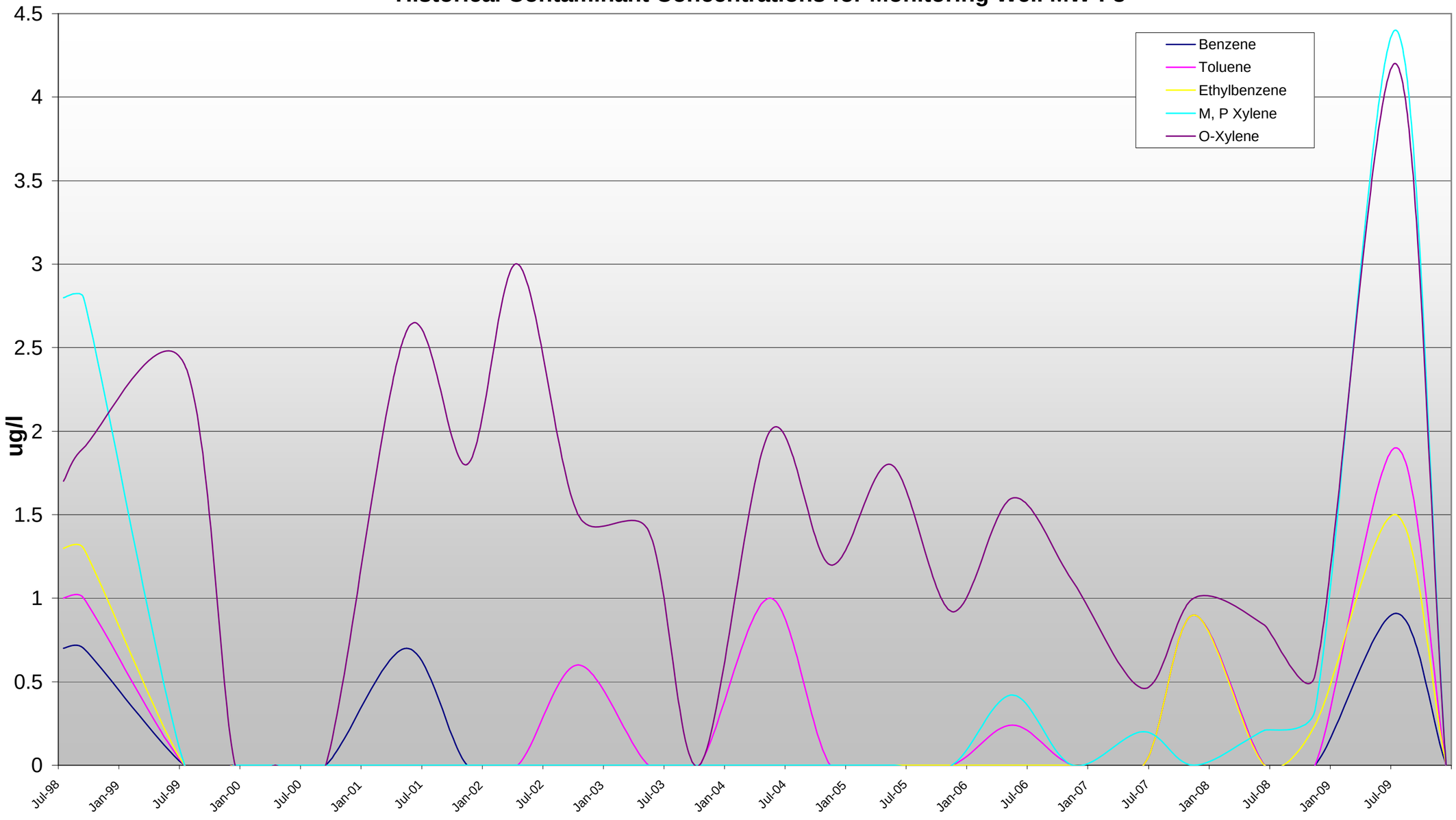
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09
Benzene	204	90	164	73.4	580	438	0	319	385	212	52.2	10.1	84	51.6	77.7	25	240	170	62	20	5.6	0.79	250	55
Toluene	11	10	0	0	0	0	624	0	26.8	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
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
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
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

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



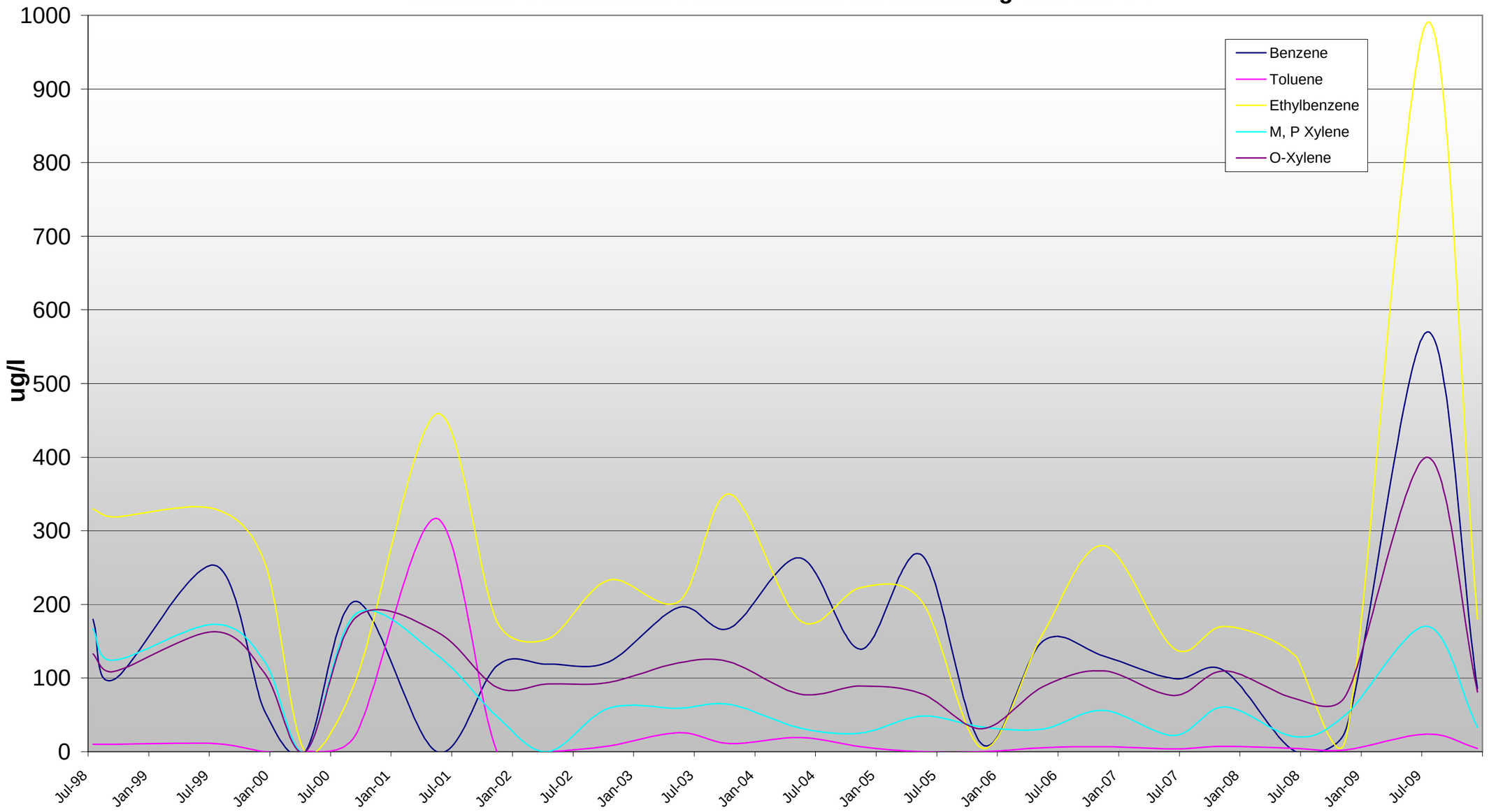
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09
Benzene	95	47	314	285	423	205	203	131	127	169	70	106	38	361	75.8	14	72	150	99	320	100	12	510	130
Toluene	75	59	189	143	200	211	122	66.6	57.2	82.2	36.4	32.4	24	57.4	13.5	4.0	12	40	20	53	23	5.1	97	19
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
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
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

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



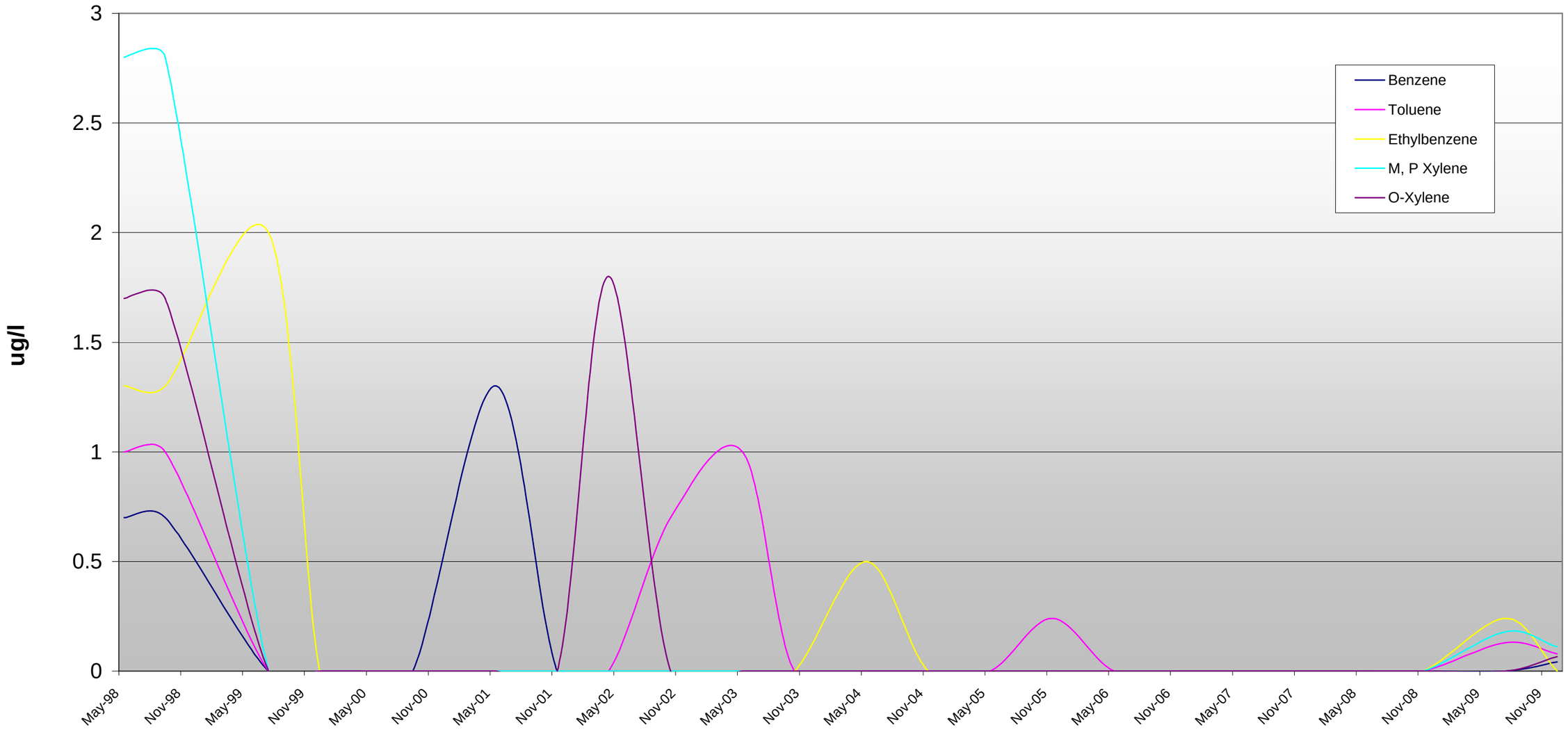
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09
Benzene	0.7	0.7	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0	0	0.91	0
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.6	0	0	1.0	0	0	0	0.24	0	0	0.9	0	0	1.9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

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



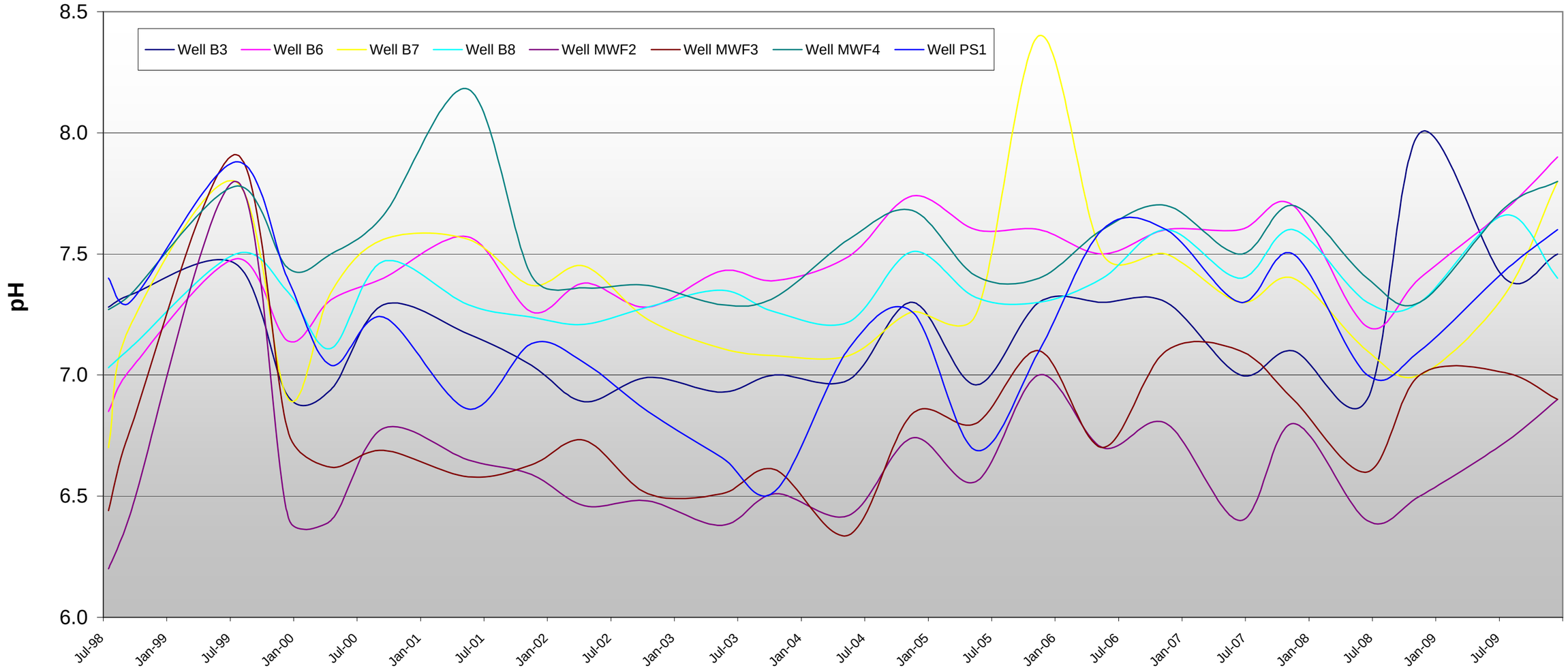
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	Jul-09	Dec-09
Benzene	180	98	253	54	0	204	0	117	119	122	196	168	263	139	267	9.8	150	130	99	110	0	31	570	86
Toluene	10	10	11.1	0	0	23.2	317	0	0	7.9	25.8	11	19	6.6	0	0	5.1	6.6	4.0	7.0	4.5	2.2	24	4.2
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
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
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

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
Benzene	0.7	0.7	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.042
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
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
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
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

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
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
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
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
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
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
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
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
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

APPENDIX C-1
Historical Water Table Elevation

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/3/2002	575.82	573.52	571.09	570.85	572.63	571.04	571.39	569.39	566.74	566.55	566.38	566.04	566.53
1/8/2002	575.85	573.53	570.96	570.75	572.68	570.96	571.39	569.75	566.68	566.61	566.51	565.86	566.72
1/17/2002	575.84	573.63	571.02	570.80	572.58	571.01	570.85	569.49	566.81	566.62	566.64	565.84	566.73
1/24/2002	576.05	573.81	571.41	571.33	573.04	571.52	570.32	569.79	567.03	568.83	566.83	566.57	566.49
1/30/2002	575.89	573.54	570.77	570.61	572.48	571.02	569.76	569.40	566.73	566.85	566.53	566.49	566.50
2/7/2002	575.77	573.52	571.21	570.99	572.54	571.25	570.31	569.47	566.93	566.92	566.55	565.84	566.69
2/13/2002	575.82	573.45	571.22	570.57	572.48	570.94	569.99	569.21	566.73	567.50	566.67	565.84	566.59
2/21/2002	575.92	573.60	571.02	570.79	572.47	571.01	570.79	569.53	566.69	566.61	566.60	566.16	566.53
2/28/2002	575.77	573.42	570.64	570.46	572.45	570.88	570.99	569.81	566.70	566.57	566.51	565.84	566.69
3/7/2002	575.81	573.45	570.62	570.46	572.49	570.99	569.52	569.67	566.72	566.50	566.57	566.40	566.64
3/14/2002	575.78	573.40	570.98	570.76	572.54	571.41	570.11	569.50	566.66	566.47	566.67	573.39	566.63
3/20/2002	575.90	573.49	571.21	570.96	572.62	571.53	570.30	569.64	566.73	566.50	566.65	573.37	566.60
3/28/2002	575.93	573.54	571.32	571.14	572.74	571.77	570.11	569.26	566.87	566.47	566.90	566.33	566.84
4/3/2002	576.03	573.83	571.00	570.79	572.75	571.42	570.82	569.26	566.72	566.54	566.71	566.10	566.71
4/11/2002	575.81	573.50	570.82	570.62	572.48	571.42	570.67	569.13	566.88	566.39	566.41	567.49	566.64
4/15/2002	575.94	573.64	571.02	570.77	572.62	571.44	570.90	569.18	566.69	566.47	566.42	567.51	566.68
4/24/2002	575.81	573.43	570.68	570.47	572.46	571.30	570.79	569.26	566.70	566.38	566.42	567.59	566.57
5/8/2002	575.83	573.46	570.65	570.44	572.60	571.03	569.82	569.28	566.78	566.50	566.42	567.49	566.15
5/15/2002	575.87	573.55	570.64	570.44	572.58	571.15	571.39	569.20	566.82	566.50	566.33	566.45	566.12
5/22/2002	575.77	573.34	570.54	570.39	572.66	571.20	571.36	569.18	566.78	566.39	566.49	567.55	566.13
5/29/2002	575.81	573.45	570.69	570.53	572.57	571.10	569.49	569.23	566.72	566.49	566.46	567.49	566.33
6/5/2002	575.81	573.45	570.69	570.53	572.57	571.10	569.49	569.23	566.72	566.49	566.46	567.49	566.33
6/12/2002	575.78	573.38	570.96	570.70	572.74	571.07	571.09	569.14	566.88	566.48	566.37	567.44	566.11
6/19/2002	575.73	573.39	570.42	570.30	572.44	570.87	571.24	569.10	565.84	566.46	566.43	567.60	566.23
6/26/2002	575.79	573.42	570.82	570.62	572.38	571.06	570.83	569.27	566.73	566.44	566.46	567.60	566.25
7/3/2002	575.64	573.44	570.79	570.58	572.39	571.07	571.13	569.21	566.59	566.44	566.29	567.74	567.20
7/10/2002	575.57	573.18	571.49	571.37	572.30	571.24	569.90	569.09	566.80	572.59	566.64	567.61	566.12
7/18/2002	575.51	573.03	571.67	571.56	572.17	571.41	570.94	569.23	566.74	573.68	566.73	567.61	566.13
7/24/2002	575.59	573.28	571.46	571.38	572.25	571.31	570.86	569.31	566.74	573.39	566.39	567.55	566.23
7/31/2002	575.96	573.39	571.61	571.48	572.60	571.45	570.86	569.23	566.78	572.60	566.45	567.64	566.19
8/7/2002	575.68	573.07	571.34	571.23	571.78	571.22	570.73	569.23	566.64	572.47	566.45	567.60	566.13
8/14/2002	575.50	572.97	571.48	571.33	571.89	571.33	570.44	569.18	566.73	572.29	566.45	567.63	566.15
8/21/2002	575.52	573.15	571.20	571.06	572.01	571.15	570.35	569.11	566.64	571.83	567.83	567.47	566.09
8/27/2002	575.55	573.16	570.51	570.28	571.83	570.71	569.71	569.14	566.70	566.85	566.51	567.62	566.14
9/4/2002	575.36	572.97	570.45	570.21	571.63	570.57	570.57	569.15	566.72	566.96	566.51	567.60	566.21
9/11/2002	575.56	572.81	570.41	570.20	571.65	570.42	569.86	569.24	566.68	566.89	566.52	567.60	566.19
9/19/2002	575.40	572.93	570.36	570.13	571.56	570.44	570.27	569.18	566.79	566.87	566.46	567.59	566.23
9/25/2002	575.35	572.81	570.04	569.88	571.30	570.32	569.75	569.23	566.71	566.86	566.47	567.71	566.15
10/2/2002	575.70	573.21	571.02	570.92	572.13	571.44	570.27	569.10	566.62	566.83	566.67	568.24	566.56
10/8/2002	575.60	573.13	570.40	570.22	571.65	570.68	570.05	569.19	566.78	566.80	566.54	567.61	566.26
10/16/2002	575.48	573.04	570.75	570.53	571.80	570.85	569.85	569.14	566.74	567.00	566.54	567.63	566.17
10/23/2002	575.68	573.35	570.45	570.26	572.01	570.57	569.31	569.24	566.66	566.87	566.47	567.53	566.30
10/30/2002	575.68	573.28	570.60	570.39	571.84	570.58	568.97	569.26	566.78	566.93	566.59	567.70	566.33
11/6/2002	575.72	573.22	570.74	570.48	571.76	570.72	569.56	569.26	566.84	566.83	566.63	567.61	566.23
11/13/2002	575.81	573.40	570.49	570.34	571.89	570.71	569.83	569.30	566.70	566.77	566.62	567.62	566.23
11/19/2002	575.86	573.54	570.72	570.54	572.25	570.89	569.87	569.27	566.77	566.80	566.65	567.73	566.27
11/26/2002	575.77	573.44	570.57	570.38	572.11	570.78	569.34	569.45	566.85	566.81	566.67	567.72	566.32
12/4/2002	575.70	573.32	570.36	570.20	571.83	570.65	569.69	569.31	566.72	566.96	566.61	566.99	566.33
12/11/2002	575.78	573.23	570.62	570.42	571.95	570.72	569.36	569.16	566.63	566.83	566.61	567.70	566.25
12/18/2002	575.85	573.42	570.90	570.72	572.07	571.11	569.24	569.17	566.91	566.92	566.64	567.68	566.25
12/24/2002	575.85	573.41	570.52	570.33	571.95	570.83	569.49	569.26	566.87	566.79	566.63	567.68	566.27
12/31/2002	576.11	573.67	570.74	570.54	572.00	571.12	569.80	569.28	566.82	566.90	566.62	567.40	566.42

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/2003	575.86	573.38	570.95	570.69	572.51	571.05	570.34	569.19	566.96	566.88	566.57	573.19	566.34
1/16/2003	575.77	573.59	570.51	570.30	572.05	570.82	570.40	569.30	566.86	566.90	566.63	567.61	566.25
1/22/2003	575.72	573.37	570.44	570.25	572.13	570.70	569.36	569.24	566.86	566.79	566.61	567.55	566.24
1/30/2003	575.72	573.44	570.71	570.59	572.17	571.07	568.49	569.14	566.94	567.03	566.37	567.70	566.49
2/6/2003	575.78	573.67	570.29	570.13	571.76	570.74	569.09	569.25	566.86	566.96	566.18	567.53	566.40
2/13/2003	575.68	573.43	570.31	570.09	571.79	570.60	569.22	569.28	566.91	566.87	566.09	567.59	566.39
2/19/2003	575.64	573.45	570.39	570.16	571.65	570.63	569.09	569.21	566.95	566.83	566.17	567.67	566.36
2/26/2003	575.70	573.56	570.34	570.18	572.06	570.88	569.00	569.31	566.85	566.89	566.06	567.75	566.38
3/6/2003	575.85	573.42	570.45	570.25	572.11	570.88	568.87	569.17	566.95	566.93	566.65	567.58	566.33
3/12/2003	575.77	573.46	570.61	570.40	572.19	570.93	569.02	569.24	566.97	566.86	566.66	567.65	566.26
3/19/2003	575.92	573.73	570.98	570.90	572.56	571.45	568.43	569.27	566.97	571.03	566.57	567.75	566.27
3/26/2003	575.91	573.74	570.57	570.36	572.25	571.72	569.69	569.21	566.95	566.92	566.51	567.78	566.36
4/2/2003	575.78	573.55	571.31	570.29	572.05	571.05	569.40	569.24	566.99	566.86	566.37	567.68	566.50
4/10/2003	575.94	573.64	570.77	570.62	572.68	571.51	569.83	569.30	567.02	566.92	566.76	566.88	566.37
4/17/2003	575.72	573.38	570.28	570.09	571.85	571.04	568.69	569.14	566.82	566.79	566.67	567.63	566.37
4/23/2003	575.65	573.28	570.32	570.12	571.78	571.71	570.61	569.29	566.94	566.92	566.70	567.75	566.40
5/1/2003	575.68	573.34	570.41	571.23	572.03	570.89	570.27	569.17	567.00	566.89	566.69	567.69	566.26
5/7/2003	575.97	573.55	570.29	570.11	571.99	570.99	570.18	569.26	566.62	566.97	566.54	568.01	566.24
5/13/2003	575.99	573.61	570.39	570.20	572.01	571.11	570.19	569.16	566.57	566.91	566.50	567.86	566.35
5/20/2003	575.81	573.57	570.44	570.27	571.98	571.22	570.22	569.14	566.60	566.83	566.52	568.11	566.43
5/28/2003	575.78	573.53	570.53	570.37	572.10	571.58	570.57	569.21	566.61	566.84	566.68	568.08	566.27
6/4/2003	575.83	573.52	570.45	570.31	572.10	571.24	570.40	569.24	566.61	566.95	566.66	567.27	566.39
6/11/2003	575.81	573.50	570.46	570.31	572.11	571.14	570.75	569.51	566.59	566.96	566.57	568.15	566.31
6/18/2003	575.76	573.55	570.51	570.35	572.28	571.38	570.54	570.21	566.77	566.96	566.67	567.11	566.37
6/25/2003	575.66	573.25	570.27	570.12	571.87	571.09	570.99	570.11	566.73	566.87	566.65	568.12	566.28
7/3/2003	575.62	573.03	570.26	570.08	571.72	570.98	570.61	570.11	566.69	566.89	566.67	567.81	566.26
7/8/2003	575.53	573.02	570.09	569.95	571.84	570.88	571.53	569.97	566.65	566.93	566.60	568.10	566.30
7/15/2003	575.45	573.37	570.15	570.03	571.71	570.89	571.01	569.22	566.72	566.93	566.61	568.29	566.33
7/24/2003	575.99	573.72	570.27	570.16	572.51	571.33	571.25	569.17	566.81	566.75	566.64	567.42	566.39
7/31/2003	575.75	573.29	570.25	570.09	572.14	571.00	570.49	569.23	566.79	566.89	566.63	568.16	566.37
8/6/2003	575.74	573.38	570.27	570.11	572.28	571.00	571.02	569.28	566.73	566.82	566.21	568.18	566.39
8/12/2003	575.97	573.91	570.37	570.26	572.31	571.68	570.67	569.30	566.61	566.91	566.62	568.15	566.43
8/21/2003	575.78	573.41	570.48	570.32	572.13	570.97	570.87	569.20	566.64	566.85	566.12	573.15	566.39
8/26/2003	575.64	573.32	570.42	570.25	572.11	570.97	571.26	569.21	566.77	566.82	566.67	573.15	566.45
9/4/2003	575.47	573.18	570.30	570.13	571.88	570.69	570.02	569.31	566.76	566.95	566.60	573.15	566.25
9/11/2003	575.34	572.96	569.98	569.85	571.87	570.48	570.14	569.15	566.67	566.83	566.66	573.15	566.41
9/16/2003	575.71	573.12	570.05	569.90	571.81	570.62	570.7	569.13	566.65	566.81	566.64	573.15	566.36
9/23/2003	575.74	573.61	570.39	570.24	571.98	570.79	570.92	569.20	566.68	566.81	566.83	573.15	566.36
10/2/2003	575.92	573.83	570.46	570.39	572.24	571.16	570.69	569.25	566.60	567.26	566.97	573.15	566.25
10/9/2003	575.80	573.38	570.20	570.05	572.18	570.65	569.86	569.24	566.67	566.78	566.69	573.15	566.42
10/16/2003	575.92	573.58	570.17	570.04	572.39	570.82	570.09	569.30	566.67	566.88	566.58	568.68	566.27
10/21/2003	575.87	573.45	570.53	570.32	572.14	570.78	570.22	569.35	566.74	566.94	566.66	567.58	566.33
10/28/2003	575.96	573.66	570.35	570.23	572.31	570.92	569.57	569.31	566.71	566.89	566.56	567.48	566.32
11/6/2003	575.92	573.66	570.21	570.10	572.46	570.88	569.85	569.34	566.67	566.78	566.57	567.41	566.29
11/14/2003	575.84	573.69	570.64	570.53	572.59	571.50	570.89	569.29	566.71	566.77	566.50	567.33	566.39
11/19/2003	575.87	573.57	570.82	570.62	572.01	570.99	570.08	569.18	566.76	566.95	566.44	567.39	566.19
12/3/2003	575.78	573.42	570.16	570.05	571.94	570.74	569.79	569.28	566.72	566.89	566.55	567.58	566.34
12/10/2003	575.85	573.30	570.50	570.33	571.88	570.84	569.60	569.27	566.65	566.83	566.58	567.51	566.27
12/16/2003	575.84	573.39	570.37	570.23	571.94	570.76	570.12	569.37	566.67	566.90	566.52	567.57	566.23
12/23/2003	575.95	573.60	570.43	570.32	572.05	570.93	569.72	569.18	566.62	566.79	566.64	567.50	566.26
12/30/2003	576.05	573.67	570.53	570.39	572.55	571.10	571.73	569.35	566.69	566.73	566.53	567.53	566.43

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/6/2004	575.81	573.45	570.36	570.23	572.05	571.03	572.57	569.24	566.73	566.90	566.57	567.35	566.37
1/13/2004	575.82	573.15	570.31	570.13	572.03	570.99	569.00	569.23	566.64	566.91	566.61	567.43	566.35
1/22/2004	575.80	573.00	570.39	570.22	571.94	570.68	570.63	569.27	566.69	566.84	566.46	567.33	566.34
1/28/2004	575.81	572.84	570.31	570.15	571.86	570.89	569.73	569.21	566.60	566.89	566.47	567.55	566.30
2/4/2004	575.84	573.01	570.01	569.91	571.89	570.65	569.06	569.27	566.69	566.85	566.46	567.34	566.32
2/10/2004	575.82	573.41	570.34	570.23	572.10	571.08	569.52	569.21	566.74	566.86	566.57	567.44	566.31
2/17/2004	575.65	573.18	569.99	569.93	571.67	570.88	569.49	569.04	566.67	566.82	566.46	567.46	566.23
2/25/2004	575.87	573.40	570.15	570.06	571.65	570.91	569.74	569.27	567.11	566.90	566.55	567.42	566.23
3/3/2004	576.05	573.94	570.65	570.49	572.34	571.48	570.39	569.35	567.00	566.86	566.63	567.60	566.30
3/11/2004	575.88	573.71	571.29	571.23	572.53	571.80	569.93	569.18	566.74	566.90	566.44	567.52	566.55
3/18/2004	575.81	573.48	570.34	570.20	571.91	570.98	569.86	569.21	566.78	566.75	566.44	567.48	565.97
3/25/2004	575.96	573.64	570.36	570.26	572.45	571.37	570.1	568.33	566.94	567.08	566.59	567.48	566.43
3/31/2004	575.85	573.60	570.54	570.39	572.61	571.22	569.99	569.14	566.81	566.78	566.66	567.33	566.23
4/7/2004	575.85	573.65	570.47	570.34	572.41	571.17	570.16	569.26	566.88	566.82	566.47	567.39	566.30
4/13/2004	575.81	573.55	570.40	570.26	572.37	571.16	570.33	569.23	566.87	566.77	566.62	567.34	566.28
4/20/2004	575.79	573.52	570.17	570.05	572.41	570.97	570.40	569.27	566.77	566.91	566.57	567.58	566.35
4/27/2004	575.92	573.13	570.07	569.45	571.69	571.09	570.90	569.20	566.69	566.70	566.47	567.44	566.24
5/4/2004	575.91	573.08	569.75	569.19	571.77	570.78	570.68	569.26	566.80	566.82	566.42	567.48	566.42
5/11/2004	575.85	573.07	569.77	569.20	571.81	570.95	570.65	569.17	566.62	566.86	566.39	566.34	566.29
5/18/2004	575.77	572.82	569.87	569.31	571.56	571.04	570.69	569.31	566.77	566.80	566.53	567.50	566.38
5/28/2004	575.77	572.82	569.87	569.31	571.56	571.04	570.69	569.31	566.77	566.80	566.53	567.50	566.38
6/3/2004	575.78	573.06	569.68	569.12	571.68	570.97	571.16	569.31	566.77	566.70	566.42	567.50	566.43
6/10/2004	575.71	572.92	569.69	569.12	571.69	570.86	571.37	569.19	566.82	566.70	566.53	567.58	566.43
6/16/2004	575.70	572.89	569.55	569.01	571.65	570.78	570.85	569.37	566.83	566.82	566.53	567.44	566.38
6/23/2004	575.76	572.86	569.65	569.07	571.78	571.63	571.33	569.19	566.72	566.75	566.57	567.50	566.43
6/30/2004	575.66	572.75	569.51	568.98	571.67	571.45	571.67	569.27	566.86	566.78	566.57	567.54	566.27
7/7/2004	575.88	573.05	569.79	569.25	571.82	571.31	571.79	569.38	566.78	566.73	566.42	566.94	566.45
7/14/2004	575.81	572.98	569.95	569.35	571.62	571.32	572.21	569.25	566.81	566.80	566.47	567.47	566.29
7/22/2004	575.77	572.95	569.76	569.18	571.80	571.08	571.29	569.33	566.70	566.70	566.52	566.80	566.35
7/28/2004	575.91	573.14	569.67	569.12	572.15	571.06	571.33	569.26	566.80	566.68	566.53	567.42	566.33
8/4/2004	575.81	573.04	569.88	569.29	572.25	571.09	570.87	569.21	566.77	566.88	566.37	567.53	566.44
8/12/2004	575.74	572.84	569.67	569.08	571.94	570.98	571.20	569.34	566.81	566.83	566.53	567.48	566.30
8/18/2004	575.70	572.92	569.85	569.28	571.24	570.91	571.03	569.36	566.63	566.86	566.47	567.52	566.38
8/25/2004	575.53	572.70	569.49	568.94	571.00	570.48	570.95	569.26	566.78	566.82	566.57	567.04	566.26
9/1/2004	575.85	572.94	569.57	569.04	570.54	570.98	570.78	569.21	566.74	566.66	566.53	567.14	566.33
9/10/2004	575.89	573.40	569.76	569.26	571.72	572.39	570.89	569.21	566.78	566.70	566.52	567.48	566.36
9/15/2004	575.83	572.92	569.84	569.26	571.62	571.21	571.03	569.16	566.78	566.69	566.11	567.47	566.25
9/22/2004	575.74	572.71	569.62	569.05	571.22	571.04	571.05	569.24	566.73	566.72	566.06	566.33	566.29
9/29/2004	575.66	572.57	569.48	568.90	570.80	570.24	570.62	569.33	566.64	566.77	565.67	567.38	566.23
10/6/2004	575.44	572.45	569.31	568.75	571.05	570.27	571.01	569.20	566.67	566.78	566.46	567.44	566.34
10/13/2004	575.52	572.60	569.63	569.01	570.89	570.22	570.06	569.23	566.74	566.83	566.41	567.33	566.33
10/21/2004	575.90	572.94	569.69	569.11	571.30	570.95	570.12	569.23	566.79	566.76	566.31	567.43	566.36
10/27/2004	575.78	572.60	569.38	568.81	571.22	570.33	569.74	569.19	566.82	566.71	566.12	567.38	566.39
11/3/2004	575.88	573.08	569.18	568.65	571.42	570.85	569.64	569.17	566.82	566.72	566.27	567.37	566.27
11/9/2004	575.77	572.72	569.13	568.60	571.40	570.71	570.32	569.27	566.77	566.73	566.43	567.45	566.36
11/17/2004	575.75	572.69	569.50	568.92	571.18	570.20	569.9	569.27	566.79	566.72	566.45	567.56	566.26
11/23/2004	575.79	572.77	569.55	568.97	571.14	570.31	570.14	569.31	566.76	566.87	566.23	567.34	566.37
12/2/2004	575.90	573.29	569.76	569.25	571.92	572.15	569.79	569.25	566.71	566.75	566.47	567.24	566.43
12/9/2004	575.88	573.11	568.11	569.36	571.81	571.86	570.34	569.17	566.91	566.89	566.61	567.44	566.27
12/16/2004	575.86	572.96	569.76	569.26	571.56	571.36	570.94	569.47	566.78	567.04	566.83	567.29	567.14
12/24/2004	575.86	573.21	569.46	568.96	571.71	571.76	570.64	569.22	566.78	566.84	566.53	567.34	566.29
12/30/2004	575.81	572.96	569.51	569.01	571.51	571.16	569.94	569.37	566.93	566.84	566.38	567.39	566.14

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/6/2005	575.81	573.36	570.31	569.71	571.79	571.34	573.44	569.27	566.78	566.81	566.55	567.52	566.31
1/13/2005	575.96	573.41	570.11	569.51	571.91	571.16	570.94	569.27	566.93	566.86	566.56	567.34	566.74
1/20/2005	575.76	573.06	569.81	569.21	571.86	571.06	570.74	569.17	566.83	566.84	566.18	567.29	565.89
1/27/2005	575.59	572.91	569.21	568.61	571.36	570.41	570.64	569.22	566.83	566.81	566.23	567.39	567.19
2/3/2005	575.61	573.01	569.61	569.01	571.31	570.31	570.54	569.27	566.83	566.84	566.53	567.39	567.19
2/10/2005	575.81	573.16	570.56	570.11	571.96	571.36	570.64	569.17	566.83	567.04	566.53	567.49	565.44
2/17/2005	575.96	573.36	569.96	569.36	571.71	571.26	570.94	569.32	566.88	566.69	566.43	567.44	566.24
2/24/2005	575.71	573.21	569.61	569.06	571.61	571.06	570.34	569.32	566.88	566.94	566.33	567.34	566.29
3/3/2005	575.66	573.16	569.51	568.91	571.61	570.96	571.04	569.22	566.93	566.74	566.53	567.49	566.24
3/10/2005	575.81	573.26	569.61	569.06	571.46	571.36	570.94	569.37	566.83	566.69	566.38	567.34	566.34
3/17/2005	575.81	573.21	569.56	568.96	571.66	571.31	571.04	569.32	566.83	566.74	566.68	567.39	566.44
3/22/2005	575.94	573.34	569.45	568.94	571.80	571.32	570.94	569.26	566.97	566.70	566.30	567.37	567.12
3/30/2005	575.82	573.25	569.56	569.01	571.62	571.25	570.79	569.34	566.87	566.85	566.60	567.44	566.56
4/7/2005	575.83	573.41	570.13	569.55	572.32	571.88	571.54	569.28	566.88	566.96	566.52	567.40	566.31
4/14/2005	575.62	573.17	570.09	569.74	572.07	571.92	571.04	570.12	567.08	566.94	566.78	567.99	566.64
4/21/2005	575.57	573.05	569.55	568.95	571.58	571.12	570.95	569.04	566.69	566.76	566.33	567.91	566.23
4/28/2005	575.82	573.19	569.51	568.95	571.86	571.36	572.63	569.16	566.64	566.89	566.27	568.10	566.29
5/5/2005	575.69	573.11	569.18	568.65	571.48	571.45	571.14	569.11	566.96	566.76	566.14	567.84	566.30
5/12/2005	575.60	572.92	569.05	568.50	571.25	570.97	570.27	569.40	566.96	566.78	566.17	568.01	566.27
5/19/2005	575.62	573.00	569.31	568.76	571.22	571.07	571.08	569.06	566.67	566.86	566.43	568.12	566.32
5/26/2005	575.58	572.96	569.27	568.70	571.15	571.11	571.16	569.21	566.63	566.93	566.56	568.24	566.29
6/2/2005	575.54	572.89	569.09	568.53	571.12	570.95	570.96	569.18	566.57	566.93	566.17	568.11	566.36
6/9/2005	575.49	572.84	569.12	568.56	571.45	570.93	570.93	569.22	566.77	566.89	566.42	568.28	566.33
6/15/2005	575.87	573.22	569.64	569.07	571.55	571.60	571.09	569.05	566.87	566.90	566.40	568.16	566.38
6/22/2005	575.73	572.87	569.36	568.77	571.30	571.38	570.81	569.07	566.80	566.94	566.06	568.15	566.28
6/29/2005	575.57	572.76	569.30	568.71	571.18	571.05	571.03	569.38	566.86	567.07	566.67	568.78	566.23
7/6/2005	575.41	572.65	569.07	568.51	571.08	571.07	570.39	569.11	566.71	566.93	566.62	567.94	566.23
7/13/2005	575.38	572.65	569.18	568.60	570.98	570.65	570.56	569.00	566.79	566.92	566.64	568.05	566.36
7/21/2005	575.72	572.88	569.41	568.85	571.31	570.89	570.75	569.14	566.79	566.87	566.63	567.98	565.78
7/28/2005	575.69	572.80	569.11	568.56	571.31	570.75	570.78	569.14	566.69	566.87	566.68	568.11	566.33
8/4/2005	575.57	572.61	569.26	568.66	570.78	570.62	570	569.11	566.84	566.89	566.66	568.13	566.30
8/11/2005	575.21	572.55	569.13	568.57	570.72	570.47	570.39	569.07	566.74	566.87	566.39	568.18	566.28
8/18/2005	575.35	572.45	569.12	568.56	570.85	570.46	570.43	569.18	566.80	566.78	566.67	568.13	566.23
8/23/2005	575.40	572.78	569.18	568.71	570.82	570.32	570.19	569.23	566.96	567.22	567.00	568.68	566.96
8/31/2005	575.94	573.36	569.98	569.51	572.05	572.12	571.24	569.17	566.77	566.95	571.53	568.28	566.32
9/6/2005	575.68	572.84	569.80	569.31	571.55	571.17	570.24	569.11	566.75	566.96	571.28	568.10	569.33
9/12/2005	575.57	572.65	569.55	568.96	571.43	570.65	570.44	569.17	566.70	566.89	566.74	568.07	565.93
9/23/2006	575.71	572.70	569.43	568.85	571.58	570.61	569.84	569.08	566.60	566.94	566.67	568.11	566.39
9/29/2006	575.85	573.15	570.05	569.46	571.81	571.01	574.64	569.10	566.67	566.90	566.77	568.14	566.42
10/3/2006	575.77	572.94	569.52	568.97	571.32	570.96	570.24	569.19	566.62	566.90	566.83	568.23	566.29
10/12/2006	575.77	572.90	569.40	568.84	571.11	570.50	569.83	569.13	566.78	566.92	566.82	568.02	566.32
10/21/2006	575.58	572.99	569.28	568.71	571.18	570.56	569.19	569.07	566.63	566.86	566.68	567.89	566.74
10/28/2006	575.89	573.33	569.39	568.87	572.74	570.87	570.04	569.15	566.85	566.85	566.91	568.30	566.39
11/2/2006	575.70	573.22	569.47	568.92	571.20	570.74	570.14	569.21	566.67	566.84	566.69	568.24	566.37
11/7/2006	575.66	573.21	569.47	568.95	571.79	571.75	570.74	569.04	566.79	566.87	566.84	568.39	566.31
11/18/2006	575.81	573.39	569.66	569.12	572.00	571.36	569.89	569.12	566.66	566.79	566.68	568.24	566.44
11/21/2006	575.78	573.44	570.01	569.45	571.55	571.07	570.34	569.16	566.72	566.83	566.83	568.18	566.38
11/28/2006	575.80	573.44	569.77	569.20	571.68	571.20	568.84	569.11	566.73	566.83	566.84	567.50	566.28
12/9/2006	575.81	573.73	570.11	569.56	572.56	572.76	571.34	569.14	566.79	566.94	566.73	568.29	566.39
12/13/2006	575.62	573.45	569.62	569.07	572.07	571.08	569.64	569.07	566.77	566.75	566.74	567.87	566.30
12/21/2006	575.69	573.30	569.83	569.24	571.91	570.83	570.44	569.17	566.74	566.92	566.84	568.06	566.33
12/28/2006	575.87	573.65	569.94	569.37	572.05	571.09	569.34	569.20	566.79	566.88	566.79	568.08	566.30

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/2/2007	575.70	573.95	570.14	569.76	572.34	571.43	571.34	569.60	566.72	566.75	566.70	567.53	566.43
1/12/2007	575.78	574.20	570.23	570.10	572.93	572.61	571.74	569.31	566.94	566.80	566.92	567.38	566.36
1/17/2007	575.80	574.05	569.97	569.87	572.95	572.71	571.72	569.16	566.97	566.75	566.89	567.45	566.32
1/22/2007	575.75	574.12	569.95	569.96	572.96	572.80	570.64	569.15	566.76	566.78	566.91	567.53	566.35
1/31/2007	575.70	573.98	570.00	569.88	572.98	572.77	572.44	569.41	566.80	566.83	567.01	567.55	566.43
2/5/2007	575.62	574.10	570.13	570.01	572.69	572.53	572.44	569.08	567.08	566.88	566.77	567.52	566.36
2/16/2007	575.61	574.09	570.35	570.20	572.58	572.28	571.44	569.08	566.97	567.02	566.71	567.37	566.34
2/26/2007	575.64	574.03	570.34	570.20	572.27	572.26	570.64	569.11	566.94	567.06	566.65	567.48	566.43
3/8/2007	575.64	574.03	570.06	569.96	572.50	572.33	570.74	569.19	566.92	566.92	566.82	567.32	566.31
3/22/2007	575.67	574.15	570.52	570.36	572.90	572.53	571.44	569.21	566.76	566.83	566.86	567.36	566.40
3/28/2007	575.79	574.01	570.02	569.92	572.54	572.38	571.04	567.12	566.74	566.93	566.88	567.76	566.74
4/5/2007	575.80	574.15	570.58	569.96	572.79	572.45	571.94	568.98	566.79	566.88	566.77	567.42	566.52
4/12/2007	575.75	574.10	570.43	570.29	572.73	572.53	570.94	569.11	566.88	566.83	566.92	567.35	566.30
4/27/2007	575.98	574.08	570.30	570.17	572.92	572.58	571.19	569.19	566.82	567.08	566.81	567.45	566.36
5/4/2007	575.54	574.21	570.14	569.96	572.81	572.45	571.04	569.35	566.86	566.67	566.90	567.42	566.48
5/11/2007	575.61	573.89	570.90	570.94	572.72	572.57	571.34	576.91	572.33	571.14	572.31	573.04	573.04
5/18/2007	575.55	573.81	569.83	569.74	572.38	572.13	570.64	569.21	566.86	566.96	566.81	567.38	566.20
5/24/2007	575.58	573.80	570.03	569.78	572.59	571.55	571.14	569.28	566.89	566.77	566.90	567.45	566.05
5/31/2007	575.30	573.55	569.79	569.66	571.60	571.88	570.44	569.04	566.72	566.77	567.17	567.40	566.28
6/8/2007	575.75	573.53	569.76	569.63	572.30	572.02	571.24	569.23	566.77	566.78	566.97	567.44	566.31
6/12/2007	575.84	573.42	569.61	569.48	572.04	571.90	570.54	569.18	566.67	566.78	566.90	567.45	566.29
6/18/2007	575.70	573.28	569.74	569.57	572.20	571.88	570.59	569.28	566.87	566.76	566.92	567.56	566.33
6/25/2007	575.50	573.22	569.41	569.30	571.54	571.55	571.99	569.21	566.73	566.80	566.90	567.41	566.42
7/3/2007	575.55	573.25	569.52	569.42	571.62	571.53	572.04	569.33	566.86	566.68	566.91	567.50	566.25
7/12/2007	575.54	573.21	569.52	569.39	572.82	571.29	571.44	569.11	566.61	566.89	566.81	567.50	566.34
7/17/2007	575.48	573.18	569.39	569.26	571.68	571.41	570.74	569.20	566.80	566.89	566.32	567.54	566.33
7/26/2007	575.79	573.29	569.60	570.44	571.71	570.48	569.86	569.19	566.80	566.94	566.81	567.61	566.37
8/1/2007	575.95	573.32	569.56	569.42	571.75	571.53	570.89	569.11	566.74	566.97	566.91	567.45	566.38
8/10/2007	575.84	573.43	569.63	569.32	571.76	571.36	570.79	569.15	566.82	566.67	567.04	567.53	566.46
8/16/2007	575.30	573.13	569.59	569.45	571.73	571.09	570.79	569.14	566.64	566.90	565.93	567.48	566.42
8/23/2007	575.42	573.27	569.63	569.58	571.71	571.06	570.74	569.28	566.67	566.72	566.75	567.53	566.52
8/30/2007	575.45	573.11	569.46	569.32	571.71	571.04	570.14	569.23	566.68	566.87	566.53	567.50	566.34
9/12/2007	576.05	573.25	569.51	569.39	571.86	571.36	570.99	569.25	566.76	566.77	566.70	567.54	566.40
9/21/2007	576.02	573.33	569.63	569.47	571.85	571.38	570.09	569.40	566.77	566.88	566.76	567.65	566.37
9/28/2007	575.49	573.51	569.74	569.62	572.23	572.00	570.74	569.19	566.64	566.89	567.02	567.42	566.46
10/3/2007	575.59	573.36	569.89	569.77	572.12	572.15	566.24	569.27	566.45	566.81	567.04	567.57	566.37
10/10/2007	575.70	573.46	570.03	569.86	572.31	572.09	565.87	569.28	566.75	566.93	567.10	567.48	566.61
10/17/2007	575.79	573.71	569.88	569.57	572.35	571.68	570.79	569.26	566.76	566.92	567.03	567.53	566.52
10/26/2007	575.74	573.82	569.99	569.85	572.43	571.55	570.89	569.41	566.62	566.82	566.91	567.72	566.51
11/1/2007	575.76	573.58	569.89	569.76	572.09	572.09	570.14	569.18	566.81	566.81	566.90	567.58	566.40
11/19/2007	575.75	573.65	569.59	569.50	571.93	571.69	571.34	569.19	566.77	566.95	567.10	567.66	566.27
11/30/2007	575.72	573.77	569.91	569.81	572.06	571.77	571.09	569.25	566.80	566.83	567.05	567.78	566.60
12/7/2007	575.55	573.97	570.13	570.01	572.64	572.08	570.59	569.31	566.56	566.80	567.16	567.46	566.66
12/14/2007	575.58	573.88	570.08	569.91	572.66	571.92	570.59	569.40	566.68	566.75	566.90	567.53	566.62
12/18/2007	575.50	574.09	570.16	569.93	572.50	571.82	570.34	569.41	566.62	566.75	567.07	567.56	566.60
12/24/2007	575.65	574.22	570.07	569.96	572.38	571.76	570.84	569.42	566.70	566.73	566.92	567.68	566.65

Appendix C-1

Historical Water Table Elevations

Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/3/2008	575.80	573.96	569.72	569.71	572.39	571.75	570.84	569.68	566.67	566.85	566.95	567.78	566.77
1/11/2008	575.78	574.03	569.71	569.70	572.35	571.68	570.44	569.61	566.70	566.80	566.90	567.80	566.65
1/15/2008	575.75	574.07	569.79	569.63	572.36	571.55	570.64	569.50	566.74	566.82	566.81	567.76	566.63
1/22/2008	575.77	574.04	569.81	569.71	572.43	571.48	570.44	569.55	566.67	566.75	566.79	567.82	566.53
2/1/2008	575.76	576.11	569.89	569.82	572.68	571.42	570.54	569.48	566.62	566.67	566.77	567.70	566.58
2/14/2008	575.79	574.07	570.13	570.03	572.78	572.33	570.44	569.23	566.77	566.85	567.00	567.35	566.38
2/27/2008	575.77	574.11	569.99	570.03	572.86	572.31	570.39	569.28	566.59	566.93	567.12	567.53	566.45
3/7/2008	575.75	574.07	570.01	569.96	572.87	572.32	570.29	569.41	566.76	566.67	566.97	567.65	566.52
3/12/2008	575.80	574.10	570.26	570.08	572.88	572.17	570.15	569.41	566.63	566.99	567.23	567.48	566.43
3/21/2008	575.82	574.21	570.23	569.93	572.75	572.15	570.35	569.53	566.76	566.87	567.27	567.51	566.55
4/4/2008	575.86	574.23	570.13	571.00	572.80	571.98	570.44	569.51	566.81	566.83	567.02	567.65	566.62
4/11/2008	575.72	574.17	570.21	570.83	572.76	571.88	570.44	569.55	566.79	566.84	566.97	567.76	566.54
4/18/2008	575.60	574.08	569.99	570.07	572.81	571.82	570.39	569.66	566.85	566.67	566.90	567.80	566.49
4/25/2008	575.77	573.93	569.92	569.80	572.60	571.82	570.44	569.28	566.62	566.82	567.02	567.55	566.62
5/2/2008	575.75	574.02	569.93	569.83	572.48	571.78	570.44	569.34	566.87	566.72	566.97	567.62	566.58
5/8/2008	575.73	574.07	569.91	569.85	572.55	571.77	570.39	569.50	566.81	566.83	566.89	567.71	566.56
5/21/2008	575.54	573.93	571.13	571.05	572.73	571.91	570.29	569.23	566.60	566.40	567.07	567.43	566.51
5/30/2008	575.55	573.86	569.78	569.60	572.51	571.64	570.44	569.18	566.53	566.33	567.17	567.56	566.30
6/6/2008	575.53	574.22	569.82	569.52	572.58	571.57	570.39	569.23	566.62	566.47	567.14	567.68	566.12
6/11/2008	575.57	574.17	569.89	569.55	572.64	571.46	570.44	569.34	566.57	566.55	567.07	567.71	566.17
6/20/2008	575.55	574.18	569.87	569.50	572.63	571.48	570.44	569.48	566.59	566.53	566.87	567.68	566.25
6/23/2008	575.54	574.11	569.79	569.57	572.63	571.47	570.44	569.41	566.60	566.50	567.19	567.58	566.13
7/1/2008	575.85	573.71	569.49	569.37	572.50	571.40	570.29	569.28	566.51	566.48	566.94	567.11	566.45
7/7/2008	575.75	573.63	569.55	569.34	572.36	571.30	570.31	569.30	566.38	566.34	566.73	567.48	566.42
7/16/2008	575.76	573.50	569.30	569.16	572.63	571.39	570.31	569.22	566.48	566.24	566.98	567.42	566.44
7/25/2008	575.94	573.69	569.45	569.34	572.72	571.72	571.44	569.22	566.58	566.44	567.23	567.39	566.34
7/31/2008	575.11	572.88	569.64	569.62	572.41	571.77	570.24	569.26	566.47	566.47	567.27	567.58	566.42
8/8/2008	575.18	572.95	569.57	569.33	572.33	571.75	570.39	569.21	566.96	566.53	567.98	567.40	566.43
8/15/2008	575.29	572.92	569.59	569.42	572.46	571.57	570.44	569.30	566.79	566.58	567.51	567.48	566.51
8/20/2008	575.35	572.99	569.64	569.41	572.40	571.52	570.29	569.39	566.76	566.65	567.47	567.53	566.53
8/27/2008	575.75	573.50	569.95	569.80	572.51	571.30	570.14	569.33	566.67	566.50	566.76	567.58	566.53
9/3/2008	575.73	573.51	569.91	569.77	572.40	571.35	570.24	569.30	566.69	566.58	566.84	567.65	566.46
9/15/2008	575.67	573.73	569.81	569.58	572.88	571.80	570.24	569.28	566.83	566.42	567.27	567.45	566.35
9/24/2008	575.79	573.35	569.60	569.45	571.98	571.13	570.24	568.61	566.26	566.43	567.26	567.49	566.40
10/8/2008	575.75	573.43	569.62	569.55	572.73	571.27	570.19	569.16	566.79	566.40	567.22	567.48	566.42
10/17/2008	575.77	573.47	569.59	569.45	572.53	571.53	570.24	569.20	566.81	566.48	567.26	567.54	566.46
11/7/2008	575.49	573.45	569.88	569.71	572.01	570.48	569.74	569.26	566.76	566.35	567.17	567.40	566.73
11/14/2008	575.56	573.82	569.91	569.92	572.08	570.56	570.29	569.28	566.71	566.55	567.14	567.56	566.70
11/19/2008	575.53	573.88	569.98	569.76	572.20	570.57	569.34	569.66	566.70	566.40	567.32	567.45	566.45
11/24/2008	575.73	573.63	569.84	569.72	572.40	571.17	569.64	569.31	566.72	566.37	567.16	567.60	566.38
12/5/2008	575.68	573.72	569.89	569.76	572.46	571.21	569.84	569.23	566.67	566.70	567.20	567.62	566.51
12/12/2008	575.59	573.77	570.03	569.86	572.85	571.18	570.24	569.71	566.66	566.67	567.22	567.50	566.41
12/23/2008	575.84	573.78	569.79	569.65	572.62	571.47	570.44	569.28	566.67	566.70	567.19	567.09	566.30
12/30/2008	575.76	573.82	569.76	569.58	572.60	571.46	570.39	569.26	566.74	566.58	567.17	567.15	566.46

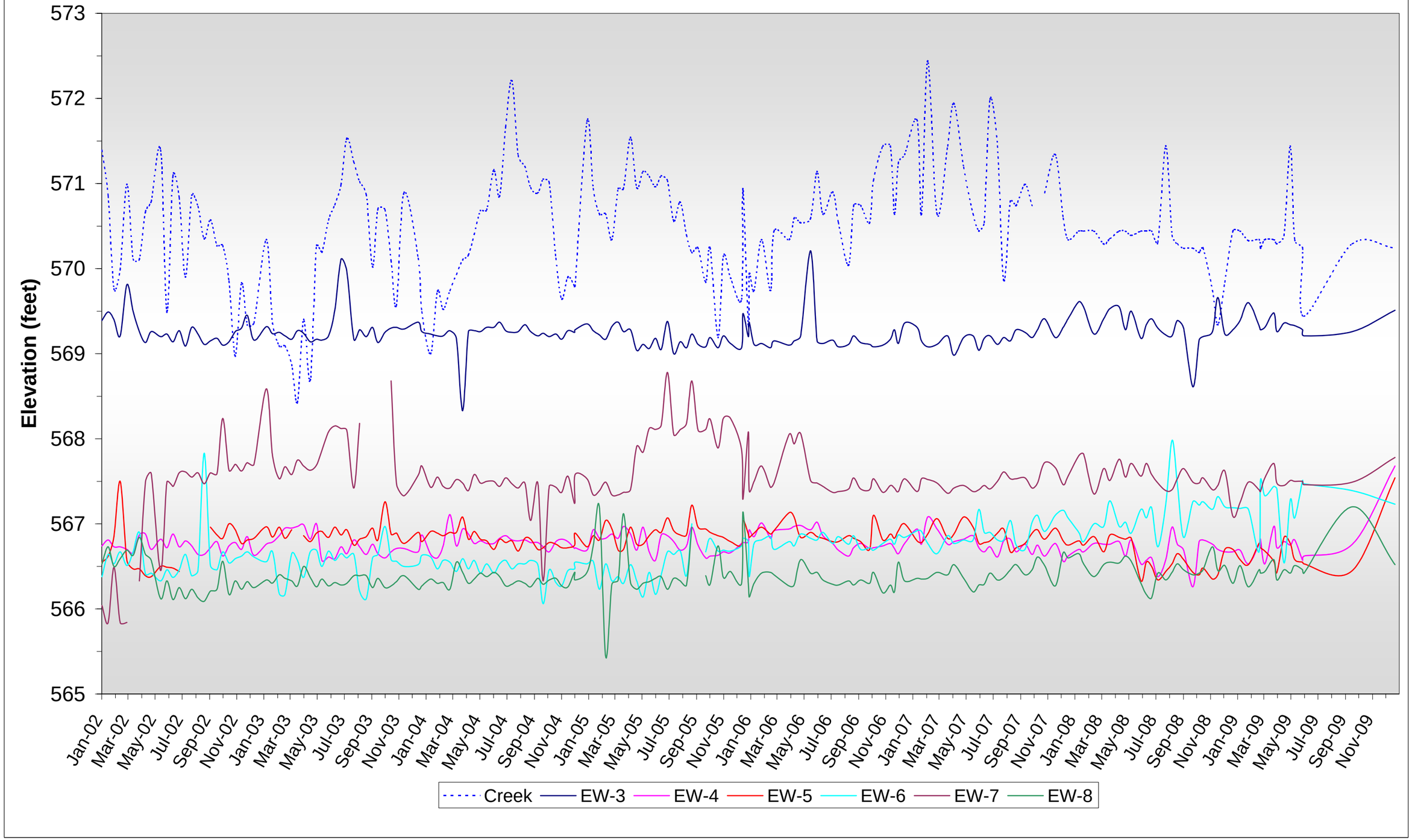
Appendix C-1

Historical Water Table Elevations

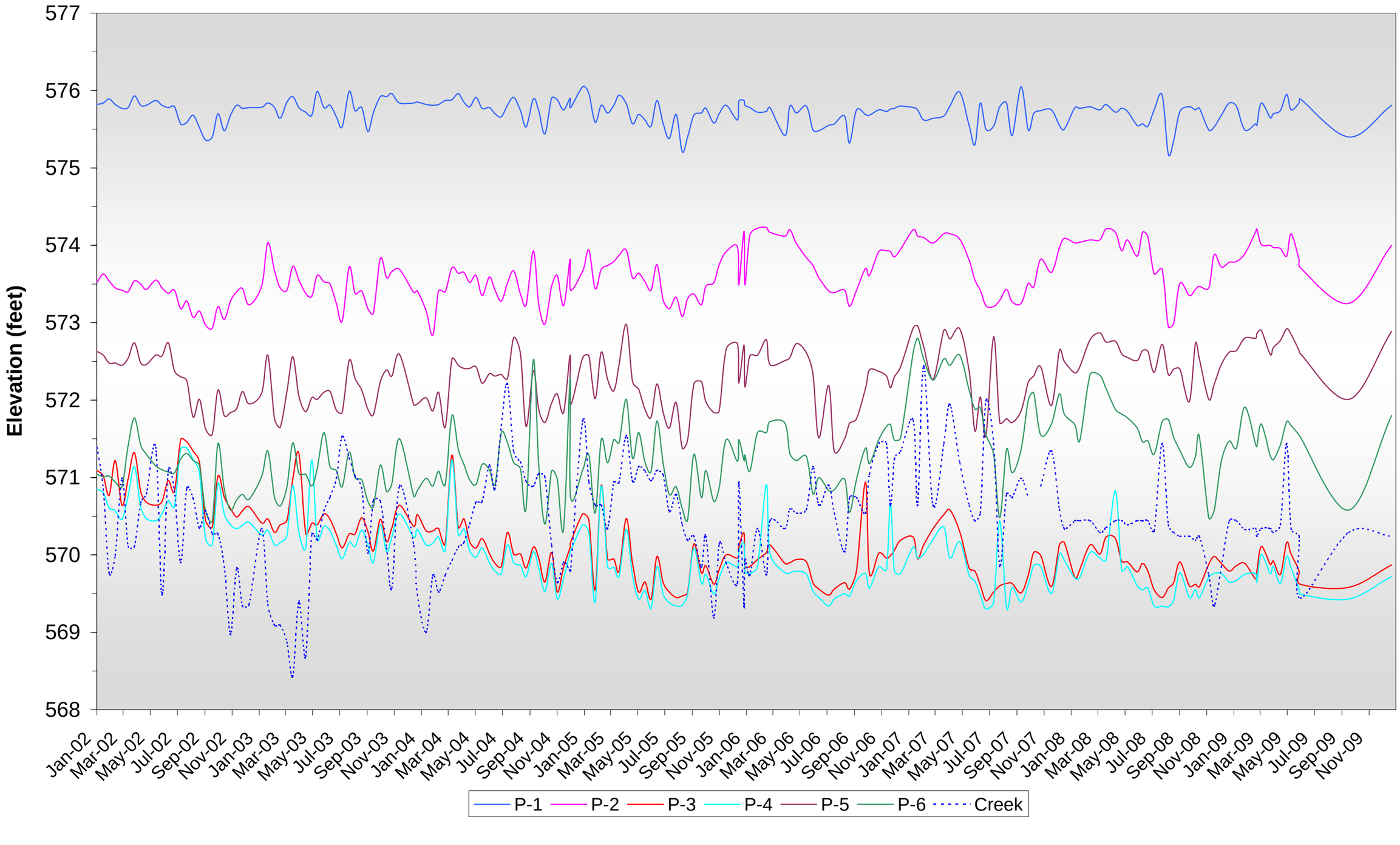
Date	Well Location												
	P-1	P-2	P-3	P-4	P-5	P-6	Creek	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8
1/8/2009	575.80	573.79	569.86	569.67	572.64	571.38	570.44	569.39	566.69	566.58	567.18	567.25	566.51
1/27/2009	575.49	573.89	569.89	569.75	572.80	571.91	570.33	569.60	566.53	566.52	567.17	567.49	566.26
2/20/2009	575.57	574.17	569.69	569.76	572.80	571.43	570.34	569.33	566.76	566.77	566.67	567.40	566.46
2/23/2009	575.55	574.21	569.79	569.65	572.86	571.40	570.24	569.28	566.82	566.72	567.51	567.38	566.42
3/5/2009	575.84	574.01	570.11	570.00	572.90	571.69	570.34	569.31	566.53	566.68	567.33	567.54	566.44
3/18/2009	575.64	573.96	569.83	569.81	572.81	571.32	570.39	569.31	566.89	566.67	567.57	567.40	566.52
3/25/2009	575.65	574.00	569.88	569.76	572.59	571.28	570.34	569.48	566.97	566.56	567.44	567.71	566.58
4/1/2009	575.70	573.97	569.92	569.85	572.68	571.23	570.29	569.26	566.72	566.43	567.41	567.48	566.34
4/10/2009	575.69	573.98	570.24	569.66	572.92	571.47	570.39	569.31	566.64	566.63	567.53	567.37	566.46
4/17/2009	575.74	573.96	569.75	569.63	572.77	571.42	570.39	569.36	566.79	566.84	566.54	567.45	566.46
4/23/2009	575.73	574.00	569.74	569.70	572.75	571.38	570.34	569.41	566.81	566.83	566.58	567.52	566.58
5/1/2009	575.95	573.86	570.16	569.98	572.92	571.72	571.44	569.34	566.75	566.77	567.28	567.51	566.42
5/6/2009	575.80	573.95	570.03	569.88	572.81	571.77	570.44	569.43	566.81	566.75	567.17	567.52	566.46
5/11/2009	575.75	574.15	570.01	569.83	572.85	571.67	570.34	569.33	566.81	566.58	567.07	567.50	566.51
5/21/2009	575.70	574.10	569.89	569.76	572.81	571.62	570.24	569.15	566.69	566.63	567.37	567.58	566.41
5/29/2009	575.84	573.81	569.79	569.55	572.64	571.55	570.24	569.28	566.57	566.55	567.51	567.50	566.46
6/1/2009	575.89	573.71	569.62	569.49	572.60	571.52	569.44	569.21	566.62	566.53	567.47	567.46	566.42
12/23/2009	575.81	574.00	569.87	569.72	572.89	571.80	570.24	569.51	567.68	567.54	567.23	567.78	566.52

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

Work Order: RSG0816

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Paul K Morrow

Paul Morrow

Project Manager
Paul.Morrow@testamericainc.com

Friday, July 31, 2009

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0816-01 (001 - Water)						**Sampled: 07/21/09 16:00**		**Recvd: 07/22/09 09:00**		
General Chemistry Parameters										
Total Cyanide	**0.187**		0.0100	0.0050	mg/L	1.00	07/24/09 08:52	jmm	9G23075	335.4
pH	**7.82**	HFT	NR	0.00	SU	1.00	07/22/09 23:47	JME	9G23010	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSG0816-01	Water	07/21/09 16:00	07/22/09 09:00	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Analytical Report

Sample ID: RSG0816-01 (001 - Water) **Sampled: 07/21/09 16:00** **Recvd: 07/22/09 09:00**

Acid and Base/Neutral Extractables by EPA Method 625

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,2,4-Trichlorobenzene	ND		9.4	0.46	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
1,2-Diphenylhydrazine	ND		9.4	0.059	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
1,3-Dichlorobenzene	ND		9.4	0.065	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
1,4-Dichlorobenzene	ND		9.4	0.085	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,4,6-Trichlorophenol	ND		4.7	0.22	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,4-Dichlorophenol	ND		4.7	0.28	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,4-Dimethylphenol	ND		4.7	0.13	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,4-Dinitrophenol	ND		9.4	0.79	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,4-Dinitrotoluene	ND		4.7	0.25	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,6-Dinitrotoluene	ND		4.7	0.68	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2-Chloronaphthalene	ND		4.7	0.064	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2-Chlorophenol	ND		4.7	0.15	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2-Nitrophenol	ND		4.7	0.14	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
3,3'-Dichlorobenzidine	ND		4.7	0.78	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
4,6-Dinitro-2-methylphenol	ND		9.4	0.72	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
4-Bromophenyl phenyl ether	ND		4.7	0.11	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
4-Chloro-3-methylphenol	ND		4.7	0.52	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
4-Chlorophenyl phenyl ether	ND		4.7	0.20	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
4-Nitrophenol	ND		9.4	1.3	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Acenaphthene	ND		4.7	0.057	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Acenaphthylene	ND		4.7	0.032	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Anthracene	ND		4.7	0.050	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzidine	ND	L	75	2.4	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzo(a)anthracene	ND		4.7	0.041	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzo(a)pyrene	ND		4.7	0.055	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzo(b)fluoranthene	ND		4.7	0.058	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzo(ghi)perylene	ND		4.7	0.095	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Benzo(k)fluoranthene	ND		4.7	0.039	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Bis(2-chloroethoxy)methane	ND		4.7	0.080	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Bis(2-chloroethyl)ether	ND		4.7	1.0	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2,2'-Oxybis(1-Chloropropane)	ND		4.7	0.081	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Bis(2-ethylhexyl) phthalate	ND		9.4	0.81	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Butyl benzyl phthalate	ND		4.7	1.2	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Chrysene	ND		4.7	0.034	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Dibenzo(a,h)anthracene	ND		4.7	0.052	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Diethyl phthalate	ND		4.7	0.16	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Dimethyl phthalate	ND		4.7	0.16	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Di-n-butyl phthalate	ND		4.7	0.88	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Di-n-octyl phthalate	ND		4.7	4.2	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Fluoranthene	ND		4.7	0.10	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Fluorene	ND		4.7	0.040	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Hexachlorobenzene	ND		4.7	0.26	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Hexachlorobutadiene	ND		4.7	0.58	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Hexachlorocyclopentadiene	ND		4.7	0.43	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0816-01 (001 - Water) - cont.						**Sampled: 07/21/09 16:00**		**Recvd: 07/22/09 09:00**		
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
Hexachloroethane	ND		4.7	0.45	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Indeno(1,2,3-cd)pyrene	ND		4.7	0.18	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Isophorone	ND		4.7	0.15	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Naphthalene	ND		4.7	0.076	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Decane	ND		9.4	1.5	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Nitrobenzene	ND		4.7	0.10	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
N-Nitrosodimethylamine	ND		9.4	0.91	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
N-Nitrosodi-n-propylamine	ND		4.7	0.22	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
N-Nitrosodiphenylamine	ND		4.7	0.37	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
n-Octadecane	ND		9.4	0.66	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Pentachlorophenol	ND		9.4	0.39	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Phenanthrene	ND		4.7	0.067	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Phenol	ND		4.7	0.11	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
Pyrene	ND		4.7	0.039	ug/L	1.00	07/29/09 22:21	JLG	9G22076	625
2-Fluorophenol	*32 %*		*Surr Limits: (17-120%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
Phenol-d5	*24 %*		*Surr Limits: (10-120%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
Nitrobenzene-d5	*77 %*		*Surr Limits: (42-120%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
2-Fluorobiphenyl	*80 %*		*Surr Limits: (44-120%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
2,4,6-Tribromophenol	*93 %*		*Surr Limits: (49-122%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
p-Terphenyl-d14	*41 %*		*Surr Limits: (22-125%)*				*07/29/09 22:21*	*JLG*	*9G22076*	*625*
General Chemistry Parameters										
Total Cyanide	**0.187**		0.0100	0.0050	mg/L	1.00	07/24/09 08:52	jmm	9G23075	335.4
pH	**7.82**	HFT	NA	0.00	SU	1.00	07/22/09 23:47	JME	9G23010	4500-H+ B
Total Metals by EPA 200 Series Methods										
Zinc	ND		0.0100	0.0015	mg/L	1.00	07/25/09 00:59	LMH	9G23064	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	07/27/09 17:50	MXM	9G27026	245.1
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND		5.0	0.73	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,1,2,2-Tetrachloroethane	ND		5.0	1.2	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,1-Dichloroethane	ND		5.0	0.59	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,1-Dichloroethene	ND		5.0	0.85	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,2-Dichloroethane	ND		5.0	0.60	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,2-Dichloroethene, Total	ND		10	3.2	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,2-Dichloropropane	ND		5.0	0.61	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
2-Chloroethyl vinyl ether	ND		25	3.7	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Acrolein	ND		100	17	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Acrylonitrile	ND		100	4.0	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Benzene	ND		5.0	0.60	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Bromodichloromethane	ND		5.0	0.54	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Bromoform	ND		5.0	0.47	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Bromomethane	ND		5.0	1.2	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Carbon Tetrachloride	ND		5.0	0.51	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Chlorobenzene	ND		5.0	0.48	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSG0816-01 (001 - Water) - cont.						**Sampled: 07/21/09 16:00**		**Recvd: 07/22/09 09:00**		
Volatile Organic Compounds - cont.										
Dibromochloromethane	ND		5.0	0.41	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Chloroethane	ND		5.0	0.87	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Chloroform	ND		5.0	0.54	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Chloromethane	ND		5.0	0.64	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
cis-1,3-Dichloropropene	ND		5.0	0.57	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Ethyl Methacrylate	ND		5.0	0.61	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Ethylbenzene	ND		5.0	0.46	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Methylene Chloride	ND		5.0	0.81	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Tetrachloroethene	ND		5.0	0.34	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Toluene	ND		5.0	0.45	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Trichloroethene	ND		5.0	0.60	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Trichlorofluoromethane	ND		5.0	0.45	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
Vinyl chloride	ND		5.0	0.75	ug/L	1.00	07/27/09 23:49	TRB	9G27020	624
1,2-Dichloroethane-d4	*106 %*		*Surr Limits: (88-132%)*				*07/27/09 23:49*	*TRB*	*9G27020*	*624*
4-Bromofluorobenzene	*95 %*		*Surr Limits: (78-122%)*				*07/27/09 23:49*	*TRB*	*9G27020*	*624*
Toluene-d8	*93 %*		*Surr Limits: (87-110%)*				*07/27/09 23:49*	*TRB*	*9G27020*	*624*

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9G22076	RSG0816-01	1,060.00	mL	1.00	mL	07/23/09 08:00	SL	3510C MB
General Chemistry Parameters									
335.4	9G23075	RSG0816-01	50.00	mL	50.00	mL	07/23/09 13:55	RJK	Cn Digestion
4500-H+ B	9G23010	RSG0816-01	40.00	mL	40.00	mL	07/22/09 23:47	JME	No prep pH
Total Metals by EPA 200 Series Methods									
200.7	9G23064	RSG0816-01	50.00	mL	50.00	mL	07/24/09 08:40	KCW	3005A
245.1	9G27026	RSG0816-01	30.00	mL	50.00	mL	07/27/09 14:00	MXM	7470A
Volatile Organic Compounds									
624	9G27020	RSG0816-01	5.00	mL	5.00	mL	07/27/09 15:57	TRB	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 07/29/09 (Lab Number:9G22076-BLK1, Batch: 9G22076)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					L
Benzo[a]anthracene			5.0	0.043	ug/L	ND					
Benzo[a]pyrene			5.0	0.058	ug/L	ND					
Benzo[b]fluoranthene			5.0	0.062	ug/L	ND					
Benzo[g,h,i]perylene			5.0	0.10	ug/L	ND					
Benzo[k]fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
Bis(2-chloroisopropyl) ether			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 07/29/09 (Lab Number:9G22076-BLK1, Batch: 9G22076)											
Chrysene			5.0	0.036	ug/L	ND					
Dibenz[a,h]anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	1.0					J
Dimethyl phthalate			5.0	0.17	ug/L	ND					
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	ND					
Indeno[1,2,3-cd]pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					
Surrogate: 2-Fluorophenol					*ug/L*		*25*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*24*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*62*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*70*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*91*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*61*	*22-125*			
LCS Analyzed: 07/29/09 (Lab Number:9G22076-BS1, Batch: 9G22076)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	33.2	66	44-120			
1,2-Dichlorobenzene		50	10	0.14	ug/L	27.5	55	32-120			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 07/29/09 (Lab Number:9G22076-BS1, Batch: 9G22076)											
1,2-Diphenylhydrazine			10	0.063	ug/L	44.4		47-146			
1,3-Dichlorobenzene		50	10	0.069	ug/L	28.2	56	14-120			
1,4-Dichlorobenzene		50	10	0.090	ug/L	27.9	56	20-120			
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	44.2	88	48-136			
2,4-Dichlorophenol		50	5.0	0.30	ug/L	38.0	76	43-123			
2,4-Dimethylphenol		50	5.0	0.13	ug/L	34.2	68	42-120			
2,4-Dinitrophenol		50	10	0.84	ug/L	38.4	77	20-125			
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	52.9	106	51-139			
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	50.6	101	55-144			
2-Chloronaphthalene		50	5.0	0.068	ug/L	38.5	77	30-120			
2-Chlorophenol		50	5.0	0.16	ug/L	27.4	55	31-120			
2-Nitrophenol		50	5.0	0.14	ug/L	35.1	70	34-123			
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	58.8	118	35-143			
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	55.3	111	32-156			
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	47.0	94	53-127			
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	42.2	84	45-138			
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	41.6	83	43-126			
4-Nitrophenol		50	10	1.3	ug/L	18.3	37	22-120			
Acenaphthene		50	5.0	0.060	ug/L	42.7	85	47-120			
Acenaphthylene		50	5.0	0.034	ug/L	45.6	91	35-129			
Anthracene		50	5.0	0.052	ug/L	47.4	95	49-133			
Benzidine		50	80	2.5	ug/L	62.0	124	1-120			L1,J
Benzo[a]anthracene		50	5.0	0.043	ug/L	36.2	72	50-143			
Benzo[a]pyrene		50	5.0	0.058	ug/L	35.7	71	57-140			
Benzo[b]fluoranthene		50	5.0	0.062	ug/L	32.6	65	59-138			
Benzo[g,h,i]perylene		50	5.0	0.10	ug/L	31.9	64	44-153			
Benzo[k]fluoranthene		50	5.0	0.042	ug/L	33.3	67	50-143			
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	29.2	58	40-120			
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	30.9	62	35-120			
Bis(2-chloroisopropyl) ether		50	5.0	0.086	ug/L	26.4	53	33-120			
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	32.4	65	49-158			
Butyl benzyl phthalate		50	5.0	1.3	ug/L	45.7	91	47-147			
Chrysene		50	5.0	0.036	ug/L	35.3	71	55-146			
Dibenz[a,h]anthracene		50	5.0	0.055	ug/L	30.5	61	45-153			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 07/29/09 (Lab Number:9G22076-BS1, Batch: 9G22076)											
Diethyl phthalate		50	5.0	0.17	ug/L	49.3	99	45-135			B
Dimethyl phthalate		50	5.0	0.17	ug/L	45.9	92	54-120			
Di-n-butyl phthalate		50	5.0	0.94	ug/L	46.3	93	53-120			
Di-n-octyl phthalate		50	5.0	4.5	ug/L	35.6	71	56-146			
Fluoranthene		50	5.0	0.11	ug/L	45.9	92	46-137			
Fluorene		50	5.0	0.043	ug/L	46.5	93	59-121			
Hexachlorobenzene		50	5.0	0.28	ug/L	36.7	73	54-133			
Hexachlorobutadiene		50	5.0	0.62	ug/L	29.6	59	24-120			
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	26.3	53	5-120			
Hexachloroethane		50	5.0	0.48	ug/L	27.0	54	40-113			
Indeno[1,2,3-cd]pyrene		50	5.0	0.19	ug/L	32.0	64	50-147			
Isophorone		50	5.0	0.16	ug/L	36.8	74	34-120			
Naphthalene		50	5.0	0.080	ug/L	36.0	72	33-120			
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	35.0	70	35-120			
N-Nitrosodimethylamine		50	10	0.96	ug/L	19.2	38	19-120			
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	33.4	67	40-120			
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	60.6	121	54-125			
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	23.1	46	37-147			
Phenanthrene		50	5.0	0.071	ug/L	48.6	97	56-120			
Phenol		50	5.0	0.12	ug/L	15.1	30	12-120			
Pyrene		50	5.0	0.041	ug/L	46.7	93	52-120			
Surrogate: 2-Fluorophenol					*ug/L*		*29*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*24*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*70*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*78*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*98*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*54*	*22-125*			
LCS Dup Analyzed: 07/29/09 (Lab Number:9G22076-BSD1, Batch: 9G22076)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	35.9	72	44-120	8	34	
1,2-Dichlorobenzene		50	10	0.14	ug/L	30.9	62	32-120	12	38	
1,2-Diphenylhydrazine			10	0.063	ug/L	42.6		47-146	4	20	
1,3-Dichlorobenzene		50	10	0.069	ug/L	31.4	63	14-120	11	37	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 07/29/09 (Lab Number:9G22076-BSD1, Batch: 9G22076)											
1,4-Dichlorobenzene		50	10	0.090	ug/L	31.7	63	20-120	13	40	
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	41.2	82	48-136	7	20	
2,4-Dichlorophenol		50	5.0	0.30	ug/L	38.5	77	43-123	1	23	
2,4-Dimethylphenol		50	5.0	0.13	ug/L	35.9	72	42-120	5	18	
2,4-Dinitrophenol		50	10	0.84	ug/L	39.1	78	20-125	2	29	
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	49.4	99	51-139	7	20	
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	47.9	96	55-144	5	17	
2-Chloronaphthalene		50	5.0	0.068	ug/L	39.2	78	30-120	2	30	
2-Chlorophenol		50	5.0	0.16	ug/L	29.9	60	31-120	9	26	
2-Nitrophenol		50	5.0	0.14	ug/L	40.0	80	34-123	13	28	
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	57.6	115	35-143	2	31	
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	52.2	104	32-156	6	30	
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	45.1	90	53-127	4	16	
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	42.5	85	45-138	0.7	16	
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	39.6	79	43-126	5	15	
4-Nitrophenol		50	10	1.3	ug/L	19.4	39	22-120	6	24	
Acenaphthene		50	5.0	0.060	ug/L	42.4	85	47-120	0.7	25	
Acenaphthylene		50	5.0	0.034	ug/L	45.7	91	35-129	0.1	22	
Anthracene		50	5.0	0.052	ug/L	46.3	93	49-133	2	15	
Benzidine		50	80	2.5	ug/L	56.4	113	1-120	10	50	J
Benzo[a]anthracene		50	5.0	0.043	ug/L	36.2	72	50-143	0.1	15	
Benzo[a]pyrene		50	5.0	0.058	ug/L	35.0	70	57-140	2	15	
Benzo[b]fluoranthene		50	5.0	0.062	ug/L	32.6	65	59-138	0.03	17	
Benzo[g,h,i]perylene		50	5.0	0.10	ug/L	32.6	65	44-153	2	19	
Benzo[k]fluoranthene		50	5.0	0.042	ug/L	32.3	65	50-143	3	19	
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	30.1	60	40-120	3	23	
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	33.6	67	35-120	8	33	
Bis(2-chloroisopropyl) ether		50	5.0	0.086	ug/L	30.6	61	33-120	14	36	
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	33.3	67	49-158	3	15	
Butyl benzyl phthalate		50	5.0	1.3	ug/L	43.4	87	47-147	5	15	
Chrysene		50	5.0	0.036	ug/L	35.7	71	55-146	1	15	
Dibenz[a,h]anthracene		50	5.0	0.055	ug/L	30.7	61	45-153	0.5	18	
Diethyl phthalate		50	5.0	0.17	ug/L	46.9	94	45-135	5	15	B
Dimethyl phthalate		50	5.0	0.17	ug/L	45.3	91	54-120	1	15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 07/29/09 (Lab Number:9G22076-BSD1, Batch: 9G22076)											
Di-n-butyl phthalate		50	5.0	0.94	ug/L	43.9	88	53-120	5	15	
Di-n-octyl phthalate		50	5.0	4.5	ug/L	34.9	70	56-146	2	15	
Fluoranthene		50	5.0	0.11	ug/L	43.1	86	46-137	6	15	
Fluorene		50	5.0	0.043	ug/L	45.7	91	59-121	2	18	
Hexachlorobenzene		50	5.0	0.28	ug/L	37.3	75	54-133	2	15	
Hexachlorobutadiene		50	5.0	0.62	ug/L	34.0	68	24-120	14	50	
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	30.2	60	5-120	14	50	
Hexachloroethane		50	5.0	0.48	ug/L	29.8	60	40-113	10	43	
Indeno[1,2,3-cd]pyrene		50	5.0	0.19	ug/L	32.1	64	50-147	0.4	17	
Isophorone		50	5.0	0.16	ug/L	38.4	77	34-120	4	21	
Naphthalene		50	5.0	0.080	ug/L	38.3	77	33-120	6	31	
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	37.8	76	35-120	8	27	
N-Nitrosodimethylamine		50	10	0.96	ug/L	20.6	41	19-120	7	22	
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	36.6	73	40-120	9	23	
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	58.5	117	54-125	4	15	
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	22.0	44	37-147	5	21	
Phenanthrene		50	5.0	0.071	ug/L	47.8	96	56-120	2	16	
Phenol		50	5.0	0.12	ug/L	15.8	32	12-120	4	36	
Pyrene		50	5.0	0.041	ug/L	45.8	92	52-120	2	15	
Surrogate: 2-Fluorophenol					*ug/L*		*34*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*27*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*77*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*78*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*88*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*54*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 07/22/09 (Lab Number:9G23010-BS1, Batch: 9G23010)											
pH		7.00	NA	0.00	SU	7.00	100	99.3-100.8			HFT
Duplicate Analyzed: 07/22/09 (Lab Number:9G23010-DUP1, Batch: 9G23010)											
QC Source Sample: RSG0816-01											
pH	7.82		NA	0.00	SU	7.79			0.3	5	HFT
pH (2)	7.82		NA		SU	7.79			0.3	5	HFT
pH (3)	7.82		NA		SU	7.79			0.3	5	HFT
pH (4)	7.82		NA		SU	7.79			0.3	5	HFT
General Chemistry Parameters											
Blank Analyzed: 07/24/09 (Lab Number:9G23075-BLK1, Batch: 9G23075)											
Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 07/24/09 (Lab Number:9G23075-BS1, Batch: 9G23075)											
Cyanide		0.400	0.0100	0.0050	mg/L	0.403	101	90-110			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 07/24/09 (Lab Number:9G23064-BLK1, Batch: 9G23064)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 07/24/09 (Lab Number:9G23064-BS1, Batch: 9G23064)											
Zinc		0.200	0.0100	0.0015	mg/L	0.198	99	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 07/27/09 (Lab Number:9G27026-BLK1, Batch: 9G27026)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 07/27/09 (Lab Number:9G27026-BS1, Batch: 9G27026)											
Mercury		0.00333	0.0002	0.0001	mg/L	0.00325	98	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 07/27/09 (Lab Number:9G27020-BLK1, Batch: 9G27020)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Chlorodibromomethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	0.89					J
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*100*	*88-132*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*96*	*78-122*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSG0816

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 07/22/09
Reported: 07/31/09 17:42

Volatile Organic Compounds

Blank Analyzed: 07/27/09 (Lab Number:9G27020-BLK1, Batch: 9G27020)								
Surrogate: Toluene-d8				*ug/L*		*99*	*87-110*	
LCS Analyzed: 07/27/09 (Lab Number:9G27020-BS1, Batch: 9G27020)								
1,1,1-Trichloroethane	20	5.0	0.73	ug/L	21.6	108	75-125	
1,1,2,2-Tetrachloroethane	20	5.0	1.2	ug/L	20.5	102	61-140	
1,1,2-Trichloroethane	20	5.0	0.48	ug/L	22.1	111	71-129	
1,1-Dichloroethane	20	5.0	0.59	ug/L	22.1	111	73-128	
1,1-Dichloroethene	20	5.0	0.85	ug/L	21.7	109	51-150	
1,2-Dichlorobenzene	20	5.0	0.44	ug/L	21.6	108	63-137	
1,2-Dichloroethane	20	5.0	0.60	ug/L	22.0	110	68-132	
1,2-Dichloropropane	20	5.0	0.61	ug/L	21.2	106	34-166	
1,3-Dichlorobenzene	20	5.0	0.54	ug/L	21.6	108	73-127	
1,4-Dichlorobenzene	20	5.0	0.51	ug/L	20.6	103	63-137	
2-Chloroethyl vinyl ether	100	25	3.7	ug/L	106	106	1-224	
Acrolein	400	100	17	ug/L	710	177	62-141	
Acrylonitrile	100	100	4.0	ug/L	91.8	92	53-143	J
Benzene	20	5.0	0.60	ug/L	21.7	109	64-136	
Bromodichloromethane	20	5.0	0.54	ug/L	20.9	104	66-135	
Bromoform	20	5.0	0.47	ug/L	19.2	96	73-129	
Bromomethane	20	5.0	1.2	ug/L	18.7	94	14-186	
Carbon Tetrachloride	20	5.0	0.51	ug/L	20.8	104	73-127	
Chlorobenzene	20	5.0	0.48	ug/L	21.8	109	66-134	
Chlorodibromomethane	20	5.0	0.41	ug/L	20.2	101	68-133	
Chloroethane	20	5.0	0.87	ug/L	17.7	89	38-162	
Chloroform	20	5.0	0.54	ug/L	21.7	109	68-133	
Chloromethane	20	5.0	0.64	ug/L	24.0	120	1-204	
cis-1,3-Dichloropropene	20	5.0	0.57	ug/L	20.4	102	24-176	
Ethylbenzene	20	5.0	0.46	ug/L	22.9	115	59-141	
Methylene Chloride	20	5.0	0.81	ug/L	19.6	98	61-140	B
Tetrachloroethene	20	5.0	0.34	ug/L	21.5	107	74-127	
Toluene	20	5.0	0.45	ug/L	21.4	107	75-126	
trans-1,3-Dichloropropene	20	5.0	0.44	ug/L	19.6	98	50-150	
Trichloroethene	20	5.0	0.60	ug/L	21.2	106	67-134	
Trichlorofluoromethane	20	5.0	0.45	ug/L	22.0	110	48-152	
Vinyl chloride	20	5.0	0.75	ug/L	22.3	112	4-196	
Surrogate: 1,2-Dichloroethane-d4				*ug/L*		*102*	*88-132*	
Surrogate: 4-Bromofluorobenzene				*ug/L*		*103*	*78-122*	
Surrogate: Toluene-d8				*ug/L*		*101*	*87-110*	

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: 7-21-09	COC No:
Groundwater & Environmental Services, Inc.	Tel/Fax: 484-325-0280	Lab Contact:	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	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	pH,624,625,T-Cn,T-Hg,T-Zn	Sample Specific Notes:
001	7-21-09	0700	Grab	Aqueous	3		X	Composit all one liter glass at lab and preserve appropriately.
001	7-21-09	0950	Grab	Aqueous	3		X	VOA vials are to be composited at lab.
001	7-21-09	1245	Grab	Aqueous	3		X	12 total (4 - 1 liter Unpreserved Amber Glass & 8 40 ml HCL preserved VOA's)
001	7-21-09	1600	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:
Brent Miller	GES	7-21-09/1615			
Relinquished by: Brent Miller	Company: GES	Date/Time: 7-22-09/0941	Received by:	Company: TA Buffalo	Date/Time: 07/22/09 0900
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Analytical Report

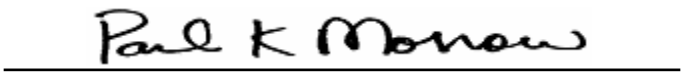
Work Order: RSH0214

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225



Paul Morrow

Project Manager
Paul.Morrow@testamericainc.com

Wednesday, August 19, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
P16	Lab to composite volatile samples by date/time/flow.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0214-01 (001 - Water)						**Sampled: 08/06/09 14:00**		**Recvd: 08/07/09 12:40**		
Total Metals by EPA 200 Series Methods										
Zinc	**0.0076**	J	0.0100	0.0015	mg/L	1.00	08/11/09 21:49	AMH	9H10035	200.7
General Chemistry Parameters										
Total Cyanide	**0.0531**		0.0100	0.0050	mg/L	1.00	08/13/09 07:53	JMM	9H10025	335.4
pH	**7.74**	HFT	NR	0.00	SU	1.00	08/07/09 21:38	JME	9H07060	4500-H+ B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSH0214-01	Water	08/06/09 14:00	08/07/09 12:40	P16

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0214-01 (001 - Water)						**Sampled: 08/06/09 14:00**		**Recvd: 08/07/09 12:40**		
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND		5.0	0.73	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,1,2,2-Tetrachloroethane	ND		5.0	1.2	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,1-Dichloroethane	ND		5.0	0.59	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,1-Dichloroethene	ND		5.0	0.85	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,2-Dichloroethane	ND		5.0	0.60	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,2-Dichloroethene, Total	ND		10	3.2	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,2-Dichloropropane	ND		5.0	0.61	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
2-Chloroethyl vinyl ether	ND		25	3.7	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Acrolein	ND		100	17	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Acrylonitrile	ND		100	4.0	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Benzene	ND		5.0	0.60	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Bromodichloromethane	ND		5.0	0.54	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Bromoform	ND		5.0	0.47	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Bromomethane	ND		5.0	1.2	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Carbon Tetrachloride	ND		5.0	0.51	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Chlorobenzene	ND		5.0	0.48	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Dibromochloromethane	ND		5.0	0.41	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Chloroethane	ND		5.0	0.87	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Chloroform	ND		5.0	0.54	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Chloromethane	ND		5.0	0.64	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
cis-1,3-Dichloropropene	ND		5.0	0.57	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Ethyl Methacrylate	ND		5.0	0.61	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Ethylbenzene	ND		5.0	0.46	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Methylene Chloride	ND		5.0	0.81	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Tetrachloroethene	ND		5.0	0.34	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Toluene	ND		5.0	0.45	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Trichloroethene	ND		5.0	0.60	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Trichlorofluoromethane	ND		5.0	0.45	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
Vinyl chloride	ND		5.0	0.75	ug/L	1.00	08/11/09 00:20	MF	9H10078	624
1,2-Dichloroethane-d4	*100 %*		*Surr Limits: (88-132%)*				*08/11/09 00:20*	*MF*	*9H10078*	*624*
4-Bromofluorobenzene	*93 %*		*Surr Limits: (78-122%)*				*08/11/09 00:20*	*MF*	*9H10078*	*624*
Toluene-d8	*102 %*		*Surr Limits: (87-110%)*				*08/11/09 00:20*	*MF*	*9H10078*	*624*
Acid and Base/Neutral Extractables by EPA Method 625										
1,2,4-Trichlorobenzene	ND		9.9	0.49	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
1,2-Dichlorobenzene	ND		9.9	0.14	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
1,2-Diphenylhydrazine	ND		9.9	0.062	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
1,3-Dichlorobenzene	ND		9.9	0.068	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
1,4-Dichlorobenzene	ND		9.9	0.089	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,4-Dichlorophenol	ND		5.0	0.30	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,4-Dimethylphenol	ND		5.0	0.13	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,4-Dinitrophenol	ND		9.9	0.83	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,6-Dinitrotoluene	ND		5.0	0.71	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Analytical Report

Sample ID: RSH0214-01 (001 - Water) - cont. **Sampled: 08/06/09 14:00** **Recvd: 08/07/09 12:40**

Acid and Base/Neutral Extractables by EPA Method 625 - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
2-Chloronaphthalene	ND		5.0	0.067	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2-Chlorophenol	ND		5.0	0.15	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2-Nitrophenol	ND		5.0	0.14	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
3,3'-Dichlorobenzidine	ND		5.0	0.81	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
4,6-Dinitro-2-methylphenol	ND		9.9	0.75	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
4-Chloro-3-methylphenol	ND		5.0	0.55	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
4-Nitrophenol	ND		9.9	1.3	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Acenaphthene	ND		5.0	0.059	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Acenaphthylene	ND		5.0	0.034	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Anthracene	ND		5.0	0.052	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzidine	ND	L	79	2.5	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzo(a)anthracene	ND		5.0	0.043	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzo(a)pyrene	ND		5.0	0.057	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzo(b)fluoranthene	ND		5.0	0.061	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzo(ghi)perylene	ND		5.0	0.099	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Benzo(k)fluoranthene	ND		5.0	0.041	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Bis(2-chloroethoxy)methane	ND		5.0	0.084	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2,2'-Oxybis(1-Chloropropane)	ND		5.0	0.085	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Bis(2-ethylhexyl) phthalate	ND		9.9	0.85	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Butyl benzyl phthalate	ND		5.0	1.3	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Chrysene	ND		5.0	0.035	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Dibenzo(a,h)anthracene	ND		5.0	0.055	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Diethyl phthalate	ND		5.0	0.17	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Dimethyl phthalate	ND		5.0	0.16	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Di-n-butyl phthalate	ND		5.0	0.93	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Di-n-octyl phthalate	ND		5.0	4.4	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Fluoranthene	ND		5.0	0.11	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Fluorene	ND		5.0	0.042	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Hexachlorobenzene	ND		5.0	0.27	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Hexachlorobutadiene	ND		5.0	0.61	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Hexachloroethane	ND		5.0	0.48	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Indeno(1,2,3-cd)pyrene	ND		5.0	0.18	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Isophorone	ND		5.0	0.16	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Naphthalene	ND		5.0	0.079	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Decane	ND		9.9	1.6	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Nitrobenzene	ND		5.0	0.11	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
N-Nitrosodimethylamine	ND		9.9	0.95	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
N-Nitrosodiphenylamine	ND		5.0	0.39	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
n-Octadecane	ND		9.9	0.69	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSH0214-01 (001 - Water) - cont.						**Sampled: 08/06/09 14:00**		**Recvd: 08/07/09 12:40**		
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
Pentachlorophenol	ND		9.9	0.41	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Phenanthrene	ND		5.0	0.070	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Phenol	ND		5.0	0.12	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
Pyrene	ND		5.0	0.040	ug/L	1.00	08/13/09 02:00	JLG	9H08002	625
2-Fluorophenol	*48 %*		*Surr Limits: (17-120%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
Phenol-d5	*37 %*		*Surr Limits: (10-120%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
Nitrobenzene-d5	*82 %*		*Surr Limits: (42-120%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
2-Fluorobiphenyl	*88 %*		*Surr Limits: (44-120%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
2,4,6-Tribromophenol	*115 %*		*Surr Limits: (49-122%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
p-Terphenyl-d14	*90 %*		*Surr Limits: (22-125%)*				*08/13/09 02:00*	*JLG*	*9H08002*	*625*
Total Metals by EPA 200 Series Methods										
Zinc	**0.0076**	J	0.0100	0.0015	mg/L	1.00	08/11/09 21:49	AMH	9H10035	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	08/11/09 18:59	MXM	9H11027	245.1
General Chemistry Parameters										
Total Cyanide	**0.0531**		0.0100	0.0050	mg/L	1.00	08/13/09 07:53	JMM	9H10025	335.4
pH	**7.74**	HFT	NA	0.00	SU	1.00	08/07/09 21:38	JME	9H07060	4500-H+ B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9H08002	RSH0214-01	1,010.00	mL	1.00	mL	08/09/09 08:00	KMB	3510C MB
General Chemistry Parameters									
335.4	9H10025	RSH0214-01	50.00	mL	50.00	mL	08/10/09 09:49	RMM	Cn Digestion
4500-H+ B	9H07060	RSH0214-01	40.00	mL	40.00	mL	08/07/09 21:38	JME	No prep pH
Total Metals by EPA 200 Series Methods									
200.7	9H10035	RSH0214-01	50.00	mL	50.00	mL	08/11/09 08:30	KCW	3005A
245.1	9H11027	RSH0214-01	30.00	mL	50.00	mL	08/11/09 12:15	MXM	7470A
Volatile Organic Compounds									
624	9H10078	RSH0214-01	5.00	mL	5.00	mL	08/10/09 18:38	MAF	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 08/10/09 (Lab Number:9H10078-BLK1, Batch: 9H10078)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Chlorodibromomethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	ND					
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*100*	*88-132*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*95*	*78-122*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

Volatile Organic Compounds

Blank Analyzed: 08/10/09 (Lab Number:9H10078-BLK1, Batch: 9H10078)

Surrogate: Toluene-d8				*ug/L*		*103*	*87-110*	

LCS Analyzed: 08/10/09 (Lab Number:9H10078-BS1, Batch: 9H10078)

1,1,1-Trichloroethane	20	5.0	0.73	ug/L	19.2	96	75-125	
1,1,2,2-Tetrachloroethane	20	5.0	1.2	ug/L	19.2	96	61-140	
1,1,2-Trichloroethane	20	5.0	0.48	ug/L	20.2	101	71-129	
1,1-Dichloroethane	20	5.0	0.59	ug/L	20.1	101	73-128	
1,1-Dichloroethene	20	5.0	0.85	ug/L	21.0	105	51-150	
1,2-Dichlorobenzene	20	5.0	0.44	ug/L	18.8	94	63-137	
1,2-Dichloroethane	20	5.0	0.60	ug/L	20.9	104	68-132	
1,2-Dichloropropane	20	5.0	0.61	ug/L	19.9	99	34-166	
1,3-Dichlorobenzene	20	5.0	0.54	ug/L	18.9	95	73-127	
1,4-Dichlorobenzene	20	5.0	0.51	ug/L	19.1	95	63-137	
2-Chloroethyl vinyl ether	100	25	3.7	ug/L	98.0	98	1-224	
Acrolein	400	100	17	ug/L	768	192	62-141	
Acrylonitrile	100	100	4.0	ug/L	93.8	94	53-143	J
Benzene	20	5.0	0.60	ug/L	19.6	98	64-136	
Bromodichloromethane	20	5.0	0.54	ug/L	19.3	96	66-135	
Bromoform	20	5.0	0.47	ug/L	17.4	87	73-129	
Bromomethane	20	5.0	1.2	ug/L	20.0	100	14-186	
Carbon Tetrachloride	20	5.0	0.51	ug/L	18.8	94	73-127	
Chlorobenzene	20	5.0	0.48	ug/L	19.8	99	66-134	
Chlorodibromomethane	20	5.0	0.41	ug/L	18.4	92	68-133	
Chloroethane	20	5.0	0.87	ug/L	26.4	132	38-162	
Chloroform	20	5.0	0.54	ug/L	20.1	100	68-133	
Chloromethane	20	5.0	0.64	ug/L	23.5	118	1-204	
cis-1,3-Dichloropropene	20	5.0	0.57	ug/L	19.2	96	24-176	
Ethylbenzene	20	5.0	0.46	ug/L	19.7	98	59-141	
Methylene Chloride	20	5.0	0.81	ug/L	18.5	93	61-140	
Tetrachloroethene	20	5.0	0.34	ug/L	19.6	98	74-127	
Toluene	20	5.0	0.45	ug/L	19.9	100	75-126	
trans-1,3-Dichloropropene	20	5.0	0.44	ug/L	18.6	93	50-150	
Trichloroethene	20	5.0	0.60	ug/L	19.6	98	67-134	
Trichlorofluoromethane	20	5.0	0.45	ug/L	23.6	118	48-152	
Vinyl chloride	20	5.0	0.75	ug/L	23.8	119	4-196	

Surrogate: 1,2-Dichloroethane-d4				*ug/L*		*102*	*88-132*	
Surrogate: 4-Bromofluorobenzene				*ug/L*		*100*	*78-122*	
Surrogate: Toluene-d8				*ug/L*		*103*	*87-110*	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 08/13/09 (Lab Number:9H08002-BLK1, Batch: 9H08002)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	0.71					J
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					L
Benzo[a]anthracene			5.0	0.043	ug/L	ND					
Benzo[a]pyrene			5.0	0.058	ug/L	ND					
Benzo[b]fluoranthene			5.0	0.062	ug/L	ND					
Benzo[g,h,i]perylene			5.0	0.10	ug/L	ND					
Benzo[k]fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
Bis(2-chloroisopropyl) ether			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 08/13/09 (Lab Number:9H08002-BLK1, Batch: 9H08002)											
Chrysene			5.0	0.036	ug/L	ND					
Dibenz[a,h]anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	ND					
Dimethyl phthalate			5.0	0.17	ug/L	ND					
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	1.8					J
Indeno[1,2,3-cd]pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					
Surrogate: 2-Fluorophenol					*ug/L*		*38*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*30*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*70*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*77*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*80*	*22-125*			
LCS Analyzed: 08/13/09 (Lab Number:9H08002-BS1, Batch: 9H08002)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	35.0	70	44-120			
1,2-Dichlorobenzene		50	10	0.14	ug/L	31.7	63	32-120			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 08/13/09 (Lab Number:9H08002-BS1, Batch: 9H08002)											
1,2-Diphenylhydrazine			10	0.063	ug/L	50.2		47-146			
1,3-Dichlorobenzene		50	10	0.069	ug/L	30.4	61	14-120			
1,4-Dichlorobenzene		50	10	0.090	ug/L	31.5	63	20-120			B
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	50.1	100	48-136			
2,4-Dichlorophenol		50	5.0	0.30	ug/L	46.7	93	43-123			
2,4-Dimethylphenol		50	5.0	0.13	ug/L	42.9	86	42-120			
2,4-Dinitrophenol		50	10	0.84	ug/L	52.1	104	20-125			
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	53.7	107	51-139			
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	54.6	109	55-144			
2-Chloronaphthalene		50	5.0	0.068	ug/L	43.1	86	30-120			
2-Chlorophenol		50	5.0	0.16	ug/L	36.8	74	31-120			
2-Nitrophenol		50	5.0	0.14	ug/L	41.8	84	34-123			
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	59.0	118	35-143			
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	71.6	143	32-156			
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	49.6	99	53-127			
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	49.1	98	45-138			
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	44.9	90	43-126			
4-Nitrophenol		50	10	1.3	ug/L	21.0	42	22-120			
Acenaphthene		50	5.0	0.060	ug/L	47.0	94	47-120			
Acenaphthylene		50	5.0	0.034	ug/L	45.6	91	35-129			
Anthracene		50	5.0	0.052	ug/L	52.1	104	49-133			
Benzidine		50	80	2.5	ug/L	70.3	141	1-120			L1,J
Benzo[a]anthracene		50	5.0	0.043	ug/L	52.2	104	50-143			
Benzo[a]pyrene		50	5.0	0.058	ug/L	59.5	119	57-140			
Benzo[b]fluoranthene		50	5.0	0.062	ug/L	54.5	109	59-138			
Benzo[g,h,i]perylene		50	5.0	0.10	ug/L	65.5	131	44-153			
Benzo[k]fluoranthene		50	5.0	0.042	ug/L	57.0	114	50-143			
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	33.4	67	40-120			
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	34.9	70	35-120			
Bis(2-chloroisopropyl) ether		50	5.0	0.086	ug/L	33.8	68	33-120			
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	53.6	107	49-158			
Butyl benzyl phthalate		50	5.0	1.3	ug/L	56.9	114	47-147			
Chrysene		50	5.0	0.036	ug/L	48.8	98	55-146			
Dibenz[a,h]anthracene		50	5.0	0.055	ug/L	61.4	123	45-153			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 08/13/09 (Lab Number:9H08002-BS1, Batch: 9H08002)											
Diethyl phthalate		50	5.0	0.17	ug/L	51.4	103	45-135			
Dimethyl phthalate		50	5.0	0.17	ug/L	50.4	101	54-120			
Di-n-butyl phthalate		50	5.0	0.94	ug/L	53.8	108	53-120			
Di-n-octyl phthalate		50	5.0	4.5	ug/L	63.4	127	56-146			
Fluoranthene		50	5.0	0.11	ug/L	52.5	105	46-137			
Fluorene		50	5.0	0.043	ug/L	50.0	100	59-121			
Hexachlorobenzene		50	5.0	0.28	ug/L	48.6	97	54-133			
Hexachlorobutadiene		50	5.0	0.62	ug/L	32.9	66	24-120			
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	31.8	64	5-120			
Hexachloroethane		50	5.0	0.48	ug/L	29.6	59	40-113			B
Indeno[1,2,3-cd]pyrene		50	5.0	0.19	ug/L	63.0	126	50-147			
Isophorone		50	5.0	0.16	ug/L	41.2	82	34-120			
Naphthalene		50	5.0	0.080	ug/L	39.9	80	33-120			
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	36.7	73	35-120			
N-Nitrosodimethylamine		50	10	0.96	ug/L	20.8	42	19-120			
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	42.3	85	40-120			
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	62.3	125	54-125			
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	31.6	63	37-147			
Phenanthrene		50	5.0	0.071	ug/L	52.4	105	56-120			
Phenol		50	5.0	0.12	ug/L	19.8	40	12-120			
Pyrene		50	5.0	0.041	ug/L	50.0	100	52-120			
Surrogate: 2-Fluorophenol					*ug/L*		*39*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*31*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*75*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*83*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*109*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*87*	*22-125*			
LCS Dup Analyzed: 08/13/09 (Lab Number:9H08002-BSD1, Batch: 9H08002)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	36.5	73	44-120	4	34	
1,2-Dichlorobenzene		50	10	0.14	ug/L	34.8	70	32-120	9	38	
1,2-Diphenylhydrazine			10	0.063	ug/L	49.9		47-146	0.6	20	
1,3-Dichlorobenzene		50	10	0.069	ug/L	33.6	67	14-120	10	37	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 08/13/09 (Lab Number:9H08002-BSD1, Batch: 9H08002)											
1,4-Dichlorobenzene		50	10	0.090	ug/L	34.7	69	20-120	10	40	B
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	50.3	101	48-136	0.5	20	
2,4-Dichlorophenol		50	5.0	0.30	ug/L	46.5	93	43-123	0.5	23	
2,4-Dimethylphenol		50	5.0	0.13	ug/L	43.0	86	42-120	0.2	18	
2,4-Dinitrophenol		50	10	0.84	ug/L	55.2	110	20-125	6	29	
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	53.0	106	51-139	1	20	
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	55.3	111	55-144	1	17	
2-Chloronaphthalene		50	5.0	0.068	ug/L	43.7	87	30-120	1	30	
2-Chlorophenol		50	5.0	0.16	ug/L	38.1	76	31-120	3	26	
2-Nitrophenol		50	5.0	0.14	ug/L	43.8	88	34-123	5	28	
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	57.0	114	35-143	3	31	
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	70.4	141	32-156	2	30	
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	49.8	100	53-127	0.5	16	
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	48.3	97	45-138	2	16	
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	44.4	89	43-126	1	15	
4-Nitrophenol		50	10	1.3	ug/L	20.3	41	22-120	3	24	
Acenaphthene		50	5.0	0.060	ug/L	46.2	92	47-120	2	25	
Acenaphthylene		50	5.0	0.034	ug/L	45.3	91	35-129	0.9	22	
Anthracene		50	5.0	0.052	ug/L	51.1	102	49-133	2	15	
Benzidine		50	80	2.5	ug/L	70.0	140	1-120	0.5	50	L1,J
Benzo[a]anthracene		50	5.0	0.043	ug/L	52.2	104	50-143	0.06	15	
Benzo[a]pyrene		50	5.0	0.058	ug/L	59.6	119	57-140	0.1	15	
Benzo[b]fluoranthene		50	5.0	0.062	ug/L	53.8	108	59-138	1	17	
Benzo[g,h,i]perylene		50	5.0	0.10	ug/L	63.5	127	44-153	3	19	
Benzo[k]fluoranthene		50	5.0	0.042	ug/L	57.3	115	50-143	0.7	19	
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	33.9	68	40-120	2	23	
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	37.8	76	35-120	8	33	
Bis(2-chloroisopropyl) ether		50	5.0	0.086	ug/L	36.4	73	33-120	8	36	
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	54.1	108	49-158	0.9	15	
Butyl benzyl phthalate		50	5.0	1.3	ug/L	56.9	114	47-147	0	15	
Chrysene		50	5.0	0.036	ug/L	49.0	98	55-146	0.4	15	
Dibenz[a,h]anthracene		50	5.0	0.055	ug/L	59.2	118	45-153	4	18	
Diethyl phthalate		50	5.0	0.17	ug/L	51.1	102	45-135	0.6	15	
Dimethyl phthalate		50	5.0	0.17	ug/L	50.4	101	54-120	0.1	15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 08/13/09 (Lab Number:9H08002-BSD1, Batch: 9H08002)											
Di-n-butyl phthalate		50	5.0	0.94	ug/L	51.6	103	53-120	4	15	
Di-n-octyl phthalate		50	5.0	4.5	ug/L	62.9	126	56-146	0.8	15	
Fluoranthene		50	5.0	0.11	ug/L	50.8	102	46-137	3	15	
Fluorene		50	5.0	0.043	ug/L	50.1	100	59-121	0.3	18	
Hexachlorobenzene		50	5.0	0.28	ug/L	48.6	97	54-133	0.2	15	
Hexachlorobutadiene		50	5.0	0.62	ug/L	34.4	69	24-120	4	50	
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	33.6	67	5-120	6	50	
Hexachloroethane		50	5.0	0.48	ug/L	32.5	65	40-113	9	43	B
Indeno[1,2,3-cd]pyrene		50	5.0	0.19	ug/L	61.0	122	50-147	3	17	
Isophorone		50	5.0	0.16	ug/L	41.7	83	34-120	1	21	
Naphthalene		50	5.0	0.080	ug/L	41.5	83	33-120	4	31	
n-Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	39.3	79	35-120	7	27	
N-Nitrosodimethylamine		50	10	0.96	ug/L	22.5	45	19-120	8	22	
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	44.9	90	40-120	6	23	
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	60.5	121	54-125	3	15	
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	32.1	64	37-147	2	21	
Phenanthrene		50	5.0	0.071	ug/L	51.3	103	56-120	2	16	
Phenol		50	5.0	0.12	ug/L	19.8	40	12-120	0.05	36	
Pyrene		50	5.0	0.041	ug/L	48.9	98	52-120	2	15	
Surrogate: 2-Fluorophenol					*ug/L*		*41*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*32*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*79*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*85*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*106*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*86*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 08/11/09 (Lab Number:9H10035-BLK1, Batch: 9H10035)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 08/11/09 (Lab Number:9H10035-BS1, Batch: 9H10035)											
Zinc		0.200	0.0100	0.0015	mg/L	0.200	100	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 08/11/09 (Lab Number:9H11027-BLK1, Batch: 9H11027)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 08/11/09 (Lab Number:9H11027-BS1, Batch: 9H11027)											
Mercury		0.00333	0.0002	0.0001	mg/L	0.00322	97	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSH0214

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 08/07/09
Reported: 08/19/09 13:14

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 08/07/09 (Lab Number:9H07060-BS1, Batch: 9H07060)											
pH		7.00	NA	0.00	SU	6.98	100	99.3-100.8			
General Chemistry Parameters											
Blank Analyzed: 08/13/09 (Lab Number:9H10025-BLK1, Batch: 9H10025)											
Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 08/13/09 (Lab Number:9H10025-BS1, Batch: 9H10025)											
Cyanide		0.400	0.0100	0.0050	mg/L	0.381	95	90-110			

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: 1
Client Contact: Andrew Janik	Phone: 484-645 2501	E-Mail: Paul.Morrow@testamericainc.com		Page: 1
Company: Groundwater & Env Svcs Inc - Cheektowaga, NY		Analysis Requested		Job #:
Address: 158 Sonwil Drive	Due Date Requested:			Preservation Codes:
City: Cheektowaga	TAT Requested (days): 10			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:
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email:	WO #: RSG0561			
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)	200.7::245.1	4500-H+ B	335.4	625	624								Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	I	B	I	A									
001	8-6-09	0730	G	W															1	Comp ambient at lab and put in proper bottles
001	8-6-09	0930	G	W															1	
001	8-6-09	1215	G	W															1	
001	8-6-09	1400	G	W															1	
																			1	
																			1	
																			1	
																			1	
																			1	
																			1	
																			1	

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: 8-6-09 1430	Company: GES	Received by:	Date/Time: 08-07-09 12:40	Company: BUFFALO
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: 2.0°

Analytical Report

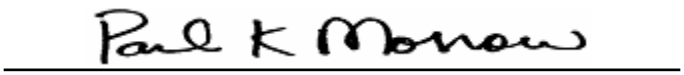
Work Order: RSI0221

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225



Paul Morrow

Project Manager
Paul.Morrow@testamericainc.com

Tuesday, September 15, 2009

Revision: 1

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
P16	Lab to composite volatile samples by date/time/flow.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
SL	Volatile sample was composited in the laboratory prior to analysis.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0221-01 (001 - Water)						**Sampled: 09/02/09 15:15**		**Recvd: 09/04/09 13:45**		
Total Metals by EPA 200 Series Methods										
Zinc	**0.0015**	J	0.0100	0.0015	mg/L	1.00	09/09/09 16:21	DAN	9I08077	200.7
General Chemistry Parameters										
Total Cyanide	**0.121**		0.0100	0.0050	mg/L	1.00	09/15/09 08:44	jmm	9I11031	335.4
pH	**7.90**	HFT	NR	0.00	SU	1.00	09/05/09 02:30	JFR	9I05003	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSI0221-01	Water	09/02/09 15:15	09/04/09 13:45	P16

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0221-01 (001 - Water)						**Sampled: 09/02/09 15:15**		**Recvd: 09/04/09 13:45**		
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND	SL	5.0	0.73	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,1,2,2-Tetrachloroethane	ND	SL	5.0	1.2	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,1,2-Trichloroethane	ND	SL	5.0	0.48	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,1-Dichloroethane	ND	SL	5.0	0.59	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,1-Dichloroethene	ND	SL	5.0	0.85	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,2-Dichlorobenzene	ND	SL	5.0	0.44	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,2-Dichloroethane	ND	SL	5.0	0.60	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,2-Dichloroethene, Total	ND	SL	10	3.2	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,2-Dichloropropane	ND	SL	5.0	0.61	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,3-Dichlorobenzene	ND	SL	5.0	0.54	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,4-Dichlorobenzene	ND	SL	5.0	0.51	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
2-Chloroethyl vinyl ether	ND	SL	25	3.7	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Acrolein	ND	SL	100	17	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Acrylonitrile	ND	SL	100	4.0	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Benzene	ND	SL	5.0	0.60	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Bromodichloromethane	ND	SL	5.0	0.54	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Bromoform	ND	SL	5.0	0.47	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Bromomethane	ND	SL	5.0	1.2	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Carbon Tetrachloride	ND	SL	5.0	0.51	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Chlorobenzene	ND	SL	5.0	0.48	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Dibromochloromethane	ND	SL	5.0	0.41	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Chloroethane	ND	SL	5.0	0.87	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Chloroform	ND	SL	5.0	0.54	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Chloromethane	ND	SL	5.0	0.64	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
cis-1,3-Dichloropropene	ND	SL	5.0	0.57	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Ethyl Methacrylate	ND	SL	5.0	0.61	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Ethylbenzene	ND	SL	5.0	0.46	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Methylene Chloride	ND	SL	5.0	0.81	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Tetrachloroethene	ND	SL	5.0	0.34	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Toluene	ND	SL	5.0	0.45	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
trans-1,3-Dichloropropene	ND	SL	5.0	0.44	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Trichloroethene	ND	SL	5.0	0.60	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Trichlorofluoromethane	ND	SL	5.0	0.45	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
Vinyl chloride	ND	SL	5.0	0.75	ug/L	1.00	09/10/09 14:21	MF	9I09047	624
1,2-Dichloroethane-d4	*95 %*	*SL*	*Surr Limits: (88-132%)*				*09/10/09 14:21*	*MF*	*9I09047*	*624*
4-Bromofluorobenzene	*96 %*	*SL*	*Surr Limits: (78-122%)*				*09/10/09 14:21*	*MF*	*9I09047*	*624*
Toluene-d8	*100 %*	*SL*	*Surr Limits: (87-110%)*				*09/10/09 14:21*	*MF*	*9I09047*	*624*
Acid and Base/Neutral Extractables by EPA Method 625										
1,2,4-Trichlorobenzene	ND		11	0.55	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
1,2-Dichlorobenzene	ND		11	0.16	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
1,2-Diphenylhydrazine	ND		11	0.070	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
1,3-Dichlorobenzene	ND		11	0.076	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
1,4-Dichlorobenzene	ND		11	0.10	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,4,6-Trichlorophenol	ND		5.6	0.26	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,4-Dichlorophenol	ND		5.6	0.33	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,4-Dimethylphenol	ND		5.6	0.15	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,4-Dinitrophenol	ND		11	0.93	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,4-Dinitrotoluene	ND		5.6	0.29	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,6-Dinitrotoluene	ND		5.6	0.80	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Analytical Report

Sample ID: RSI0221-01 (001 - Water) - cont. **Sampled: 09/02/09 15:15** **Recvd: 09/04/09 13:45**

Acid and Base/Neutral Extractables by EPA Method 625 - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
2-Chloronaphthalene	ND		5.6	0.075	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2-Chlorophenol	ND		5.6	0.17	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2-Nitrophenol	ND		5.6	0.16	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
3,3'-Dichlorobenzidine	ND		5.6	0.91	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
4,6-Dinitro-2-methylphenol	ND		11	0.85	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
4-Bromophenyl phenyl ether	ND		5.6	0.13	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
4-Chloro-3-methylphenol	ND		5.6	0.62	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
4-Chlorophenyl phenyl ether	ND		5.6	0.23	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
4-Nitrophenol	ND		11	1.5	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Acenaphthene	ND		5.6	0.067	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Acenaphthylene	ND		5.6	0.038	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Anthracene	ND		5.6	0.058	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzidine	ND	L	89	2.8	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzo(a)anthracene	ND		5.6	0.048	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzo(a)pyrene	ND		5.6	0.064	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzo(b)fluoranthene	ND		5.6	0.068	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzo(ghi)perylene	ND		5.6	0.11	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Benzo(k)fluoranthene	ND		5.6	0.046	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Bis(2-chloroethoxy)methane	ND		5.6	0.094	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Bis(2-chloroethyl)ether	ND		5.6	1.2	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2,2'-Oxybis(1-Chloropropane)	ND		5.6	0.095	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Bis(2-ethylhexyl) phthalate	ND		11	0.96	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Butyl benzyl phthalate	ND		5.6	1.4	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Chrysene	ND		5.6	0.040	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Dibenzo(a,h)anthracene	ND		5.6	0.061	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Diethyl phthalate	ND		5.6	0.19	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Dimethyl phthalate	ND		5.6	0.18	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Di-n-butyl phthalate	ND		5.6	1.0	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Di-n-octyl phthalate	ND		5.6	5.0	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Fluoranthene	ND		5.6	0.12	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Fluorene	ND		5.6	0.047	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Hexachlorobenzene	ND		5.6	0.31	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Hexachlorobutadiene	ND		5.6	0.69	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Hexachlorocyclopentadiene	ND		5.6	0.50	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Hexachloroethane	ND		5.6	0.54	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Indeno(1,2,3-cd)pyrene	ND		5.6	0.21	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Isophorone	ND		5.6	0.17	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Naphthalene	ND		5.6	0.089	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Decane	ND		11	1.8	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Nitrobenzene	ND		5.6	0.12	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
N-Nitrosodimethylamine	ND		11	1.1	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
N-Nitrosodi-n-propylamine	ND		5.6	0.26	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
N-Nitrosodiphenylamine	ND		5.6	0.44	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
n-Octadecane	ND		11	0.78	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0221-01 (001 - Water) - cont.							**Sampled: 09/02/09 15:15**		**Recvd: 09/04/09 13:45**	
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
Pentachlorophenol	ND		11	0.46	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Phenanthrene	ND		5.6	0.079	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Phenol	ND		5.6	0.13	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
Pyrene	ND		5.6	0.045	ug/L	1.00	09/08/09 16:58	JLG	9I04096	625
2-Fluorophenol	*41 %*		*Surr Limits: (17-120%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
Phenol-d5	*30 %*		*Surr Limits: (10-120%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
Nitrobenzene-d5	*75 %*		*Surr Limits: (42-120%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
2-Fluorobiphenyl	*81 %*		*Surr Limits: (44-120%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
2,4,6-Tribromophenol	*101 %*		*Surr Limits: (49-122%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
p-Terphenyl-d14	*84 %*		*Surr Limits: (22-125%)*				*09/08/09 16:58*	*JLG*	*9I04096*	*625*
Total Metals by EPA 200 Series Methods										
Zinc	**0.0015**	J	0.0100	0.0015	mg/L	1.00	09/09/09 16:21	DAN	9I08077	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	09/10/09 15:20	MLD	9I10021	245.1
General Chemistry Parameters										
Total Cyanide	**0.121**		0.0100	0.0050	mg/L	1.00	09/15/09 08:44	jmm	9I11031	335.4
pH	**7.90**	HFT	NA	0.00	SU	1.00	09/05/09 02:30	JFR	9I05003	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9I04096	RSI0221-01	900.00	mL	1.00	mL	09/05/09 10:00	KMB	3510C MB
General Chemistry Parameters									
335.4	9I11031	RSI0221-01	50.00	mL	50.00	mL	09/11/09 08:40	JMM	Cn Digestion
4500-H+ B	9I05003	RSI0221-01	1.00	mL	1.00	mL	09/04/09 23:45	JFR	pH
Total Metals by EPA 200 Series Methods									
200.7	9I08077	RSI0221-01	50.00	mL	50.00	mL	09/09/09 09:15	KCW	3005A
245.1	9I10021	RSI0221-01	30.00	mL	50.00	mL	09/10/09 08:45	MLD	7470A
Volatile Organic Compounds									
624	9I09047	RSI0221-01	5.00	mL	5.00	mL	09/09/09 20:08	MAF	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 09/09/09 (Lab Number:9I09047-BLK1, Batch: 9I09047)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Dibromochloromethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	1.8					J
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*97*	*88-132*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*93*	*78-122*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

Volatile Organic Compounds

Blank Analyzed: 09/09/09 (Lab Number:9I09047-BLK1, Batch: 9I09047)

Surrogate: Toluene-d8				*ug/L*		*100*	*87-110*	

LCS Analyzed: 09/09/09 (Lab Number:9I09047-BS1, Batch: 9I09047)

1,1,1-Trichloroethane	20	5.0	0.73	ug/L	18.4	92	75-125	
1,1,2,2-Tetrachloroethane	20	5.0	1.2	ug/L	18.5	93	61-140	
1,1,2-Trichloroethane	20	5.0	0.48	ug/L	19.4	97	71-129	
1,1-Dichloroethane	20	5.0	0.59	ug/L	19.6	98	73-128	
1,1-Dichloroethene	20	5.0	0.85	ug/L	18.5	92	51-150	
1,2-Dichlorobenzene	20	5.0	0.44	ug/L	19.2	96	63-137	
1,2-Dichloroethane	20	5.0	0.60	ug/L	19.8	99	68-132	
1,2-Dichloropropane	20	5.0	0.61	ug/L	19.6	98	34-166	
1,3-Dichlorobenzene	20	5.0	0.54	ug/L	18.7	94	73-127	
1,4-Dichlorobenzene	20	5.0	0.51	ug/L	19.2	96	63-137	
2-Chloroethyl vinyl ether	100	25	3.7	ug/L	108	108	1-224	
Benzene	20	5.0	0.60	ug/L	18.9	95	64-136	
Bromodichloromethane	20	5.0	0.54	ug/L	17.9	90	66-135	
Bromoform	20	5.0	0.47	ug/L	15.6	78	73-129	
Bromomethane	20	5.0	1.2	ug/L	21.4	107	14-186	
Carbon Tetrachloride	20	5.0	0.51	ug/L	16.7	84	73-127	
Chlorobenzene	20	5.0	0.48	ug/L	19.6	98	66-134	
Dibromochloromethane	20	5.0	0.41	ug/L	16.8	84	68-133	
Chloroethane	20	5.0	0.87	ug/L	19.4	97	38-162	
Chloroform	20	5.0	0.54	ug/L	19.6	98	68-133	
Chloromethane	20	5.0	0.64	ug/L	20.1	100	1-204	
cis-1,3-Dichloropropene	20	5.0	0.57	ug/L	17.9	90	24-176	
Ethylbenzene	20	5.0	0.46	ug/L	18.5	93	59-141	
Methylene Chloride	20	5.0	0.81	ug/L	21.3	106	61-140	B
Tetrachloroethene	20	5.0	0.34	ug/L	18.5	92	74-127	
Toluene	20	5.0	0.45	ug/L	18.8	94	75-126	
trans-1,3-Dichloropropene	20	5.0	0.44	ug/L	18.0	90	50-150	
Trichloroethene	20	5.0	0.60	ug/L	19.6	98	67-134	
Trichlorofluoromethane	20	5.0	0.45	ug/L	20.3	101	48-152	
Vinyl chloride	20	5.0	0.75	ug/L	20.1	100	4-196	

Surrogate: 1,2-Dichloroethane-d4				*ug/L*		*98*	*88-132*	
Surrogate: 4-Bromofluorobenzene				*ug/L*		*100*	*78-122*	
Surrogate: Toluene-d8				*ug/L*		*102*	*87-110*	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 09/08/09 (Lab Number:9I04096-BLK1, Batch: 9I04096)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					L
Benzo(a)anthracene			5.0	0.043	ug/L	ND					
Benzo(a)pyrene			5.0	0.058	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.062	ug/L	ND					
Benzo(ghi)perylene			5.0	0.10	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 09/08/09 (Lab Number:9I04096-BLK1, Batch: 9I04096)											
Chrysene			5.0	0.036	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	ND					
Dimethyl phthalate			5.0	0.17	ug/L	ND					
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					
Surrogate: 2-Fluorophenol					*ug/L*		*32*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*24*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*70*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*73*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*82*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*66*	*22-125*			
LCS Analyzed: 09/08/09 (Lab Number:9I04096-BS1, Batch: 9I04096)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	28.6	57	44-120			
1,2-Dichlorobenzene		50	10	0.14	ug/L	26.3	53	32-120			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 09/08/09 (Lab Number:9I04096-BS1, Batch: 9I04096)											
1,2-Diphenylhydrazine		50	10	0.063	ug/L	44.6	89	47-146			
1,3-Dichlorobenzene		50	10	0.069	ug/L	25.6	51	14-120			
1,4-Dichlorobenzene		50	10	0.090	ug/L	25.5	51	20-120			
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	44.2	88	48-136			
2,4-Dichlorophenol		50	5.0	0.30	ug/L	38.7	77	43-123			
2,4-Dimethylphenol		50	5.0	0.13	ug/L	36.0	72	42-120			
2,4-Dinitrophenol		50	10	0.84	ug/L	42.6	85	20-125			
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	50.9	102	51-139			
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	48.6	97	55-144			
2-Chloronaphthalene		50	5.0	0.068	ug/L	36.4	73	30-120			
2-Chlorophenol		50	5.0	0.16	ug/L	27.5	55	31-120			
2-Nitrophenol		50	5.0	0.14	ug/L	34.3	69	34-123			
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	47.1	94	35-143			
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	59.6	119	32-156			
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	42.4	85	53-127			
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	42.0	84	45-138			
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	39.2	78	43-126			
4-Nitrophenol		50	10	1.3	ug/L	18.8	38	22-120			
Acenaphthene		50	5.0	0.060	ug/L	41.4	83	47-120			
Acenaphthylene		50	5.0	0.034	ug/L	39.7	79	35-129			
Anthracene		50	5.0	0.052	ug/L	45.0	90	49-133			
Benzidine		50	80	2.5	ug/L	96.4	193	1-120			L1,E
Benzo(a)anthracene		50	5.0	0.043	ug/L	39.4	79	50-143			
Benzo(a)pyrene		50	5.0	0.058	ug/L	38.8	78	57-140			
Benzo(b)fluoranthene		50	5.0	0.062	ug/L	37.4	75	59-138			
Benzo(ghi)perylene		50	5.0	0.10	ug/L	36.5	73	44-153			
Benzo(k)fluoranthene		50	5.0	0.042	ug/L	33.5	67	50-143			
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	27.8	56	40-120			
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	28.0	56	35-120			
2,2'-Oxybis(1-Chloropropane)		50	5.0	0.086	ug/L	27.1	54	33-120			
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	37.6	75	49-158			
Butyl benzyl phthalate		50	5.0	1.3	ug/L	45.8	92	47-147			
Chrysene		50	5.0	0.036	ug/L	41.1	82	55-146			
Dibenzo(a,h)anthracene		50	5.0	0.055	ug/L	36.2	72	45-153			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 09/08/09 (Lab Number:9I04096-BS1, Batch: 9I04096)											
Diethyl phthalate		50	5.0	0.17	ug/L	47.1	94	45-135			
Dimethyl phthalate		50	5.0	0.17	ug/L	44.8	90	54-120			
Di-n-butyl phthalate		50	5.0	0.94	ug/L	43.2	86	53-120			
Di-n-octyl phthalate		50	5.0	4.5	ug/L	38.0	76	56-146			
Fluoranthene		50	5.0	0.11	ug/L	44.2	88	46-137			
Fluorene		50	5.0	0.043	ug/L	44.0	88	59-121			
Hexachlorobenzene		50	5.0	0.28	ug/L	38.5	77	54-133			
Hexachlorobutadiene		50	5.0	0.62	ug/L	25.9	52	24-120			
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	23.9	48	5-120			
Hexachloroethane		50	5.0	0.48	ug/L	23.0	46	40-113			
Indeno(1,2,3-cd)pyrene		50	5.0	0.19	ug/L	37.0	74	50-147			
Isophorone		50	5.0	0.16	ug/L	33.8	68	34-120			
Naphthalene		50	5.0	0.080	ug/L	33.6	67	33-120			
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	33.5	67	35-120			
N-Nitrosodimethylamine		50	10	0.96	ug/L	19.8	40	19-120			
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	34.0	68	40-120			
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	54.4	109	54-125			
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	25.4	51	37-147			
Phenanthrene		50	5.0	0.071	ug/L	46.2	92	56-120			
Phenol		50	5.0	0.12	ug/L	13.8	28	12-120			
Pyrene		50	5.0	0.041	ug/L	46.1	92	52-120			
Surrogate: 2-Fluorophenol					*ug/L*		*31*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*25*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*63*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*71*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*87*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*70*	*22-125*			
LCS Dup Analyzed: 09/08/09 (Lab Number:9I04096-BSD1, Batch: 9I04096)											
1,2,4-Trichlorobenzene		50	10	0.49	ug/L	26.7	53	44-120	7	34	
1,2-Dichlorobenzene		50	10	0.14	ug/L	24.2	48	32-120	8	38	
1,2-Diphenylhydrazine		50	10	0.063	ug/L	39.4	79	47-146	12	20	
1,3-Dichlorobenzene		50	10	0.069	ug/L	22.9	46	14-120	11	37	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 09/08/09 (Lab Number:9I04096-BSD1, Batch: 9I04096)											
1,4-Dichlorobenzene		50	10	0.090	ug/L	22.8	46	20-120	11	40	
2,4,6-Trichlorophenol		50	5.0	0.23	ug/L	39.9	80	48-136	10	20	
2,4-Dichlorophenol		50	5.0	0.30	ug/L	37.0	74	43-123	4	23	
2,4-Dimethylphenol		50	5.0	0.13	ug/L	35.9	72	42-120	0.3	18	
2,4-Dinitrophenol		50	10	0.84	ug/L	39.6	79	20-125	7	29	
2,4-Dinitrotoluene		50	5.0	0.26	ug/L	45.2	90	51-139	12	20	
2,6-Dinitrotoluene		50	5.0	0.72	ug/L	43.2	86	55-144	12	17	
2-Chloronaphthalene		50	5.0	0.068	ug/L	32.8	66	30-120	10	30	
2-Chlorophenol		50	5.0	0.16	ug/L	27.8	56	31-120	1	26	
2-Nitrophenol		50	5.0	0.14	ug/L	32.4	65	34-123	6	28	
3,3'-Dichlorobenzidine		50	5.0	0.82	ug/L	44.3	89	35-143	6	31	
4,6-Dinitro-2-methylphenol		50	10	0.76	ug/L	53.2	106	32-156	11	30	
4-Bromophenyl phenyl ether		50	5.0	0.11	ug/L	39.4	79	53-127	7	16	
4-Chloro-3-methylphenol		50	5.0	0.56	ug/L	40.0	80	45-138	5	16	
4-Chlorophenyl phenyl ether		50	5.0	0.21	ug/L	35.8	72	43-126	9	15	
4-Nitrophenol		50	10	1.3	ug/L	18.1	36	22-120	4	24	
Acenaphthene		50	5.0	0.060	ug/L	36.7	73	47-120	12	25	
Acenaphthylene		50	5.0	0.034	ug/L	35.2	70	35-129	12	22	
Anthracene		50	5.0	0.052	ug/L	41.1	82	49-133	9	15	
Benzidine		50	80	2.5	ug/L	98.0	196	1-120	2	50	L1,E
Benzo(a)anthracene		50	5.0	0.043	ug/L	43.0	86	50-143	9	15	
Benzo(a)pyrene		50	5.0	0.058	ug/L	46.2	92	57-140	18	15	R
Benzo(b)fluoranthene		50	5.0	0.062	ug/L	42.2	84	59-138	12	17	
Benzo(ghi)perylene		50	5.0	0.10	ug/L	45.0	90	44-153	21	19	R
Benzo(k)fluoranthene		50	5.0	0.042	ug/L	41.3	83	50-143	21	19	R
Bis(2-chloroethoxy)methane		50	5.0	0.085	ug/L	25.2	50	40-120	10	23	
Bis(2-chloroethyl)ether		50	5.0	1.1	ug/L	25.5	51	35-120	9	33	
2,2'-Oxybis(1-Chloropropane)		50	5.0	0.086	ug/L	24.8	50	33-120	9	36	
Bis(2-ethylhexyl) phthalate		50	10	0.86	ug/L	43.5	87	49-158	14	15	
Butyl benzyl phthalate		50	5.0	1.3	ug/L	46.6	93	47-147	2	15	
Chrysene		50	5.0	0.036	ug/L	46.7	93	55-146	13	15	
Dibenzo(a,h)anthracene		50	5.0	0.055	ug/L	44.1	88	45-153	20	18	R
Diethyl phthalate		50	5.0	0.17	ug/L	41.2	82	45-135	13	15	
Dimethyl phthalate		50	5.0	0.17	ug/L	39.4	79	54-120	13	15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 09/08/09 (Lab Number:9I04096-BSD1, Batch: 9I04096)											
Di-n-butyl phthalate		50	5.0	0.94	ug/L	41.6	83	53-120	4	15	
Di-n-octyl phthalate		50	5.0	4.5	ug/L	46.0	92	56-146	19	15	R
Fluoranthene		50	5.0	0.11	ug/L	42.2	84	46-137	4	15	
Fluorene		50	5.0	0.043	ug/L	39.8	80	59-121	10	18	
Hexachlorobenzene		50	5.0	0.28	ug/L	39.5	79	54-133	3	15	
Hexachlorobutadiene		50	5.0	0.62	ug/L	24.5	49	24-120	5	50	
Hexachlorocyclopentadiene		50	5.0	0.45	ug/L	24.2	48	5-120	1	50	
Hexachloroethane		50	5.0	0.48	ug/L	21.4	43	40-113	7	43	
Indeno(1,2,3-cd)pyrene		50	5.0	0.19	ug/L	44.8	90	50-147	19	17	R
Isophorone		50	5.0	0.16	ug/L	30.8	62	34-120	9	21	
Naphthalene		50	5.0	0.080	ug/L	30.2	60	33-120	11	31	
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50	5.0	0.11	ug/L	29.0	58	35-120	14	27	
N-Nitrosodimethylamine		50	10	0.96	ug/L	19.1	38	19-120	3	22	
N-Nitrosodi-n-propylamine		50	5.0	0.23	ug/L	31.0	62	40-120	9	23	
N-Nitrosodiphenylamine		50	5.0	0.40	ug/L	48.3	97	54-125	12	15	
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50	10	0.41	ug/L	24.6	49	37-147	3	21	
Phenanthrene		50	5.0	0.071	ug/L	42.0	84	56-120	9	16	
Phenol		50	5.0	0.12	ug/L	13.2	26	12-120	5	36	
Pyrene		50	5.0	0.041	ug/L	44.3	89	52-120	4	15	
Surrogate: 2-Fluorophenol					*ug/L*		*32*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*24*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*57*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*65*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*81*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*84*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 09/10/09 (Lab Number:9I08077-BLK1, Batch: 9I08077)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 09/10/09 (Lab Number:9I08077-BS1, Batch: 9I08077)											
Zinc		0.200	0.0100	0.0015	mg/L	0.203	101	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 09/10/09 (Lab Number:9I10021-BLK1, Batch: 9I10021)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 09/10/09 (Lab Number:9I10021-BS1, Batch: 9I10021)											
Mercury		0.00333	0.0002	0.0001	mg/L	0.00292	88	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSI0221

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 09/04/09
Reported: 09/15/09 13:47

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 09/05/09 (Lab Number:9I05003-BS1, Batch: 9I05003)											
pH		7.00	NA	0.00	SU	7.00	100	99.3-100.8			
General Chemistry Parameters											
Blank Analyzed: 09/15/09 (Lab Number:9I11031-BLK1, Batch: 9I11031)											
Total Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 09/15/09 (Lab Number:9I11031-BS1, Batch: 9I11031)											
Total Cyanide		0.400	0.0100	0.0050	mg/L	0.379	95	90-110			

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. 1
Client Contact: Andrew Janik	Phone: 984 645-2301	E-Mail: Paul.Morrow@testamericainc.com		Page 1
Company: Groundwater & Env Svcs Inc - Cheektowaga, NY		Analysis Requested		Job #:
Address: 158 Sonwil Drive	Due Date Requested:			Preservation Codes:
City: Cheektowaga	TAT Requested (days): 10			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			Other:
Email:	WO #: RSH0179			
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)	200.7::245.1	4500-H+ B	336.4	625	624	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	B	B	A			
001 (RSH0179-01)	9-2-09	0730	G	W			4	4	4	4	8	24	
		0945											
		1100											
		1515											

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: 9-2-09 1600	Company: GES	Received by: [signature]	Date/Time: 09/04/09 1345	Company: TAB BUFFALO
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 6.0 °C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSJ0359

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Paul K Morrow

Paul Morrow

Project Manager

Paul.Morrow@testamericainc.com

Sunday, October 18, 2009

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T10470441208-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

DATA QUALIFIERS AND DEFINITIONS

E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
P16	Lab to composite volatile samples by date/time/flow.
SL	Volatile sample was composited in the laboratory prior to analysis.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ0359-01 (001 - Water)						**Sampled: 10/02/09 14:45**			**Recvd: 10/05/09 14:00**	
Acid and Base/Neutral Extractables by EPA Method 625										
Bis(2-ethylhexyl) phthalate	**0.95**	J	9.9	0.85	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Total Metals by EPA 200 Series Methods										
Zinc	**0.0037**	J	0.0100	0.0015	mg/L	1.00	10/07/09 18:55	DAN	9J07008	200.7
General Chemistry Parameters										
Total Cyanide	**0.164**		0.0100	0.0050	mg/L	1.00	10/09/09 09:47	jmm	9J08075	335.4
pH	**7.38**	HFT	NR	0.00	SU	1.00	10/06/09 12:32	RJP	9J06041	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSJ0359-01	Water	10/02/09 14:45	10/05/09 14:00	P16

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ0359-01 (001 - Water)						**Sampled: 10/02/09 14:45**		**Recvd: 10/05/09 14:00**		
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND	SL	5.0	0.73	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,1,2,2-Tetrachloroethane	ND	SL	5.0	1.2	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,1,2-Trichloroethane	ND	SL	5.0	0.48	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,1-Dichloroethane	ND	SL	5.0	0.59	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,1-Dichloroethene	ND	SL	5.0	0.85	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,2-Dichlorobenzene	ND	SL	5.0	0.44	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,2-Dichloroethane	ND	SL	5.0	0.60	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,2-Dichloroethene, Total	ND	SL	10	3.2	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,2-Dichloropropane	ND	SL	5.0	0.61	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,3-Dichlorobenzene	ND	SL	5.0	0.54	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,4-Dichlorobenzene	ND	SL	5.0	0.51	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
2-Chloroethyl vinyl ether	ND	SL	25	3.7	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Acrolein	ND	SL	100	17	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Acrylonitrile	ND	SL	100	4.0	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Benzene	ND	SL	5.0	0.60	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Bromodichloromethane	ND	SL	5.0	0.54	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Bromoform	ND	SL	5.0	0.47	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Bromomethane	ND	SL	5.0	1.2	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Carbon Tetrachloride	ND	SL	5.0	0.51	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Chlorobenzene	ND	SL	5.0	0.48	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Dibromochloromethane	ND	SL	5.0	0.41	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Chloroethane	ND	SL	5.0	0.87	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Chloroform	ND	SL	5.0	0.54	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Chloromethane	ND	SL	5.0	0.64	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
cis-1,3-Dichloropropene	ND	SL	5.0	0.57	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Ethyl Methacrylate	ND	SL	5.0	0.61	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Ethylbenzene	ND	SL	5.0	0.46	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Methylene Chloride	ND	SL	5.0	0.81	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Tetrachloroethene	ND	SL	5.0	0.34	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Toluene	ND	SL	5.0	0.45	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
trans-1,3-Dichloropropene	ND	SL	5.0	0.44	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Trichloroethene	ND	SL	5.0	0.60	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Trichlorofluoromethane	ND	SL	5.0	0.45	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
Vinyl chloride	ND	SL	5.0	0.75	ug/L	1.00	10/11/09 15:08	MF	9J11002	624
1,2-Dichloroethane-d4	*98 %*	*SL*	*Surr Limits: (88-132%)*				*10/11/09 15:08*	*MF*	*9J11002*	*624*
4-Bromofluorobenzene	*95 %*	*SL*	*Surr Limits: (78-122%)*				*10/11/09 15:08*	*MF*	*9J11002*	*624*
Toluene-d8	*100 %*	*SL*	*Surr Limits: (87-110%)*				*10/11/09 15:08*	*MF*	*9J11002*	*624*
Acid and Base/Neutral Extractables by EPA Method 625										
1,2,3,4-Tetrachlorobenzene	ND		9.9	0.91	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,2,4,5-Tetrachlorobenzene	ND		9.9	1.1	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,2,4-Trichlorobenzene	ND		9.9	0.49	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,2-Dichlorobenzene	ND		9.9	0.14	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,2-Diphenylhydrazine	ND		9.9	0.062	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,3-Dichlorobenzene	ND		9.9	0.068	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
1,4-Dichlorobenzene	ND		9.9	0.089	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4,5-Trichlorophenol	ND		5.0	1.0	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4,5-trichlorotoluene	ND		9.9	1.2	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Analytical Report

Sample ID: RSJ0359-01 (001 - Water) - cont. **Sampled: 10/02/09 14:45** **Recvd: 10/05/09 14:00**

Acid and Base/Neutral Extractables by EPA Method 625 - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
2,4,6-Trichlorophenol	ND		5.0	0.23	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4-Dichlorophenol	ND		5.0	0.30	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4-Dimethylphenol	ND		5.0	0.13	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4-Dinitrophenol	ND		9.9	0.83	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,4-Dinitrotoluene	ND		5.0	0.26	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,6-Dichlorophenol	ND		9.9	9.9	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,6-Dinitrotoluene	ND		5.0	0.71	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Chloronaphthalene	ND		5.0	0.067	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Chlorophenol	ND		5.0	0.15	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Methylanthracene	ND		9.9	0.25	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Methylnaphthalene	ND		5.0	0.15	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Methylphenol	ND		5.0	0.21	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Nitroaniline	ND		9.9	0.28	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Nitrophenol	ND		5.0	0.14	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
3 & 4 Methylphenol	ND		9.9	0.62	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
3,3'-Dichlorobenzidine	ND		5.0	0.81	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
3-Methylphenol	ND		9.9	0.62	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
3-Nitroaniline	ND		9.9	0.85	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4,6-Dinitro-2-methylphenol	ND		9.9	0.75	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Bromophenyl phenyl ether	ND		5.0	0.11	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Chloro-3-methylphenol	ND		5.0	0.55	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Chloroaniline	ND		5.0	0.69	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Chlorophenol	ND		9.9	1.0	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Chlorophenyl phenyl ether	ND		5.0	0.21	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Methylphenol	ND		5.0	0.62	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Nitroaniline	ND		9.9	0.20	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
4-Nitrophenol	ND		9.9	1.3	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Acenaphthene	ND		5.0	0.059	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Acenaphthylene	ND		5.0	0.034	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Acetophenone	ND		5.0	0.48	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Alpha-Terpineol	ND		9.9	0.88	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Aniline	ND		9.9	0.086	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Anthracene	ND		5.0	0.052	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzidine	ND	L	79	2.5	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo(a)anthracene	ND		5.0	0.043	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo(a)pyrene	ND		5.0	0.057	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo(b)fluoranthene	ND		5.0	0.061	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo[e]pyrene	ND		9.9	0.64	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo(ghi)perylene	ND		5.0	0.099	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzo(k)fluoranthene	ND		5.0	0.041	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzoic acid	ND		150	25	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Benzyl alcohol	ND		20	0.51	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Bis(2-chloroethoxy)methane	ND		5.0	0.084	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Bis(2-chloroethyl)ether	ND		5.0	1.1	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2,2'-Oxybis(1-Chloropropane)	ND		5.0	0.085	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Analytical Report

Sample ID: RSJ0359-01 (001 - Water) - cont. **Sampled: 10/02/09 14:45** **Recvd: 10/05/09 14:00**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
Bis(2-ethylhexyl) phthalate	**0.95**	J	9.9	0.85	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Butyl benzyl phthalate	ND		5.0	1.3	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Carbazole	ND		5.0	0.060	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Chrysene	ND		5.0	0.035	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Cresol(s)	ND		20	0.21	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Dibenzo(a,h)anthracene	ND		5.0	0.055	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Dibenzofuran	ND		5.0	0.13	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Diethyl phthalate	ND		5.0	0.17	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Dimethyl phthalate	ND		5.0	0.16	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Di-n-butyl phthalate	ND		5.0	0.93	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Di-n-octyl phthalate	ND		5.0	4.4	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Fluoranthene	ND		5.0	0.11	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Fluorene	ND		5.0	0.042	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Hexachlorobenzene	ND		5.0	0.27	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Hexachlorobutadiene	ND		5.0	0.61	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Hexachlorocyclopentadiene	ND		5.0	0.45	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Hexachloroethane	ND		5.0	0.48	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Indeno(1,2,3-cd)pyrene	ND		5.0	0.18	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Isophorone	ND		5.0	0.16	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Naphthalene	ND		5.0	0.079	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Decane	ND		9.9	1.6	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Nitrobenzene	ND		5.0	0.11	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
N-Nitrosodimethylamine	ND		9.9	0.95	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
N-Nitrosodi-n-propylamine	ND		5.0	0.23	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
N-Nitrosodiphenylamine	ND	L	5.0	0.39	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
n-Octadecane	ND		9.9	0.69	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Pentachlorophenol	ND		9.9	0.41	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Phenanthrene	ND	L	5.0	0.070	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Phenol	ND		5.0	0.12	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Pyrene	ND		5.0	0.040	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Pyridine	ND		25	1.2	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
Tributyl phosphate	ND		9.9	0.82	ug/L	1.00	10/07/09 23:26	JLG	9J06001	625
2-Fluorophenol	*60 %*		*Surr Limits: (17-120%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
Phenol-d5	*36 %*		*Surr Limits: (10-120%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
Nitrobenzene-d5	*92 %*		*Surr Limits: (42-120%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
2-Fluorobiphenyl	*98 %*		*Surr Limits: (44-120%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
2,4,6-Tribromophenol	*95 %*		*Surr Limits: (49-122%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
p-Terphenyl-d14	*65 %*		*Surr Limits: (22-125%)*				*10/07/09 23:26*	*JLG*	*9J06001*	*625*
Total Metals by EPA 200 Series Methods										
Zinc	**0.0037**	J	0.0100	0.0015	mg/L	1.00	10/07/09 18:55	DAN	9J07008	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	10/07/09 19:18	MXM	9J07052	245.1
General Chemistry Parameters										
Total Cyanide	**0.164**		0.0100	0.0050	mg/L	1.00	10/09/09 09:47	jmm	9J08075	335.4
pH	**7.38**	HFT	NA	0.00	SU	1.00	10/06/09 12:32	RJP	9J06041	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9J06001	RSJ0359-01	1,010.00	mL	1.00	mL	10/06/09 08:00	BML	3510C MB
General Chemistry Parameters									
335.4	9J08075	RSJ0359-01	50.00	mL	50.00	mL	10/08/09 11:00	KLD	Cn Digestion
4500-H+ B	9J06041	RSJ0359-01	50.00	mL	50.00	mL	10/06/09 12:32	RJP	No prep pH
Total Metals by EPA 200 Series Methods									
200.7	9J07008	RSJ0359-01	50.00	mL	50.00	mL	10/07/09 08:35	KCW	3005A
245.1	9J07052	RSJ0359-01	30.00	mL	50.00	mL	10/07/09 15:15	MXM	7470A
Volatile Organic Compounds									
624	9J11002	RSJ0359-01	5.00	mL	5.00	mL	10/11/09 10:59	MAF	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 10/11/09 (Lab Number:9J11002-BLK1, Batch: 9J11002)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Dibromochloromethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	ND					
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*96*	*88-132*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*97*	*78-122*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

Volatile Organic Compounds

Blank Analyzed: 10/11/09 (Lab Number:9J11002-BLK1, Batch: 9J11002)							
Surrogate: Toluene-d8				*ug/L*		*101*	*87-110*
LCS Analyzed: 10/11/09 (Lab Number:9J11002-BS1, Batch: 9J11002)							
1,1,1-Trichloroethane	20.0	5.0	0.73	ug/L	16.9	85	75-125
1,1,2,2-Tetrachloroethane	20.0	5.0	1.2	ug/L	18.0	90	61-140
1,1,2-Trichloroethane	20.0	5.0	0.48	ug/L	18.0	90	71-129
1,1-Dichloroethane	20.0	5.0	0.59	ug/L	17.8	89	73-128
1,1-Dichloroethene	20.0	5.0	0.85	ug/L	16.2	81	51-150
1,2-Dichlorobenzene	20.0	5.0	0.44	ug/L	18.7	93	63-137
1,2-Dichloroethane	20.0	5.0	0.60	ug/L	17.9	89	68-132
1,2-Dichloropropane	20.0	5.0	0.61	ug/L	18.3	91	34-166
1,3-Dichlorobenzene	20.0	5.0	0.54	ug/L	18.7	93	73-127
1,4-Dichlorobenzene	20.0	5.0	0.51	ug/L	18.7	93	63-137
2-Chloroethyl vinyl ether	100	25	3.7	ug/L	111	111	1-224
Benzene	20.0	5.0	0.60	ug/L	17.9	89	64-136
Bromodichloromethane	20.0	5.0	0.54	ug/L	17.2	86	66-135
Bromoform	20.0	5.0	0.47	ug/L	17.2	86	73-129
Bromomethane	20.0	5.0	1.2	ug/L	17.6	88	14-186
Carbon Tetrachloride	20.0	5.0	0.51	ug/L	16.4	82	73-127
Chlorobenzene	20.0	5.0	0.48	ug/L	18.2	91	66-134
Dibromochloromethane	20.0	5.0	0.41	ug/L	17.2	86	68-133
Chloroethane	20.0	5.0	0.87	ug/L	17.9	89	38-162
Chloroform	20.0	5.0	0.54	ug/L	17.6	88	68-133
Chloromethane	20.0	5.0	0.64	ug/L	18.3	92	1-204
cis-1,3-Dichloropropene	20.0	5.0	0.57	ug/L	17.3	86	24-176
Ethylbenzene	20.0	5.0	0.46	ug/L	18.0	90	59-141
Methylene Chloride	20.0	5.0	0.81	ug/L	17.5	88	61-140
Tetrachloroethene	20.0	5.0	0.34	ug/L	17.5	88	74-127
Toluene	20.0	5.0	0.45	ug/L	18.0	90	75-126
trans-1,3-Dichloropropene	20.0	5.0	0.44	ug/L	17.4	87	50-150
Trichloroethene	20.0	5.0	0.60	ug/L	17.3	87	67-134
Trichlorofluoromethane	20.0	5.0	0.45	ug/L	18.5	92	48-152
Vinyl chloride	20.0	5.0	0.75	ug/L	19.3	96	4-196
Surrogate: 1,2-Dichloroethane-d4				*ug/L*		*97*	*88-132*
Surrogate: 4-Bromofluorobenzene				*ug/L*		*99*	*78-122*
Surrogate: Toluene-d8				*ug/L*		*100*	*87-110*

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 10/07/09 (Lab Number:9J06001-BLK1, Batch: 9J06001)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					
Benzo(a)anthracene			5.0	0.043	ug/L	ND					
Benzo(a)pyrene			5.0	0.058	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.062	ug/L	ND					
Benzo(ghi)perylene			5.0	0.10	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 10/07/09 (Lab Number:9J06001-BLK1, Batch: 9J06001)											
Chrysene			5.0	0.036	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	ND					
Dimethyl phthalate			5.0	0.17	ug/L	ND					
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					L1
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					
Surrogate: 2-Fluorophenol					*ug/L*		*50*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*34*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*72*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*83*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*94*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*99*	*22-125*			
LCS Analyzed: 10/07/09 (Lab Number:9J06001-BS1, Batch: 9J06001)											
1,2,4-Trichlorobenzene		50.0	10	0.49	ug/L	40.0	80	44-120			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 10/07/09 (Lab Number:9J06001-BS1, Batch: 9J06001)											
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	38.8	78	32-120			
1,2-Diphenylhydrazine		50.0	10	0.063	ug/L	52.2	104	47-146			
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	39.0	78	14-120			
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	37.2	74	20-120			
2,4,6-Trichlorophenol		50.0	5.0	0.23	ug/L	50.9	102	48-136			
2,4-Dichlorophenol		50.0	5.0	0.30	ug/L	48.5	97	43-123			
2,4-Dimethylphenol		50.0	5.0	0.13	ug/L	46.8	94	42-120			
2,4-Dinitrophenol		50.0	10	0.84	ug/L	52.8	106	20-125			
2,4-Dinitrotoluene		50.0	5.0	0.26	ug/L	53.4	107	51-139			
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	58.3	117	55-144			
2-Chloronaphthalene		50.0	5.0	0.068	ug/L	46.2	92	30-120			
2-Chlorophenol		50.0	5.0	0.16	ug/L	41.4	83	31-120			
2-Nitrophenol		50.0	5.0	0.14	ug/L	47.1	94	34-123			
3,3'-Dichlorobenzidine		50.0	5.0	0.82	ug/L	46.9	94	35-143			
4,6-Dinitro-2-methylphenol		50.0	10	0.76	ug/L	65.6	131	32-156			
4-Bromophenyl phenyl ether		50.0	5.0	0.11	ug/L	51.4	103	53-127			
4-Chloro-3-methylphenol		50.0	5.0	0.56	ug/L	50.6	101	45-138			
4-Chlorophenyl phenyl ether		50.0	5.0	0.21	ug/L	47.3	95	43-126			
4-Nitrophenol		50.0	10	1.3	ug/L	21.0	42	22-120			
Acenaphthene		50.0	5.0	0.060	ug/L	51.3	103	47-120			
Acenaphthylene		50.0	5.0	0.034	ug/L	52.0	104	35-129			
Anthracene		50.0	5.0	0.052	ug/L	56.8	114	49-133			
Benzidine		50.0	80	2.5	ug/L	125	251	1-120			L1,E
Benzo(a)anthracene		50.0	5.0	0.043	ug/L	44.2	88	50-143			
Benzo(a)pyrene		50.0	5.0	0.058	ug/L	47.8	96	57-140			
Benzo(b)fluoranthene		50.0	5.0	0.062	ug/L	43.5	87	59-138			
Benzo(ghi)perylene		50.0	5.0	0.10	ug/L	52.8	106	44-153			
Benzo(k)fluoranthene		50.0	5.0	0.042	ug/L	42.0	84	50-143			
Bis(2-chloroethoxy)methane		50.0	5.0	0.085	ug/L	37.3	75	40-120			
Bis(2-chloroethyl)ether		50.0	5.0	1.1	ug/L	42.0	84	35-120			
2,2'-Oxybis(1-Chloropropane)		50.0	5.0	0.086	ug/L	41.2	82	33-120			
Bis(2-ethylhexyl) phthalate		50.0	10	0.86	ug/L	44.1	88	49-158			
Butyl benzyl phthalate		50.0	5.0	1.3	ug/L	58.0	116	47-147			
Chrysene		50.0	5.0	0.036	ug/L	44.6	89	55-146			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 10/07/09 (Lab Number:9J06001-BS1, Batch: 9J06001)											
Dibenzo(a,h)anthracene		50.0	5.0	0.055	ug/L	52.1	104	45-153			
Diethyl phthalate		50.0	5.0	0.17	ug/L	52.2	104	45-135			
Dimethyl phthalate		50.0	5.0	0.17	ug/L	53.5	107	54-120			
Di-n-butyl phthalate		50.0	5.0	0.94	ug/L	54.2	108	53-120			
Di-n-octyl phthalate		50.0	5.0	4.5	ug/L	44.4	89	56-146			
Fluoranthene		50.0	5.0	0.11	ug/L	54.0	108	46-137			
Fluorene		50.0	5.0	0.043	ug/L	53.2	106	59-121			
Hexachlorobenzene		50.0	5.0	0.28	ug/L	48.8	98	54-133			
Hexachlorobutadiene		50.0	5.0	0.62	ug/L	36.8	74	24-120			
Hexachlorocyclopentadiene		50.0	5.0	0.45	ug/L	30.4	61	5-120			
Hexachloroethane		50.0	5.0	0.48	ug/L	36.4	73	40-113			
Indeno(1,2,3-cd)pyrene		50.0	5.0	0.19	ug/L	52.2	104	50-147			
Isophorone		50.0	5.0	0.16	ug/L	44.8	90	34-120			
Naphthalene		50.0	5.0	0.080	ug/L	45.4	91	33-120			
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	5.0	0.11	ug/L	46.6	93	35-120			
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	27.3	55	19-120			
N-Nitrosodi-n-propylamine		50.0	5.0	0.23	ug/L	48.2	96	40-120			
N-Nitrosodiphenylamine		50.0	5.0	0.40	ug/L	69.5	139	54-125			L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	10	0.41	ug/L	21.6	43	37-147			
Phenanthrene		50.0	5.0	0.071	ug/L	58.2	116	56-120			
Phenol		50.0	5.0	0.12	ug/L	19.3	39	12-120			
Pyrene		50.0	5.0	0.041	ug/L	56.4	113	52-120			
Surrogate: 2-Fluorophenol					*ug/L*		*53*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*36*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*86*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*93*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*103*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*74*	*22-125*			
LCS Dup Analyzed: 10/07/09 (Lab Number:9J06001-BSD1, Batch: 9J06001)											
1,2,4-Trichlorobenzene		50.0	10	0.49	ug/L	40.0	80	44-120	0.2	34	
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	40.0	80	32-120	3	38	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 10/07/09 (Lab Number:9J06001-BSD1, Batch: 9J06001)											
1,2-Diphenylhydrazine		50.0	10	0.063	ug/L	56.5	113	47-146	8	20	
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	40.6	81	14-120	4	37	
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	40.2	80	20-120	8	40	
2,4,6-Trichlorophenol		50.0	5.0	0.23	ug/L	54.8	110	48-136	7	20	
2,4-Dichlorophenol		50.0	5.0	0.30	ug/L	50.4	101	43-123	4	23	
2,4-Dimethylphenol		50.0	5.0	0.13	ug/L	50.4	101	42-120	7	18	
2,4-Dinitrophenol		50.0	10	0.84	ug/L	60.9	122	20-125	14	29	
2,4-Dinitrotoluene		50.0	5.0	0.26	ug/L	57.7	115	51-139	8	20	
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	60.5	121	55-144	4	17	
2-Chloronaphthalene		50.0	5.0	0.068	ug/L	48.5	97	30-120	5	30	
2-Chlorophenol		50.0	5.0	0.16	ug/L	45.0	90	31-120	8	26	
2-Nitrophenol		50.0	5.0	0.14	ug/L	47.2	94	34-123	0.3	28	
3,3'-Dichlorobenzidine		50.0	5.0	0.82	ug/L	61.4	123	35-143	27	31	
4,6-Dinitro-2-methylphenol		50.0	10	0.76	ug/L	69.4	139	32-156	6	30	
4-Bromophenyl phenyl ether		50.0	5.0	0.11	ug/L	55.5	111	53-127	8	16	
4-Chloro-3-methylphenol		50.0	5.0	0.56	ug/L	53.1	106	45-138	5	16	
4-Chlorophenyl phenyl ether		50.0	5.0	0.21	ug/L	51.7	103	43-126	9	15	
4-Nitrophenol		50.0	10	1.3	ug/L	24.1	48	22-120	14	24	
Acenaphthene		50.0	5.0	0.060	ug/L	54.3	109	47-120	6	25	
Acenaphthylene		50.0	5.0	0.034	ug/L	55.5	111	35-129	6	22	
Anthracene		50.0	5.0	0.052	ug/L	58.7	117	49-133	3	15	
Benzidine		50.0	80	2.5	ug/L	151	303	1-120	19	50	L1,E
Benzo(a)anthracene		50.0	5.0	0.043	ug/L	46.5	93	50-143	5	15	
Benzo(a)pyrene		50.0	5.0	0.058	ug/L	49.9	100	57-140	4	15	
Benzo(b)fluoranthene		50.0	5.0	0.062	ug/L	47.1	94	59-138	8	17	
Benzo(ghi)perylene		50.0	5.0	0.10	ug/L	54.0	108	44-153	2	19	
Benzo(k)fluoranthene		50.0	5.0	0.042	ug/L	45.0	90	50-143	7	19	
Bis(2-chloroethoxy)methane		50.0	5.0	0.085	ug/L	37.8	76	40-120	1	23	
Bis(2-chloroethyl)ether		50.0	5.0	1.1	ug/L	44.8	90	35-120	6	33	
2,2'-Oxybis(1-Chloropropane)		50.0	5.0	0.086	ug/L	43.2	86	33-120	5	36	
Bis(2-ethylhexyl) phthalate		50.0	10	0.86	ug/L	44.8	90	49-158	2	15	
Butyl benzyl phthalate		50.0	5.0	1.3	ug/L	59.2	118	47-147	2	15	
Chrysene		50.0	5.0	0.036	ug/L	47.6	95	55-146	7	15	
Dibenzo(a,h)anthracene		50.0	5.0	0.055	ug/L	52.1	104	45-153	0.1	18	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 10/07/09 (Lab Number:9J06001-BSD1, Batch: 9J06001)											
Diethyl phthalate		50.0	5.0	0.17	ug/L	58.0	116	45-135	10	15	
Dimethyl phthalate		50.0	5.0	0.17	ug/L	57.8	116	54-120	8	15	
Di-n-butyl phthalate		50.0	5.0	0.94	ug/L	58.0	116	53-120	7	15	
Di-n-octyl phthalate		50.0	5.0	4.5	ug/L	48.2	96	56-146	8	15	
Fluoranthene		50.0	5.0	0.11	ug/L	58.8	118	46-137	8	15	
Fluorene		50.0	5.0	0.043	ug/L	56.9	114	59-121	7	18	
Hexachlorobenzene		50.0	5.0	0.28	ug/L	50.4	101	54-133	3	15	
Hexachlorobutadiene		50.0	5.0	0.62	ug/L	37.2	74	24-120	1	50	
Hexachlorocyclopentadiene		50.0	5.0	0.45	ug/L	30.4	61	5-120	0.1	50	
Hexachloroethane		50.0	5.0	0.48	ug/L	37.9	76	40-113	4	43	
Indeno(1,2,3-cd)pyrene		50.0	5.0	0.19	ug/L	52.7	105	50-147	1	17	
Isophorone		50.0	5.0	0.16	ug/L	45.1	90	34-120	0.7	21	
Naphthalene		50.0	5.0	0.080	ug/L	45.5	91	33-120	0.2	31	
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	5.0	0.11	ug/L	46.1	92	35-120	0.9	27	
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	30.4	61	19-120	10	22	
N-Nitrosodi-n-propylamine		50.0	5.0	0.23	ug/L	51.9	104	40-120	7	23	
N-Nitrosodiphenylamine		50.0	5.0	0.40	ug/L	74.3	149	54-125	7	15	L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	10	0.41	ug/L	23.9	48	37-147	10	21	
Phenanthrene		50.0	5.0	0.071	ug/L	61.8	124	56-120	6	16	L1
Phenol		50.0	5.0	0.12	ug/L	21.6	43	12-120	11	36	
Pyrene		50.0	5.0	0.041	ug/L	56.8	114	52-120	0.7	15	
Surrogate: 2-Fluorophenol					*ug/L*		*59*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*39*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*86*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*98*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*107*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*73*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 10/07/09 (Lab Number:9J07008-BLK1, Batch: 9J07008)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 10/07/09 (Lab Number:9J07008-BS1, Batch: 9J07008)											
Zinc		0.200	0.0100	0.0015	mg/L	0.196	98	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 10/07/09 (Lab Number:9J07052-BLK1, Batch: 9J07052)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 10/07/09 (Lab Number:9J07052-BS1, Batch: 9J07052)											
Mercury		0.00667	0.0002	0.0001	mg/L	0.00638	96	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSJ0359

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 10/05/09
Reported: 10/18/09 17:12

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 10/06/09 (Lab Number:9J06041-BS1, Batch: 9J06041)											
pH		7.00	NA	0.00	SU	7.02	100	99.3-100.8			
Duplicate Analyzed: 10/06/09 (Lab Number:9J06041-DUP1, Batch: 9J06041)											
QC Source Sample: RSJ0359-01											
pH	7.38		NA	0.00	SU	7.41			0.4	5	
pH (2)	7.38		NA		SU	7.41			0.4	5	
pH (3)	7.38		NA		SU	7.41			0.4	5	
pH (4)	7.38		NA		SU	7.41			0.4	5	
General Chemistry Parameters											
Blank Analyzed: 10/09/09 (Lab Number:9J08075-BLK1, Batch: 9J08075)											
Total Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 10/09/09 (Lab Number:9J08075-BS1, Batch: 9J08075)											
Total Cyanide		0.400	0.0100	0.0050	mg/L	0.387	97	90-110			

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: _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 (days): 10			
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email:	WO #: RSF0017			
Project Name: BRISTOL-MYERS MONTHLY - NY5A9483AE04622	Project #: BRISTOL-MYERS MONTHLY			
Site: GES - Bristol Myers - NY5A9483	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)	200.7/245.1	4500-H+ B	335.4	625	624	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	I	B	I	A		
001	10-2-09	0830	G	W			4	4	4	4	8	12	Comp 11 Amber for all except 624
001	10-2-09	1130	G	W								1	624 compat bench
001	10-2-09	1300	G	W									
001	10-2-09	1445	G	W									

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	10-2-09 1530	GES		10-05-09 14:00	BUFFALO
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: 2.0°C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSK0422

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Melissa Deyo

Melissa Deyo For Paul Morrow
Project Manager
melissa.deyo@testamericainc.com
Tuesday, November 17, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412 08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

DATA QUALIFIERS AND DEFINITIONS

E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
Z1	Surrogate recovery was above acceptance limits.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSK0422-01 (001 - Water)						**Sampled: 11/06/09 07:30**		**Recvd: 11/06/09 14:42**		
General Chemistry Parameters										
Total Cyanide	**0.170**		0.0100	0.0050	mg/L	1.00	11/11/09 10:05	jmm	9K09117	335.4
pH	**7.57**	HFT	NR	0.00	SU	1.00	11/06/09 22:40	JME	9K06111	4500-H+ B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSK0422-01	Water	11/06/09 07:30	11/06/09 14:42	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSK0422-01 (001 - Water)						**Sampled: 11/06/09 07:30**		**Recvd: 11/06/09 14:42**		
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND		5.0	0.73	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,1,2,2-Tetrachloroethane	ND		5.0	1.2	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,1-Dichloroethane	ND		5.0	0.59	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,1-Dichloroethene	ND		5.0	0.85	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,2-Dichloroethane	ND		5.0	0.60	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,2-Dichloroethene, Total	ND		10	3.2	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,2-Dichloropropane	ND		5.0	0.61	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
2-Chloroethyl vinyl ether	ND		25	3.7	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Acrolein	ND		100	17	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Acrylonitrile	ND		100	4.0	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Benzene	ND		5.0	0.60	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Bromodichloromethane	ND		5.0	0.54	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Bromoform	ND		5.0	0.47	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Bromomethane	ND		5.0	1.2	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Carbon Tetrachloride	ND		5.0	0.51	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Chlorobenzene	ND		5.0	0.48	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Dibromochloromethane	ND		5.0	0.41	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Chloroethane	ND		5.0	0.87	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Chloroform	ND		5.0	0.54	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Chloromethane	ND		5.0	0.64	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
cis-1,3-Dichloropropene	ND		5.0	0.57	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Ethyl Methacrylate	ND		5.0	0.61	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Ethylbenzene	ND		5.0	0.46	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Methylene Chloride	ND		5.0	0.81	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Tetrachloroethene	ND		5.0	0.34	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Toluene	ND		5.0	0.45	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Trichloroethene	ND		5.0	0.60	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Trichlorofluoromethane	ND		5.0	0.45	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
Vinyl chloride	ND		5.0	0.75	ug/L	1.00	11/11/09 22:32	TRB	9K11019	624
1,2-Dichloroethane-d4	*114 %*		*Surr Limits: (88-132%)*				*11/11/09 22:32*	*TRB*	*9K11019*	*624*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (78-122%)*				*11/11/09 22:32*	*TRB*	*9K11019*	*624*
Toluene-d8	*96 %*		*Surr Limits: (87-110%)*				*11/11/09 22:32*	*TRB*	*9K11019*	*624*
Acid and Base/Neutral Extractables by EPA Method 625										
1,2,4-Trichlorobenzene	ND		9.5	0.47	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
1,2-Dichlorobenzene	ND		9.5	0.14	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
1,2-Diphenylhydrazine	ND		9.5	0.060	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
1,3-Dichlorobenzene	ND		9.5	0.066	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
1,4-Dichlorobenzene	ND		9.5	0.085	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,4,6-Trichlorophenol	ND		4.8	0.22	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,4-Dichlorophenol	ND		4.8	0.29	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,4-Dimethylphenol	ND		4.8	0.13	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,4-Dinitrophenol	ND		9.5	0.80	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,4-Dinitrotoluene	ND		4.8	0.25	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

Analytical Report

Sample ID: RSK0422-01 (001 - Water) - cont. **Sampled: 11/06/09 07:30** **Recvd: 11/06/09 14:42**

Acid and Base/Neutral Extractables by EPA Method 625 - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
2,6-Dinitrotoluene	ND		4.8	0.68	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2-Chloronaphthalene	ND		4.8	0.064	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2-Chlorophenol	ND		4.8	0.15	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2-Nitrophenol	ND		4.8	0.14	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
3,3'-Dichlorobenzidine	ND	L	4.8	0.78	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
4,6-Dinitro-2-methylphenol	ND		9.5	0.72	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
4-Bromophenyl phenyl ether	ND		4.8	0.11	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
4-Chloro-3-methylphenol	ND		4.8	0.53	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
4-Chlorophenyl phenyl ether	ND		4.8	0.20	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
4-Nitrophenol	ND		9.5	1.3	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Acenaphthene	ND		4.8	0.057	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Acenaphthylene	ND		4.8	0.032	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Anthracene	ND		4.8	0.050	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzidine	ND		76	2.4	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzo(a)anthracene	ND		4.8	0.041	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzo(a)pyrene	ND		4.8	0.055	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzo(b)fluoranthene	ND		4.8	0.059	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzo(ghi)perylene	ND		4.8	0.095	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Benzo(k)fluoranthene	ND		4.8	0.040	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Bis(2-chloroethoxy)methane	ND		4.8	0.081	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Bis(2-chloroethyl)ether	ND		4.8	1.0	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2,2'-Oxybis(1-Chloropropane)	ND		4.8	0.082	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Bis(2-ethylhexyl) phthalate	ND		9.5	0.82	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Butyl benzyl phthalate	ND		4.8	1.2	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Chrysene	ND		4.8	0.034	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Dibenzo(a,h)anthracene	ND		4.8	0.053	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Diethyl phthalate	ND		4.8	0.16	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Dimethyl phthalate	ND	L	4.8	0.16	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Di-n-butyl phthalate	ND	L	4.8	0.89	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Di-n-octyl phthalate	ND		4.8	4.2	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Fluoranthene	ND		4.8	0.10	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Fluorene	ND	L	4.8	0.041	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Hexachlorobenzene	ND		4.8	0.26	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Hexachlorobutadiene	ND		4.8	0.59	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Hexachlorocyclopentadiene	ND		4.8	0.43	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Hexachloroethane	ND		4.8	0.46	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Indeno(1,2,3-cd)pyrene	ND		4.8	0.18	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Isophorone	ND		4.8	0.15	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Naphthalene	ND		4.8	0.076	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Decane	ND		9.5	1.5	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Nitrobenzene	ND		4.8	0.11	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
N-Nitrosodimethylamine	ND		9.5	0.92	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
N-Nitrosodi-n-propylamine	ND		4.8	0.22	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSK0422-01 (001 - Water) - cont.							**Sampled: 11/06/09 07:30**		**Recvd: 11/06/09 14:42**	
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
N-Nitrosodiphenylamine	ND	L	4.8	0.38	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
n-Octadecane	ND		9.5	0.67	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Pentachlorophenol	ND		9.5	0.39	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Phenanthrene	ND	L	4.8	0.068	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Phenol	ND		4.8	0.12	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
Pyrene	ND	L	4.8	0.039	ug/L	1.00	11/10/09 09:05	MAF	9K08012	625
2-Fluorophenol	*45 %*		*Surr Limits:*	*(17-120%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
Phenol-d5	*33 %*		*Surr Limits:*	*(10-120%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
Nitrobenzene-d5	*87 %*		*Surr Limits:*	*(42-120%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
2-Fluorobiphenyl	*97 %*		*Surr Limits:*	*(44-120%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
2,4,6-Tribromophenol	*105 %*		*Surr Limits:*	*(49-122%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
p-Terphenyl-d14	*92 %*		*Surr Limits:*	*(22-125%)*			*11/10/09 09:05*	*MAF*	*9K08012*	*625*
Total Metals by EPA 200 Series Methods										
Zinc	ND		0.0100	0.0015	mg/L	1.00	11/11/09 06:19	DAN	9K09059	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	11/10/09 20:24	MXM	9K09105	245.1
General Chemistry Parameters										
Total Cyanide	**0.170**		0.0100	0.0050	mg/L	1.00	11/11/09 10:05	jmm	9K09117	335.4
pH	**7.57**	HFT	NA	0.00	SU	1.00	11/06/09 22:40	JME	9K06111	4500-H+ B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9K08012	RSK0422-01	1,050.00	mL	1.00	mL	11/09/09 08:00	BML	3510C MB
General Chemistry Parameters									
335.4	9K09117	RSK0422-01	50.00	mL	50.00	mL	11/09/09 22:28	JME	Cn Digestion
4500-H+ B	9K06111	RSK0422-01	50.00	mL	50.00	mL	11/06/09 22:40	JME	No prep pH
Total Metals by EPA 200 Series Methods									
200.7	9K09059	RSK0422-01	50.00	mL	50.00	mL	11/10/09 10:30	KCW	3005A
245.1	9K09105	RSK0422-01	30.00	mL	50.00	mL	11/10/09 15:30	MXM	7470A
Volatile Organic Compounds									
624	9K11019	RSK0422-01	5.00	mL	5.00	mL	11/11/09 09:30	TRB	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 11/11/09 (Lab Number:9K11019-BLK1, Batch: 9K11019)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Dibromochloromethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	ND					
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*107*	*88-132*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 11/11/09 (Lab Number:9K11019-BLK1, Batch: 9K11019)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*97*	*78-122*			
Surrogate: Toluene-d8					*ug/L*		*97*	*87-110*			
LCS Analyzed: 11/11/09 (Lab Number:9K11019-BS1, Batch: 9K11019)											
1,1,1-Trichloroethane		20.0	5.0	0.73	ug/L	18.6	93	75-125			
1,1,2,2-Tetrachloroethane		20.0	5.0	1.2	ug/L	17.8	89	61-140			
1,1,2-Trichloroethane		20.0	5.0	0.48	ug/L	19.8	99	71-129			
1,1-Dichloroethane		20.0	5.0	0.59	ug/L	19.7	98	73-128			
1,1-Dichloroethene		20.0	5.0	0.85	ug/L	18.6	93	51-150			
1,2-Dichlorobenzene		20.0	5.0	0.44	ug/L	19.2	96	63-137			
1,2-Dichloroethane		20.0	5.0	0.60	ug/L	19.9	99	68-132			
1,2-Dichloropropane		20.0	5.0	0.61	ug/L	20.2	101	34-166			
1,3-Dichlorobenzene		20.0	5.0	0.54	ug/L	19.7	98	73-127			
1,4-Dichlorobenzene		20.0	5.0	0.51	ug/L	19.2	96	63-137			
2-Chloroethyl vinyl ether		100	25	3.7	ug/L	109	109	1-224			
Benzene		20.0	5.0	0.60	ug/L	20.0	100	64-136			
Bromodichloromethane		20.0	5.0	0.54	ug/L	18.5	93	66-135			
Bromoform		20.0	5.0	0.47	ug/L	16.2	81	73-129			
Bromomethane		20.0	5.0	1.2	ug/L	21.2	106	14-186			
Carbon Tetrachloride		20.0	5.0	0.51	ug/L	17.3	87	73-127			
Chlorobenzene		20.0	5.0	0.48	ug/L	19.9	99	66-134			
Dibromochloromethane		20.0	5.0	0.41	ug/L	17.5	87	68-133			
Chloroethane		20.0	5.0	0.87	ug/L	20.0	100	38-162			
Chloroform		20.0	5.0	0.54	ug/L	19.3	97	68-133			
Chloromethane		20.0	5.0	0.64	ug/L	24.1	120	1-204			
cis-1,3-Dichloropropene		20.0	5.0	0.57	ug/L	18.6	93	24-176			
Ethylbenzene		20.0	5.0	0.46	ug/L	20.8	104	59-141			
Methylene Chloride		20.0	5.0	0.81	ug/L	19.0	95	61-140			
Tetrachloroethene		20.0	5.0	0.34	ug/L	18.8	94	74-127			
Toluene		20.0	5.0	0.45	ug/L	19.9	99	75-126			
trans-1,3-Dichloropropene		20.0	5.0	0.44	ug/L	18.3	91	50-150			
Trichloroethene		20.0	5.0	0.60	ug/L	19.0	95	67-134			
Trichlorofluoromethane		20.0	5.0	0.45	ug/L	20.0	100	48-152			
Vinyl chloride		20.0	5.0	0.75	ug/L	22.2	111	4-196			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*100*	*88-132*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
LCS Analyzed: 11/11/09 (Lab Number:9K11019-BS1, Batch: 9K11019)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*96*	*78-122*			
Surrogate: Toluene-d8					*ug/L*		*100*	*87-110*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 11/10/09 (Lab Number:9K08012-BLK1, Batch: 9K08012)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					L
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					
Benzo(a)anthracene			5.0	0.043	ug/L	ND					
Benzo(a)pyrene			5.0	0.058	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.062	ug/L	ND					
Benzo(ghi)perylene			5.0	0.10	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 11/10/09 (Lab Number:9K08012-BLK1, Batch: 9K08012)											
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					
Chrysene			5.0	0.036	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	ND					
Dimethyl phthalate			5.0	0.17	ug/L	ND					L
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					L
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					L
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					L
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					L
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					L
Surrogate: 2-Fluorophenol					*ug/L*		*46*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*33*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*84*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*91*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*98*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*112*	*22-125*			
LCS Analyzed: 11/10/09 (Lab Number:9K08012-BS1, Batch: 9K08012)											

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 11/10/09 (Lab Number:9K08012-BS1, Batch: 9K08012)											
1,2,4-Trichlorobenzene		50.0	50	0.49	ug/L	45.5	91	44-120			J
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	40.8	82	32-120			
1,2-Diphenylhydrazine		50.0	10	0.063	ug/L	62.5	125	47-146			
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	40.4	81	14-120			
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	41.2	82	20-120			
2,4,6-Trichlorophenol		50.0	10	0.23	ug/L	62.6	125	48-136			
2,4-Dichlorophenol		50.0	10	0.30	ug/L	55.9	112	43-123			
2,4-Dimethylphenol		50.0	10	0.13	ug/L	53.1	106	42-120			
2,4-Dinitrophenol		50.0	42	0.84	ug/L	49.9	100	20-125			
2,4-Dinitrotoluene		50.0	5.7	0.26	ug/L	68.0	136	51-139			
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	69.7	139	55-144			
2-Chloronaphthalene		50.0	10	0.068	ug/L	54.7	109	30-120			
2-Chlorophenol		50.0	10	0.16	ug/L	45.4	91	31-120			
2-Nitrophenol		50.0	65	0.14	ug/L	56.6	113	34-123			J
3,3'-Dichlorobenzidine		50.0	16	0.82	ug/L	79.5	159	35-143			L1
4,6-Dinitro-2-methylphenol		50.0	24	0.76	ug/L	62.1	124	32-156			
4-Bromophenyl phenyl ether		50.0	10	0.11	ug/L	61.9	124	53-127			
4-Chloro-3-methylphenol		50.0	10	0.56	ug/L	63.1	126	45-138			
4-Chlorophenyl phenyl ether		50.0	10	0.21	ug/L	57.1	114	43-126			
4-Nitrophenol		50.0	100	1.3	ug/L	34.1	68	22-120			J
Acenaphthene		50.0	10	0.060	ug/L	59.6	119	47-120			
Acenaphthylene		50.0	10	0.034	ug/L	59.6	119	35-129			
Anthracene		50.0	10	0.052	ug/L	64.9	130	49-133			
Benzidine		50.0	80	2.5	ug/L	15.7	31	1-120			J
Benzo(a)anthracene		50.0	7.8	0.043	ug/L	64.3	129	50-143			
Benzo(a)pyrene		50.0	10	0.058	ug/L	69.0	138	57-140			
Benzo(b)fluoranthene		50.0	10	0.062	ug/L	59.7	119	59-138			
Benzo(ghi)perylene		50.0	10	0.10	ug/L	67.4	135	44-153			
Benzo(k)fluoranthene		50.0	10	0.042	ug/L	66.0	132	50-143			
Bis(2-chloroethoxy)methane		50.0	5.3	0.085	ug/L	39.9	80	40-120			
Bis(2-chloroethyl)ether		50.0	5.7	1.1	ug/L	42.7	85	35-120			
2,2'-Oxybis(1-Chloropropane)		50.0	5.7	0.086	ug/L	44.2	88	33-120			
Bis(2-ethylhexyl) phthalate		50.0	20	0.86	ug/L	58.8	118	49-158			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 11/10/09 (Lab Number:9K08012-BS1, Batch: 9K08012)											
Butyl benzyl phthalate		50.0	10	1.3	ug/L	67.5	135	47-147			
Chrysene		50.0	10	0.036	ug/L	65.9	132	55-146			
Dibenzo(a,h)anthracene		50.0	10	0.055	ug/L	69.3	139	45-153			
Diethyl phthalate		50.0	20	0.17	ug/L	63.2	126	45-135			
Dimethyl phthalate		50.0	10	0.17	ug/L	62.3	125	54-120			L1
Di-n-butyl phthalate		50.0	20	0.94	ug/L	67.1	134	53-120			L1
Di-n-octyl phthalate		50.0	10	4.5	ug/L	57.4	115	56-146			
Fluoranthene		50.0	20	0.11	ug/L	68.5	137	46-137			
Fluorene		50.0	10	0.043	ug/L	63.6	127	59-121			L1
Hexachlorobenzene		50.0	20	0.28	ug/L	59.7	119	54-133			
Hexachlorobutadiene		50.0	100	0.62	ug/L	43.0	86	24-120			J
Hexachlorocyclopentadiene		50.0	50	0.45	ug/L	32.6	65	5-120			J
Hexachloroethane		50.0	100	0.48	ug/L	40.8	82	40-113			J
Indeno(1,2,3-cd)pyrene		50.0	10	0.19	ug/L	70.6	141	50-147			
Isophorone		50.0	10	0.16	ug/L	49.5	99	34-120			
Naphthalene		50.0	10	0.080	ug/L	51.0	102	33-120			
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	50	0.11	ug/L	48.7	97	35-120			J
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	30.6	61	19-120			
N-Nitrosodi-n-propylamine		50.0	10	0.23	ug/L	50.2	100	40-120			
N-Nitrosodiphenylamine		50.0	10	0.40	ug/L	76.4	153	54-125			L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	50	0.41	ug/L	23.8	48	37-147			J
Phenanthrene		50.0	5.4	0.071	ug/L	64.6	129	56-120			L1
Phenol		50.0	10	0.12	ug/L	22.8	46	12-120			
Pyrene		50.0	10	0.041	ug/L	62.7	125	52-120			L1
Surrogate: 2-Fluorophenol					*ug/L*		*55*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*42*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*100*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*110*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*128*	*49-122*			*Z1*
Surrogate: p-Terphenyl-d14					*ug/L*		*110*	*22-125*			
LCS Dup Analyzed: 11/10/09 (Lab Number:9K08012-BSD1, Batch: 9K08012)											

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 11/10/09 (Lab Number:9K08012-BSD1, Batch: 9K08012)											
1,2,4-Trichlorobenzene		50.0	50	0.49	ug/L	38.7	77	44-120	16	34	J
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	34.2	68	32-120	18	38	
1,2-Diphenylhydrazine		50.0	10	0.063	ug/L	59.1	118	47-146	6	20	
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	34.0	68	14-120	17	37	
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	34.7	69	20-120	17	40	
2,4,6-Trichlorophenol		50.0	10	0.23	ug/L	58.8	118	48-136	6	20	
2,4-Dichlorophenol		50.0	10	0.30	ug/L	53.0	106	43-123	5	23	
2,4-Dimethylphenol		50.0	10	0.13	ug/L	50.2	100	42-120	5	18	
2,4-Dinitrophenol		50.0	42	0.84	ug/L	50.7	101	20-125	2	29	
2,4-Dinitrotoluene		50.0	5.7	0.26	ug/L	67.3	135	51-139	1	20	
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	67.5	135	55-144	3	17	
2-Chloronaphthalene		50.0	10	0.068	ug/L	49.2	98	30-120	10	30	
2-Chlorophenol		50.0	10	0.16	ug/L	39.9	80	31-120	13	26	
2-Nitrophenol		50.0	65	0.14	ug/L	50.3	101	34-123	12	28	J
3,3'-Dichlorobenzidine		50.0	16	0.82	ug/L	80.6	161	35-143	1	31	L1,E
4,6-Dinitro-2-methylphenol		50.0	24	0.76	ug/L	62.7	125	32-156	0.9	30	
4-Bromophenyl phenyl ether		50.0	10	0.11	ug/L	58.4	117	53-127	6	16	
4-Chloro-3-methylphenol		50.0	10	0.56	ug/L	60.0	120	45-138	5	16	
4-Chlorophenyl phenyl ether		50.0	10	0.21	ug/L	54.1	108	43-126	5	15	
4-Nitrophenol		50.0	100	1.3	ug/L	33.2	66	22-120	3	24	J
Acenaphthene		50.0	10	0.060	ug/L	55.7	111	47-120	7	25	
Acenaphthylene		50.0	10	0.034	ug/L	56.1	112	35-129	6	22	
Anthracene		50.0	10	0.052	ug/L	61.9	124	49-133	5	15	
Benzidine		50.0	80	2.5	ug/L	17.1	34	1-120	9	50	J
Benzo(a)anthracene		50.0	7.8	0.043	ug/L	63.4	127	50-143	1	15	
Benzo(a)pyrene		50.0	10	0.058	ug/L	65.9	132	57-140	5	15	
Benzo(b)fluoranthene		50.0	10	0.062	ug/L	57.5	115	59-138	4	17	
Benzo(ghi)perylene		50.0	10	0.10	ug/L	65.7	131	44-153	3	19	
Benzo(k)fluoranthene		50.0	10	0.042	ug/L	63.5	127	50-143	4	19	
Bis(2-chloroethoxy)methane		50.0	5.3	0.085	ug/L	35.8	72	40-120	11	23	
Bis(2-chloroethyl)ether		50.0	5.7	1.1	ug/L	36.8	74	35-120	15	33	
2,2'-Oxybis(1-Chloropropane)		50.0	5.7	0.086	ug/L	38.0	76	33-120	15	36	
Bis(2-ethylhexyl) phthalate		50.0	20	0.86	ug/L	57.2	114	49-158	3	15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 11/10/09 (Lab Number:9K08012-BSD1, Batch: 9K08012)											
Butyl benzyl phthalate		50.0	10	1.3	ug/L	66.2	132	47-147	2	15	
Chrysene		50.0	10	0.036	ug/L	64.3	129	55-146	2	15	
Dibenzo(a,h)anthracene		50.0	10	0.055	ug/L	66.0	132	45-153	5	18	
Diethyl phthalate		50.0	20	0.17	ug/L	60.1	120	45-135	5	15	
Dimethyl phthalate		50.0	10	0.17	ug/L	58.0	116	54-120	7	15	
Di-n-butyl phthalate		50.0	20	0.94	ug/L	64.0	128	53-120	5	15	L1
Di-n-octyl phthalate		50.0	10	4.5	ug/L	54.0	108	56-146	6	15	
Fluoranthene		50.0	20	0.11	ug/L	64.6	129	46-137	6	15	
Fluorene		50.0	10	0.043	ug/L	59.8	120	59-121	6	18	
Hexachlorobenzene		50.0	20	0.28	ug/L	57.6	115	54-133	3	15	
Hexachlorobutadiene		50.0	100	0.62	ug/L	36.6	73	24-120	16	50	J
Hexachlorocyclopentadiene		50.0	50	0.45	ug/L	29.5	59	5-120	10	50	J
Hexachloroethane		50.0	100	0.48	ug/L	34.1	68	40-113	18	43	J
Indeno(1,2,3-cd)pyrene		50.0	10	0.19	ug/L	67.7	135	50-147	4	17	
Isophorone		50.0	10	0.16	ug/L	43.8	88	34-120	12	21	
Naphthalene		50.0	10	0.080	ug/L	45.4	91	33-120	12	31	
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	50	0.11	ug/L	43.3	87	35-120	12	27	J
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	26.0	52	19-120	16	22	
N-Nitrosodi-n-propylamine		50.0	10	0.23	ug/L	44.1	88	40-120	13	23	
N-Nitrosodiphenylamine		50.0	10	0.40	ug/L	72.9	146	54-125	5	15	L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	50	0.41	ug/L	23.3	47	37-147	2	21	J
Phenanthrene		50.0	5.4	0.071	ug/L	61.7	123	56-120	5	16	L1
Phenol		50.0	10	0.12	ug/L	20.4	41	12-120	11	36	
Pyrene		50.0	10	0.041	ug/L	60.5	121	52-120	4	15	L1
Surrogate: 2-Fluorophenol					*ug/L*		*48*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*37*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*88*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*98*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*123*	*49-122*			*Z1*
Surrogate: p-Terphenyl-d14					*ug/L*		*106*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 11/11/09 (Lab Number:9K09059-BLK1, Batch: 9K09059)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 11/11/09 (Lab Number:9K09059-BS1, Batch: 9K09059)											
Zinc		0.200	0.0100	0.0015	mg/L	0.194	97	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 11/10/09 (Lab Number:9K09105-BLK1, Batch: 9K09105)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 11/10/09 (Lab Number:9K09105-BS1, Batch: 9K09105)											
Mercury		0.00667	0.0002	0.0001	mg/L	0.00665	100	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSK0422

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 11/06/09
Reported: 11/17/09 13:37

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
LCS Analyzed: 11/06/09 (Lab Number:9K06111-BS1, Batch: 9K06111)											
pH		7.00	NA	0.00	SU	6.97	100	99.3-100.8			
Duplicate Analyzed: 11/06/09 (Lab Number:9K06111-DUP1, Batch: 9K06111)											
QC Source Sample: RSK0422-01											
pH	7.57		NA	0.00	SU	7.60			0.4	5	
General Chemistry Parameters											
Blank Analyzed: 11/11/09 (Lab Number:9K09117-BLK1, Batch: 9K09117)											
Total Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 11/11/09 (Lab Number:9K09117-BS1, Batch: 9K09117)											
Total Cyanide		0.250	0.0100	0.0050	mg/L	0.240	96	90-110			
Duplicate Analyzed: 11/11/09 (Lab Number:9K09117-DUP1, Batch: 9K09117)											
QC Source Sample: RSK0422-01											
Total Cyanide	0.170		0.0100	0.0050	mg/L	0.174			2	15	
Matrix Spike Analyzed: 11/11/09 (Lab Number:9K09117-MS1, Batch: 9K09117)											
QC Source Sample: RSK0422-01											
Total Cyanide	0.170	0.100	0.0100	0.0050	mg/L	0.292	122	85-115			M8

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brent Miller	Lab PM: Paul Morrow	Carrier Tracking No(s):	COC No: _1
Client Contact: Andrew Janik	Phone: 484-645-2501	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 (days): 10			
State, Zip: NY, 14225				
Phone: (716) 706-0074	PO #: 0901204-15-220			
Email:	WO #: RSH0179			
Project Name: BRISTOL-MYERS MONTHLY - NY5A9483AE04622	Project #: BRISTOL-MYERS MONTHLY			
Site: GES - Bristol Myers - NY5A9463	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)	200.7::245.1	4500-H+ B	335.4	625	624	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	I	B	I	A		
001 (RSH0179-01)	11-6-09	0730	G	W			4	4	4	4	8		
	11-6-09	0945											
	11-6-09	1200											
	11-6-09	1430											

Comp

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	11-6-09 1442	GES	Angela Lyon	11.6.09 1447	
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:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSL0978

Project Description
BRISTOL-MYERS MONTHLY

For:

Andrew Janik

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Melissa Deyo

Melissa Deyo For Paul Morrow
Project Manager
melissa.deyo@testamericainc.com

Thursday, January 7, 2010

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412 08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

DATA QUALIFIERS AND DEFINITIONS

CF6	Results confirmed by reanalysis.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0978-01 (001 - Water)						**Sampled: 12/22/09 14:00**		**Recvd: 12/23/09 09:15**		
Acid and Base/Neutral Extractables by EPA Method 625										
Pyrene	**0.61**	J	5.1	0.042	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Total Metals by EPA 200 Series Methods										
Zinc	**0.0028**	J	0.0100	0.0015	mg/L	1.00	12/28/09 18:11	AMH	9L28002	200.7
General Chemistry Parameters										
Total Cyanide	**0.173**	CF6	0.0100	0.0050	mg/L	1.00	01/04/10 08:28	jmm	10A0002	335.4
pH	**7.77**	HFT	NR	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
001	RSL0978-01	Water	12/22/09 14:00	12/23/09 09:15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0978-01 (001 - Water)						**Sampled: 12/22/09 14:00**		**Recvd: 12/23/09 09:15**		
Volatile Organic Compounds										
1,1,1-Trichloroethane	ND		5.0	0.73	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,1,2,2-Tetrachloroethane	ND		5.0	1.2	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,1-Dichloroethane	ND		5.0	0.59	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,1-Dichloroethene	ND		5.0	0.85	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,2-Dichloroethane	ND		5.0	0.60	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,2-Dichloroethene, Total	ND		10	3.2	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,2-Dichloropropane	ND		5.0	0.61	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
2-Chloroethyl vinyl ether	ND		25	3.7	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Acrolein	ND		100	17	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Acrylonitrile	ND		100	4.0	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Benzene	ND		5.0	0.60	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Bromodichloromethane	ND		5.0	0.54	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Bromoform	ND		5.0	0.47	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Bromomethane	ND		5.0	1.2	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Carbon Tetrachloride	ND		5.0	0.51	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Chlorobenzene	ND		5.0	0.48	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Dibromochloromethane	ND		5.0	0.41	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Chloroethane	ND		5.0	0.87	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Chloroform	ND		5.0	0.54	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Chloromethane	ND		5.0	0.64	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
cis-1,3-Dichloropropene	ND		5.0	0.57	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Ethyl Methacrylate	ND		5.0	0.61	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Ethylbenzene	ND		5.0	0.46	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Methylene Chloride	ND		5.0	0.81	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Tetrachloroethene	ND		5.0	0.34	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Toluene	ND		5.0	0.45	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Trichloroethene	ND		5.0	0.60	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Trichlorofluoromethane	ND		5.0	0.45	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
Vinyl chloride	ND		5.0	0.75	ug/L	1.00	12/30/09 19:01	TRB	9L30021	624
1,2-Dichloroethane-d4	*114 %*		*Surr Limits: (88-132%)*				*12/30/09 19:01*	*TRB*	*9L30021*	*624*
4-Bromofluorobenzene	*96 %*		*Surr Limits: (78-122%)*				*12/30/09 19:01*	*TRB*	*9L30021*	*624*
Toluene-d8	*99 %*		*Surr Limits: (87-110%)*				*12/30/09 19:01*	*TRB*	*9L30021*	*624*
Acid and Base/Neutral Extractables by EPA Method 625										
1,2,4-Trichlorobenzene	ND		10	0.50	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
1,2-Dichlorobenzene	ND		10	0.15	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
1,2-Diphenylhydrazine	ND		10	0.064	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
1,3-Dichlorobenzene	ND		10	0.070	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
1,4-Dichlorobenzene	ND		10	0.091	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,4,6-Trichlorophenol	ND		5.1	0.24	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,4-Dichlorophenol	ND		5.1	0.31	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,4-Dimethylphenol	ND		5.1	0.14	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,4-Dinitrophenol	ND		10	0.86	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,4-Dinitrotoluene	ND		5.1	0.27	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

Analytical Report

Sample ID: RSL0978-01 (001 - Water) - cont. **Sampled: 12/22/09 14:00** **Recvd: 12/23/09 09:15**

Acid and Base/Neutral Extractables by EPA Method 625 - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
2,6-Dinitrotoluene	ND		5.1	0.73	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2-Chloronaphthalene	ND		5.1	0.069	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2-Chlorophenol	ND		5.1	0.16	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2-Nitrophenol	ND		5.1	0.15	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
3,3'-Dichlorobenzidine	ND		5.1	0.84	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
4,6-Dinitro-2-methylphenol	ND		10	0.78	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
4-Bromophenyl phenyl ether	ND		5.1	0.12	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
4-Chloro-3-methylphenol	ND		5.1	0.57	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
4-Chlorophenyl phenyl ether	ND		5.1	0.21	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
4-Nitrophenol	ND		10	1.4	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Acenaphthene	ND		5.1	0.061	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Acenaphthylene	ND		5.1	0.035	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Anthracene	ND		5.1	0.054	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzidine	ND	L	82	2.6	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzo(a)anthracene	ND		5.1	0.044	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzo(a)pyrene	ND		5.1	0.059	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzo(b)fluoranthene	ND		5.1	0.063	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzo(ghi)perylene	ND		5.1	0.10	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Benzo(k)fluoranthene	ND		5.1	0.043	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Bis(2-chloroethoxy)methane	ND		5.1	0.087	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Bis(2-chloroethyl)ether	ND		5.1	1.1	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2,2'-Oxybis(1-Chloropropane)	ND		5.1	0.088	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Bis(2-ethylhexyl) phthalate	ND		10	0.88	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Butyl benzyl phthalate	ND		5.1	1.3	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Chrysene	ND		5.1	0.037	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Dibenzo(a,h)anthracene	ND		5.1	0.056	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Diethyl phthalate	ND		5.1	0.18	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Dimethyl phthalate	ND		5.1	0.17	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Di-n-butyl phthalate	ND		5.1	0.96	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Di-n-octyl phthalate	ND		5.1	4.5	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Fluoranthene	ND		5.1	0.11	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Fluorene	ND		5.1	0.044	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Hexachlorobenzene	ND		5.1	0.28	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Hexachlorobutadiene	ND		5.1	0.63	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Hexachlorocyclopentadiene	ND		5.1	0.46	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Hexachloroethane	ND		5.1	0.49	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Indeno(1,2,3-cd)pyrene	ND		5.1	0.19	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Isophorone	ND		5.1	0.16	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Naphthalene	ND		5.1	0.082	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Decane	ND		10	1.6	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Nitrobenzene	ND		5.1	0.11	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
N-Nitrosodimethylamine	ND		10	0.98	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
N-Nitrosodi-n-propylamine	ND		5.1	0.23	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0978-01 (001 - Water) - cont.							**Sampled: 12/22/09 14:00**		**Recvd: 12/23/09 09:15**	
Acid and Base/Neutral Extractables by EPA Method 625 - cont.										
N-Nitrosodiphenylamine	ND	L	5.1	0.40	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
n-Octadecane	ND		10	0.71	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Pentachlorophenol	ND		10	0.42	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Phenanthrene	ND		5.1	0.072	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Phenol	ND		5.1	0.12	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
Pyrene	**0.61**	J	5.1	0.042	ug/L	1.00	12/29/09 14:58	JLG	9L23088	625
2-Fluorophenol	*46 %*		*Surr Limits: (17-120%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
Phenol-d5	*34 %*		*Surr Limits: (10-120%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
Nitrobenzene-d5	*81 %*		*Surr Limits: (42-120%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
2-Fluorobiphenyl	*88 %*		*Surr Limits: (44-120%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
2,4,6-Tribromophenol	*95 %*		*Surr Limits: (49-122%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
p-Terphenyl-d14	*52 %*		*Surr Limits: (22-125%)*				*12/29/09 14:58*	*JLG*	*9L23088*	*625*
Total Metals by EPA 200 Series Methods										
Zinc	**0.0028**	J	0.0100	0.0015	mg/L	1.00	12/28/09 18:11	AMH	9L28002	200.7
Mercury	ND		0.0002	0.0001	mg/L	1.00	12/31/09 14:10	MXM	9L28037	245.1
General Chemistry Parameters										
Total Cyanide	**0.173**	CF6	0.0100	0.0050	mg/L	1.00	01/04/10 08:28	jmm	10A0002	335.4
pH	**7.77**	HFT	NA	0.00	SU	1.00	12/23/09 19:34	JFR	9L24028	4500-H+ B

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Acid and Base/Neutral Extractables by EPA Method 625									
625	9L23088	RSL0978-01	980.00	mL	1.00	mL	12/24/09 07:00	KMB	3510C MB
General Chemistry Parameters									
335.4	10A0002	RSL0978-01	50.00	mL	50.00	mL	01/02/10 11:52	MDM	Cn Digestion
4500-H+ B	9L24028	RSL0978-01	1.00	mL	1.00	mL	12/23/09 19:34	JFR	pH
Total Metals by EPA 200 Series Methods									
200.7	9L28002	RSL0978-01	50.00	mL	50.00	mL	12/28/09 09:00	JRK	3005A
245.1	9L28037	RSL0978-01	30.00	mL	50.00	mL	12/31/09 10:30	MXM	7470A
Volatile Organic Compounds									
624	9L30021	RSL0978-01	5.00	mL	5.00	mL	12/30/09 10:28	TRB	5030B MS

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 12/30/09 (Lab Number:9L30021-BLK1, Batch: 9L30021)											
1,1,1-Trichloroethane			5.0	0.73	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	1.2	ug/L	ND					
1,1,2-Trichloroethane			5.0	0.48	ug/L	ND					
1,1-Dichloroethane			5.0	0.59	ug/L	ND					
1,1-Dichloroethene			5.0	0.85	ug/L	ND					
1,2-Dichlorobenzene			5.0	0.44	ug/L	ND					
1,2-Dichloroethane			5.0	0.60	ug/L	ND					
1,2-Dichloroethene, Total			10	3.2	ug/L	ND					
1,2-Dichloropropane			5.0	0.61	ug/L	ND					
1,3-Dichlorobenzene			5.0	0.54	ug/L	ND					
1,4-Dichlorobenzene			5.0	0.51	ug/L	ND					
2-Chloroethyl vinyl ether			25	3.7	ug/L	ND					
Acrolein			100	17	ug/L	ND					
Acrylonitrile			100	4.0	ug/L	ND					
Benzene			5.0	0.60	ug/L	ND					
Bromodichloromethane			5.0	0.54	ug/L	ND					
Bromoform			5.0	0.47	ug/L	ND					
Bromomethane			5.0	1.2	ug/L	ND					
Carbon Tetrachloride			5.0	0.51	ug/L	ND					
Chlorobenzene			5.0	0.48	ug/L	ND					
Dibromochloromethane			5.0	0.41	ug/L	ND					
Chloroethane			5.0	0.87	ug/L	ND					
Chloroform			5.0	0.54	ug/L	ND					
Chloromethane			5.0	0.64	ug/L	ND					
cis-1,3-Dichloropropene			5.0	0.57	ug/L	ND					
Ethyl Methacrylate			5.0	0.61	ug/L	ND					
Ethylbenzene			5.0	0.46	ug/L	ND					
Methylene Chloride			5.0	0.81	ug/L	ND					
Tetrachloroethene			5.0	0.34	ug/L	ND					
Toluene			5.0	0.45	ug/L	ND					
trans-1,3-Dichloropropene			5.0	0.44	ug/L	ND					
Trichloroethene			5.0	0.60	ug/L	ND					
Trichlorofluoromethane			5.0	0.45	ug/L	ND					
Vinyl chloride			5.0	0.75	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*114*	*88-132*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
Blank Analyzed: 12/30/09 (Lab Number:9L30021-BLK1, Batch: 9L30021)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*97*	*78-122*			
Surrogate: Toluene-d8					*ug/L*		*98*	*87-110*			
LCS Analyzed: 12/30/09 (Lab Number:9L30021-BS1, Batch: 9L30021)											
1,1,1-Trichloroethane		20.0	5.0	0.73	ug/L	20.7	104	75-125			
1,1,2,2-Tetrachloroethane		20.0	5.0	1.2	ug/L	19.3	96	61-140			
1,1,2-Trichloroethane		20.0	5.0	0.48	ug/L	20.6	103	71-129			
1,1-Dichloroethane		20.0	5.0	0.59	ug/L	21.3	106	73-128			
1,1-Dichloroethene		20.0	5.0	0.85	ug/L	16.0	80	51-150			
1,2-Dichlorobenzene		20.0	5.0	0.44	ug/L	19.6	98	63-137			
1,2-Dichloroethane		20.0	5.0	0.60	ug/L	20.9	104	68-132			
1,2-Dichloropropane		20.0	5.0	0.61	ug/L	20.4	102	34-166			
1,3-Dichlorobenzene		20.0	5.0	0.54	ug/L	19.9	100	73-127			
1,4-Dichlorobenzene		20.0	5.0	0.51	ug/L	19.5	97	63-137			
2-Chloroethyl vinyl ether		100	25	3.7	ug/L	114	114	1-224			
Benzene		20.0	5.0	0.60	ug/L	21.3	106	64-136			
Bromodichloromethane		20.0	5.0	0.54	ug/L	20.7	104	66-135			
Bromoform		20.0	5.0	0.47	ug/L	16.1	80	73-129			
Bromomethane		20.0	5.0	1.2	ug/L	18.1	90	14-186			
Carbon Tetrachloride		20.0	5.0	0.51	ug/L	19.4	97	73-127			
Chlorobenzene		20.0	5.0	0.48	ug/L	20.1	101	66-134			
Dibromochloromethane		20.0	5.0	0.41	ug/L	18.8	94	68-133			
Chloroethane		20.0	5.0	0.87	ug/L	20.1	101	38-162			
Chloroform		20.0	5.0	0.54	ug/L	20.8	104	68-133			
Chloromethane		20.0	5.0	0.64	ug/L	22.5	112	1-204			
cis-1,3-Dichloropropene		20.0	5.0	0.57	ug/L	20.2	101	24-176			
Ethylbenzene		20.0	5.0	0.46	ug/L	20.4	102	59-141			
Methylene Chloride		20.0	5.0	0.81	ug/L	20.6	103	61-140			
Tetrachloroethene		20.0	5.0	0.34	ug/L	19.4	97	74-127			
Toluene		20.0	5.0	0.45	ug/L	20.2	101	75-126			
trans-1,3-Dichloropropene		20.0	5.0	0.44	ug/L	19.7	99	50-150			
Trichloroethene		20.0	5.0	0.60	ug/L	19.6	98	67-134			
Trichlorofluoromethane		20.0	5.0	0.45	ug/L	21.5	108	48-152			
Vinyl chloride		20.0	5.0	0.75	ug/L	22.9	114	4-196			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*108*	*88-132*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds											
LCS Analyzed: 12/30/09 (Lab Number:9L30021-BS1, Batch: 9L30021)											
Surrogate: 4-Bromofluorobenzene					*ug/L*		*99*	*78-122*			
Surrogate: Toluene-d8					*ug/L*		*100*	*87-110*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 12/29/09 (Lab Number:9L23088-BLK1, Batch: 9L23088)											
1,2,4-Trichlorobenzene			10	0.49	ug/L	ND					
1,2-Dichlorobenzene			10	0.14	ug/L	ND					
1,2-Diphenylhydrazine			10	0.063	ug/L	ND					
1,3-Dichlorobenzene			10	0.069	ug/L	ND					
1,4-Dichlorobenzene			10	0.090	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.23	ug/L	ND					
2,4-Dichlorophenol			5.0	0.30	ug/L	ND					
2,4-Dimethylphenol			5.0	0.13	ug/L	ND					
2,4-Dinitrophenol			10	0.84	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.26	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.72	ug/L	ND					
2-Chloronaphthalene			5.0	0.068	ug/L	ND					
2-Chlorophenol			5.0	0.16	ug/L	ND					
2-Nitrophenol			5.0	0.14	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.82	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	0.76	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.11	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.56	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.21	ug/L	ND					
4-Nitrophenol			10	1.3	ug/L	ND					
Acenaphthene			5.0	0.060	ug/L	ND					
Acenaphthylene			5.0	0.034	ug/L	ND					
Anthracene			5.0	0.052	ug/L	ND					
Benzidine			80	2.5	ug/L	ND					L
Benzo(a)anthracene			5.0	0.043	ug/L	ND					
Benzo(a)pyrene			5.0	0.058	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.062	ug/L	ND					
Benzo(ghi)perylene			5.0	0.10	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.042	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.085	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	1.1	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.086	ug/L	ND					
Bis(2-ethylhexyl) phthalate			10	0.86	ug/L	ND					

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
Blank Analyzed: 12/29/09 (Lab Number:9L23088-BLK1, Batch: 9L23088)											
Butyl benzyl phthalate			5.0	1.3	ug/L	ND					
Chrysene			5.0	0.036	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.055	ug/L	ND					
Diethyl phthalate			5.0	0.17	ug/L	ND					
Dimethyl phthalate			5.0	0.17	ug/L	ND					
Di-n-butyl phthalate			5.0	0.94	ug/L	ND					
Di-n-octyl phthalate			5.0	4.5	ug/L	ND					
Fluoranthene			5.0	0.11	ug/L	ND					
Fluorene			5.0	0.043	ug/L	ND					
Hexachlorobenzene			5.0	0.28	ug/L	ND					
Hexachlorobutadiene			5.0	0.62	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.45	ug/L	ND					
Hexachloroethane			5.0	0.48	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.19	ug/L	ND					
Isophorone			5.0	0.16	ug/L	ND					
Naphthalene			5.0	0.080	ug/L	ND					
Decane			10	1.6	ug/L	ND					
Nitrobenzene			5.0	0.11	ug/L	ND					
N-Nitrosodimethylamine			10	0.96	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.23	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.40	ug/L	ND					L
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol			10	0.41	ug/L	ND					
Phenanthrene			5.0	0.071	ug/L	ND					
Phenol			5.0	0.12	ug/L	ND					
Pyrene			5.0	0.041	ug/L	ND					
Surrogate: 2-Fluorophenol					*ug/L*		*43*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*33*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*81*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*91*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*76*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*87*	*22-125*			
LCS Analyzed: 12/29/09 (Lab Number:9L23088-BS1, Batch: 9L23088)											

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 12/29/09 (Lab Number:9L23088-BS1, Batch: 9L23088)											
1,2,4-Trichlorobenzene		50.0	10	0.49	ug/L	39.5	79	44-120			
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	36.5	73	32-120			
1,2-Diphenylhydrazine			10	0.063	ug/L	51.4		47-146			
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	35.7	71	14-120			
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	36.8	74	20-120			
2,4,6-Trichlorophenol		50.0	5.0	0.23	ug/L	53.2	106	48-136			
2,4-Dichlorophenol		50.0	5.0	0.30	ug/L	47.4	95	43-123			
2,4-Dimethylphenol		50.0	5.0	0.13	ug/L	44.0	88	42-120			
2,4-Dinitrophenol		50.0	42	0.84	ug/L	45.9	92	20-125			
2,4-Dinitrotoluene		50.0	5.7	0.26	ug/L	55.6	111	51-139			
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	58.8	118	55-144			
2-Chloronaphthalene		50.0	5.0	0.068	ug/L	47.7	95	30-120			
2-Chlorophenol		50.0	5.0	0.16	ug/L	38.4	77	31-120			
2-Nitrophenol		50.0	5.0	0.14	ug/L	47.1	94	34-123			
3,3'-Dichlorobenzidine		50.0	5.0	0.82	ug/L	61.5	123	35-143			
4,6-Dinitro-2-methylphenol		50.0	24	0.76	ug/L	66.2	132	32-156			
4-Bromophenyl phenyl ether		50.0	5.0	0.11	ug/L	55.5	111	53-127			
4-Chloro-3-methylphenol		50.0	5.0	0.56	ug/L	50.1	100	45-138			
4-Chlorophenyl phenyl ether		50.0	5.0	0.21	ug/L	47.5	95	43-126			
4-Nitrophenol		50.0	10	1.3	ug/L	21.7	43	22-120			
Acenaphthene		50.0	5.0	0.060	ug/L	50.9	102	47-120			
Acenaphthylene		50.0	5.0	0.034	ug/L	50.6	101	35-129			
Anthracene		50.0	5.0	0.052	ug/L	55.8	112	49-133			
Benzidine		50.0	80	2.5	ug/L	80.5	161	1-120			E,L1
Benzo(a)anthracene		50.0	7.8	0.043	ug/L	52.4	105	50-143			
Benzo(a)pyrene		50.0	5.0	0.058	ug/L	51.9	104	57-140			
Benzo(b)fluoranthene		50.0	5.0	0.062	ug/L	47.6	95	59-138			
Benzo(ghi)perylene		50.0	5.0	0.10	ug/L	48.5	97	44-153			
Benzo(k)fluoranthene		50.0	5.0	0.042	ug/L	49.3	99	50-143			
Bis(2-chloroethoxy)methane		50.0	5.3	0.085	ug/L	35.9	72	40-120			
Bis(2-chloroethyl)ether		50.0	5.7	1.1	ug/L	39.4	79	35-120			
2,2'-Oxybis(1-Chloropropane)		50.0	5.7	0.086	ug/L	38.1	76	33-120			
Bis(2-ethylhexyl) phthalate		50.0	10	0.86	ug/L	48.2	96	49-158			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Analyzed: 12/29/09 (Lab Number:9L23088-BS1, Batch: 9L23088)											
Butyl benzyl phthalate		50.0	5.0	1.3	ug/L	58.1	116	47-147			
Chrysene		50.0	5.0	0.036	ug/L	52.0	104	55-146			
Dibenzo(a,h)anthracene		50.0	5.0	0.055	ug/L	47.2	94	45-153			
Diethyl phthalate		50.0	5.0	0.17	ug/L	52.5	105	45-135			
Dimethyl phthalate		50.0	5.0	0.17	ug/L	52.7	105	54-120			
Di-n-butyl phthalate		50.0	5.0	0.94	ug/L	57.1	114	53-120			
Di-n-octyl phthalate		50.0	5.0	4.5	ug/L	51.8	104	56-146			
Fluoranthene		50.0	5.0	0.11	ug/L	58.0	116	46-137			
Fluorene		50.0	5.0	0.043	ug/L	52.0	104	59-121			
Hexachlorobenzene		50.0	5.0	0.28	ug/L	53.0	106	54-133			
Hexachlorobutadiene		50.0	5.0	0.62	ug/L	37.4	75	24-120			
Hexachlorocyclopentadiene		50.0	5.0	0.45	ug/L	39.2	78	5-120			
Hexachloroethane		50.0	5.0	0.48	ug/L	35.1	70	40-113			
Indeno(1,2,3-cd)pyrene		50.0	5.0	0.19	ug/L	48.4	97	50-147			
Isophorone		50.0	5.0	0.16	ug/L	43.7	87	34-120			
Naphthalene		50.0	5.0	0.080	ug/L	44.5	89	33-120			
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	5.0	0.11	ug/L	43.2	86	35-120			
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	25.1	50	19-120			
N-Nitrosodi-n-propylamine		50.0	5.0	0.23	ug/L	44.8	90	40-120			
N-Nitrosodiphenylamine		50.0	5.0	0.40	ug/L	64.8	130	54-125			L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	10	0.41	ug/L	27.7	55	37-147			
Phenanthrene		50.0	5.4	0.071	ug/L	55.8	112	56-120			
Phenol		50.0	10	0.12	ug/L	20.7	41	12-120			
Pyrene		50.0	5.0	0.041	ug/L	55.6	111	52-120			
Surrogate: 2-Fluorophenol					*ug/L*		*44*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*34*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*84*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*93*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*112*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*77*	*22-125*			
LCS Dup Analyzed: 12/29/09 (Lab Number:9L23088-BSD1, Batch: 9L23088)											

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 12/29/09 (Lab Number:9L23088-BSD1, Batch: 9L23088)											
1,2,4-Trichlorobenzene		50.0	10	0.49	ug/L	42.2	84	44-120	7	34	
1,2-Dichlorobenzene		50.0	10	0.14	ug/L	39.4	79	32-120	8	38	
1,2-Diphenylhydrazine			10	0.063	ug/L	55.0		47-146	7	20	
1,3-Dichlorobenzene		50.0	10	0.069	ug/L	38.4	77	14-120	7	37	
1,4-Dichlorobenzene		50.0	10	0.090	ug/L	39.0	78	20-120	6	40	
2,4,6-Trichlorophenol		50.0	5.0	0.23	ug/L	58.3	117	48-136	9	20	
2,4-Dichlorophenol		50.0	5.0	0.30	ug/L	51.4	103	43-123	8	23	
2,4-Dimethylphenol		50.0	5.0	0.13	ug/L	45.0	90	42-120	2	18	
2,4-Dinitrophenol		50.0	42	0.84	ug/L	52.7	105	20-125	14	29	
2,4-Dinitrotoluene		50.0	5.7	0.26	ug/L	60.5	121	51-139	8	20	
2,6-Dinitrotoluene		50.0	5.0	0.72	ug/L	63.6	127	55-144	8	17	
2-Chloronaphthalene		50.0	5.0	0.068	ug/L	50.7	101	30-120	6	30	
2-Chlorophenol		50.0	5.0	0.16	ug/L	41.5	83	31-120	8	26	
2-Nitrophenol		50.0	5.0	0.14	ug/L	51.4	103	34-123	9	28	
3,3'-Dichlorobenzidine		50.0	5.0	0.82	ug/L	68.6	137	35-143	11	31	
4,6-Dinitro-2-methylphenol		50.0	24	0.76	ug/L	73.0	146	32-156	10	30	
4-Bromophenyl phenyl ether		50.0	5.0	0.11	ug/L	57.2	114	53-127	3	16	
4-Chloro-3-methylphenol		50.0	5.0	0.56	ug/L	53.8	108	45-138	7	16	
4-Chlorophenyl phenyl ether		50.0	5.0	0.21	ug/L	50.8	102	43-126	7	15	
4-Nitrophenol		50.0	10	1.3	ug/L	23.4	47	22-120	7	24	
Acenaphthene		50.0	5.0	0.060	ug/L	54.6	109	47-120	7	25	
Acenaphthylene		50.0	5.0	0.034	ug/L	53.8	108	35-129	6	22	
Anthracene		50.0	5.0	0.052	ug/L	58.2	116	49-133	4	15	
Benzidine		50.0	80	2.5	ug/L	84.6	169	1-120	5	50	E,L1
Benzo(a)anthracene		50.0	7.8	0.043	ug/L	54.6	109	50-143	4	15	
Benzo(a)pyrene		50.0	5.0	0.058	ug/L	53.2	106	57-140	3	15	
Benzo(b)fluoranthene		50.0	5.0	0.062	ug/L	48.7	97	59-138	2	17	
Benzo(ghi)perylene		50.0	5.0	0.10	ug/L	49.9	100	44-153	3	19	
Benzo(k)fluoranthene		50.0	5.0	0.042	ug/L	49.8	100	50-143	1	19	
Bis(2-chloroethoxy)methane		50.0	5.3	0.085	ug/L	38.4	77	40-120	7	23	
Bis(2-chloroethyl)ether		50.0	5.7	1.1	ug/L	42.5	85	35-120	8	33	
2,2'-Oxybis(1-Chloropropane)		50.0	5.7	0.086	ug/L	40.7	81	33-120	7	36	
Bis(2-ethylhexyl) phthalate		50.0	10	0.86	ug/L	50.2	100	49-158	4	15	

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Acid and Base/Neutral Extractables by EPA Method 625											
LCS Dup Analyzed: 12/29/09 (Lab Number:9L23088-BSD1, Batch: 9L23088)											
Butyl benzyl phthalate		50.0	5.0	1.3	ug/L	60.7	121	47-147	4	15	
Chrysene		50.0	5.0	0.036	ug/L	54.9	110	55-146	5	15	
Dibenzo(a,h)anthracene		50.0	5.0	0.055	ug/L	48.4	97	45-153	3	18	
Diethyl phthalate		50.0	5.0	0.17	ug/L	57.3	115	45-135	9	15	
Dimethyl phthalate		50.0	5.0	0.17	ug/L	56.7	113	54-120	7	15	
Di-n-butyl phthalate		50.0	5.0	0.94	ug/L	59.7	119	53-120	4	15	
Di-n-octyl phthalate		50.0	5.0	4.5	ug/L	52.7	105	56-146	2	15	
Fluoranthene		50.0	5.0	0.11	ug/L	61.0	122	46-137	5	15	
Fluorene		50.0	5.0	0.043	ug/L	55.8	112	59-121	7	18	
Hexachlorobenzene		50.0	5.0	0.28	ug/L	55.3	111	54-133	4	15	
Hexachlorobutadiene		50.0	5.0	0.62	ug/L	39.4	79	24-120	5	50	
Hexachlorocyclopentadiene		50.0	5.0	0.45	ug/L	42.3	85	5-120	7	50	
Hexachloroethane		50.0	5.0	0.48	ug/L	37.6	75	40-113	7	43	
Indeno(1,2,3-cd)pyrene		50.0	5.0	0.19	ug/L	49.3	99	50-147	2	17	
Isophorone		50.0	5.0	0.16	ug/L	46.5	93	34-120	6	21	
Naphthalene		50.0	5.0	0.080	ug/L	47.3	95	33-120	6	31	
Decane			10	1.6	ug/L	ND					
Nitrobenzene		50.0	5.0	0.11	ug/L	45.7	91	35-120	6	27	
N-Nitrosodimethylamine		50.0	10	0.96	ug/L	27.6	55	19-120	10	22	
N-Nitrosodi-n-propylamine		50.0	5.0	0.23	ug/L	47.6	95	40-120	6	23	
N-Nitrosodiphenylamine		50.0	5.0	0.40	ug/L	68.7	137	54-125	6	15	L1
n-Octadecane			10	0.70	ug/L	ND					
Pentachlorophenol		50.0	10	0.41	ug/L	29.9	60	37-147	8	21	
Phenanthrene		50.0	5.4	0.071	ug/L	58.0	116	56-120	4	16	
Phenol		50.0	10	0.12	ug/L	21.7	43	12-120	5	36	
Pyrene		50.0	5.0	0.041	ug/L	57.3	115	52-120	3	15	
Surrogate: 2-Fluorophenol					*ug/L*		*46*	*17-120*			
Surrogate: Phenol-d5					*ug/L*		*36*	*10-120*			
Surrogate: Nitrobenzene-d5					*ug/L*		*88*	*42-120*			
Surrogate: 2-Fluorobiphenyl					*ug/L*		*98*	*44-120*			
Surrogate: 2,4,6-Tribromophenol					*ug/L*		*117*	*49-122*			
Surrogate: p-Terphenyl-d14					*ug/L*		*79*	*22-125*			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 12/28/09 (Lab Number:9L28002-BLK1, Batch: 9L28002)											
Zinc			0.0100	0.0015	mg/L	ND					
LCS Analyzed: 12/28/09 (Lab Number:9L28002-BS1, Batch: 9L28002)											
Zinc		0.200	0.0100	0.0015	mg/L	0.199	99	85-115			
Total Metals by EPA 200 Series Methods											
Blank Analyzed: 12/31/09 (Lab Number:9L28037-BLK1, Batch: 9L28037)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 12/31/09 (Lab Number:9L28037-BS1, Batch: 9L28037)											
Mercury		0.00667	0.0002	0.0001	mg/L	0.00665	100	85-115			

Groundwater & Env Svcs Inc - Cheektowaga, NY
158 Sonwil Drive
Cheektowaga, NY 14225

Work Order: RSL0978

Project: BRISTOL-MYERS MONTHLY
Project Number: GROUNDEN

Received: 12/23/09
Reported: 01/07/10 11:28

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
General Chemistry Parameters											
Blank Analyzed: 01/04/10 (Lab Number:10A0002-BLK1, Batch: 10A0002)											
Total Cyanide			0.0100	0.0050	mg/L	ND					
LCS Analyzed: 01/04/10 (Lab Number:10A0002-BS1, Batch: 10A0002)											
Total Cyanide		0.400	0.0200	0.0050	mg/L	0.371	93	90-110			
General Chemistry Parameters											
LCS Analyzed: 12/24/09 (Lab Number:9L24028-BS1, Batch: 9L24028)											
pH		7.00	NA	0.00	SU	7.00	100	99.3-100.8			

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: 12-22-09	COC No:
Groundwater & Environmental Services, Inc.	Tel/Fax: 484-325-0280	Lab Contact:	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	TAT if different from Below			
Fax 716-706-0078	☐ 2 WEEKS			SDG No.
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.	pH,624,625,T-Cn,T-Hg,T-Zn	Sample Specific Notes:
001	12-22-09	0830	Grab	Aqueous	3	X	Composit all one liter glass at lab and preserve appropriately.
001	12-22-09	1030	Grab	Aqueous	3	X	VOA vials are to be composited at lab.
001	12-22-09	1230	Grab	Aqueous	3	X	12 total (4 - 3 liter Unpreserved Amber Glass & 8 40 ml HCL preserved VOA's)
001	12-22-09	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:
Brent Miller	GES	12-22-09/1500	Cliff Nye	BUFFALO	12-23-09 09:15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

APPENDIX E-1
Historical Treatment System Analytical Data

Appendix E-1

Historical Treatment System Analytical Data

Sampling Parameter	pH	Total Mercury	Total Zinc	Total Cyanide	Total VOCs	Total SVOCs	Total Daily Flow
Daily Maximum Limit	**5.0-12.0**	**3.E-05 lbs**	**0.75 lbs**	**0.2 lbs**	**0.01 mg/L**	**0.01 mg/L**	**3,600 gallons**
6/15/2005	6.6	ND	ND	1.6E-03			927
7/13/2005	6.9	ND	ND	5.0E-04	ND	ND	216
8/11/2005	7.1	ND	ND	6.0E-04	ND	0.007	234
9/12/2005	7.6	ND	ND	7.0E-04	ND	ND	344
10/12/2005	7.5	ND	ND	9.0E-04	ND	0.002	449
11/2/2005	7.2	ND	ND	6.0E-04	ND	ND	462
12/13/2005	7.4	ND	ND	1.0E-03	ND	0.003	705
1/10/2006	7.6	1.4E-06	1.4E-04	1.2E-03	ND	ND	869
2/2/2006	7.8	1.8E-06	1.8E-04	1.1E-03	ND	ND	1,065
3/2/2006	7.6	7.7E-07	3.9E-05	8.9E-04	ND	0.002	463
4/6/2006	7.4	7.4E-07	3.7E-05	1.0E-03	ND	ND	446
5/9/2006	7.4	4.5E-07	2.5E-05	8.1E-04	ND	ND	269
6/14/2006	7.0	4.7E-07	2.3E-05	7.2E-04	ND	0.001	280
7/19/2006	7.2	6.4E-07	3.2E-05	7.4E-04	**0.210**	**0.105**	386
8/11/2006	7.4	5.1E-07	2.6E-05	6.4E-04	ND	0.0006	309
9/13/2006	7.4	5.1E-07	2.6E-05	2.6E-05	ND	ND	309
10/6/2006	7.5	1.5E-06	7.4E-05	1.5E-03	ND	**0.017**	883
11/14/2006	7.5	5.8E-07	2.9E-05	8.9E-04	ND	0.0004	346
12/1/2006	7.5	6.5E-07	3.2E-05	3.6E-04	ND	0.0008	388
1/22/2007	7.4	1.1E-06	5.3E-05	6.9E-04	ND	ND	636
2/5/2007	7.7	9.2E-07	4.6E-05	1.6E-03	ND	0.0004	551
3/8/2007	7.7	7.6E-07	3.8E-05	9.4E-04	ND	0.0008	454
4/12/2007	7.5	7.9E-07	4.0E-05	1.0E-03	ND	0.001	476
5/31/2007	7.5	4.2E-07	2.1E-05	6.8E-04	ND	0.0001	254
6/12/2007	7.2	5.2E-07	2.6E-05	8.3E-04	ND	0.0005	313
7/3/2007	7.5	3.1E-07	1.5E-05	5.2E-04	ND	0.0021	185
8/1/2007	7.7	5.4E-07	2.7E-05	9.5E-04	ND	ND	326
9/12/2007	7.6	2.8E-07	1.4E-05	1.4E-05	ND	0.0001	167
10/17/2007	7.6	5.0E-07	2.5E-05	5.0E-04	ND	0.0016	302
11/19/2007	7.6	4.8E-07	2.4E-05	5.9E-04	ND	ND	285
12/7/2007	7.4	1.5E-06	7.4E-05	1.8E-03	ND	0.0004	893

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**
1/3/2008	7.1	1.2E-06	6.1E-05	1.7E-03	ND	0.007	735
2/14/2008	7.7	1.3E-06	6.3E-05	1.4E-03	ND	0.0001	754
3/12/2008	7.8	7.2E-07	3.6E-05	1.4E-03	ND	0.0004	434
4/11/2008	7.7	8.9E-07	4.4E-05	1.6E-03	ND	0.0006	534
5/8/2008	7.7	5.5E-07	2.8E-05	7.5E-04	ND	0.001	333
6/12/2008	7.6	5.8E-07	2.9E-05	3.5E-04	ND	0.005	351
7/31/2008	7.3	6.5E-07	3.3E-05	9.5E-04	ND	**0.016**	392
8/27/2008	7.6	5.5E-07	2.8E-05	7.7E-04	ND	0.009	332
9/24/2008	7.5	6.6E-07	3.3E-05	1.2E-03	ND	0.0004	397
10/17/2008	7.5	3.5E-07	1.8E-05	2.3E-04	ND	ND	212
11/24/2008	7.1	5.6E-07	2.8E-05	6.7E-04	ND	ND	334
12/19/2009	7.6	1.0E-06	5.1E-05	9.8E-04	ND	0.0009	618
1/8/2009	7.6	2.1E-06	1.1E-04	1.7E-03	0.007	0.003	1,285
2/23/2009	7.8	6.6E-07	4.9E-05	1.9E-04	ND	ND	395
3/18/2009	7.3	1.3E-06	6.7E-05	8.3E-04	0.001	ND	808
4/1/2009	7.6	6.5E-07	3.2E-05	4.6E-04	ND	ND	389
5/5/2009	7.6	7.4E-08	3.0E-06	3.9E-05	ND	0.001	44
6/1/2009	7.8	4.4E-07	5.5E-06	4.8E-04	ND	ND	263
7/21/2009	7.8	5.7E-07	2.8E-05	5.3E-04	ND	ND	341
8/6/2009	7.7	8.4E-07	3.2E-05	2.2E-04	ND	ND	505
9/2/2009	7.9	4.3E-07	3.3E-06	2.6E-04	ND	ND	261
10/2/2009	7.4	1.6E-06	3.0E-05	1.3E-03	ND	0.001	984
11/6/2009	7.57	9.2E-07	4.6E-05	7.8E-04	ND	ND	550
12/22/2009	7.77	1.4E-06	1.9E-05	1.2E-03	ND	0.0006	829

Notes:

Daily maximum discharge limit per Buffalo Sewer Permit requirements

BOLD values indicate concentration exceeds discharge limit

APPENDIX E-2
Treatment System Discharge Permit

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NO. 09-05-BU174
EPA CATEGORY 40 CFR 403

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

BRISTOL-MYERS SQUIBB COMPANY, INC.

to discharge **treated groundwater** from a facility located at:

West Extension Building - 6A - 100 Forest Avenue - Buffalo New York 14213

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **June 5, 2009** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this 1st day of July, 2009

To Expire the 30th day of June, 2012

General Manager

Signed this 24th **day of** June **, 2009**

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall (see attached map) shall be limited and monitored **monthly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements		
		Daily Max.	M.A.I.D.[1]	Period	Type	Frequency
001	pH	5.0-12.0 S.U.		One Day	Composite[2]	Monthly
	Total Mercury	0.00003 lbs.	7.0 mg/L	One Day	Composite[2]	Monthly
	Total Zinc	0.75 lbs.	25.0 mg/L	One Day	Composite[2]	Monthly
	Total Cyanide	0.2 lbs.	66.0 mg/L	One Day	Grab[4]	Monthly
	EPA Test Procedure 624	(3)		One Day	Grab[4]	Monthly
	EPA Test Procedure 625	(3)		One Day	Composite	Monthly
	Total Flow	3,600 gallons		Continuous Flow Meter[5]		Daily

(1) Maximum Allowable Instantaneous Discharge (Slug Discharge Limit).

(2) Composite may be time weighted or flow weighted.

(3) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by this test procedure, which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the BSA, be specifically limited and incorporated into the permit.

(4) A minimum of 4 grab samples must be collected at equally spaced intervals throughout the discharge day. The grab samples must be composited by a NYSDOH certified laboratory.

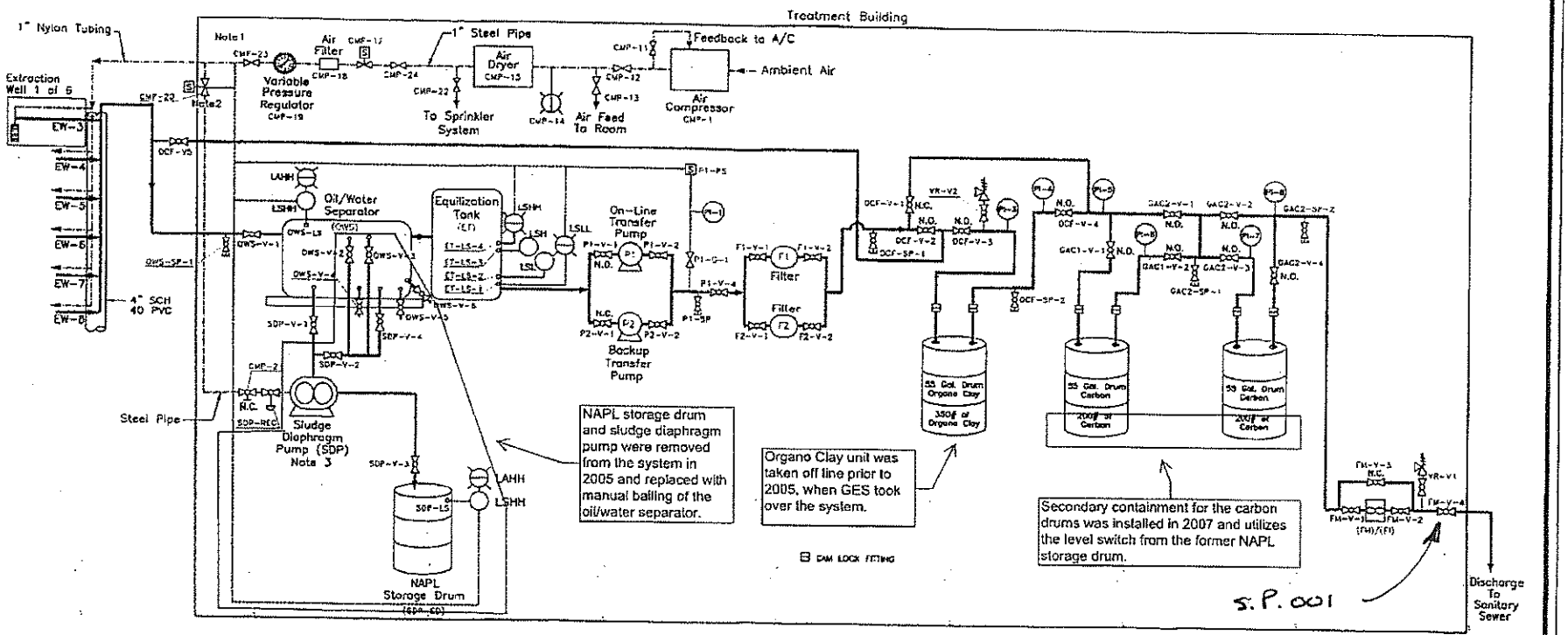
(5) The Master Meter flow meter must be calibrated and certified by a certified Master Meter representative. This certification must be submitted annually with the December quarterly monitoring report.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, monthly discharge monitoring results shall be summarized quarterly and reported by the permittee **quarterly** on the days specified below:

Sample Point	**Parameter**	**Reporting Requirements**	
		Initial Report	**Subsequent Reports**
001	All Parameters	September 30, 2009	December 31, March 31, June 30, and September 30 of each year of permit



NOTES:

1. Solenoid valve is activated to the off position under ony of the following conditions:
   (a) LSHH at the oil-water separator is activated;
   (b) LSHH at equilization tank is activated;
   (c) P1-PS high pump discharge pressure switch is activated.
2. Solenoid valve is activated to the off position where LSHH at NAPL storage drum is activated.
3. Double diaphragm pump is manually operated.

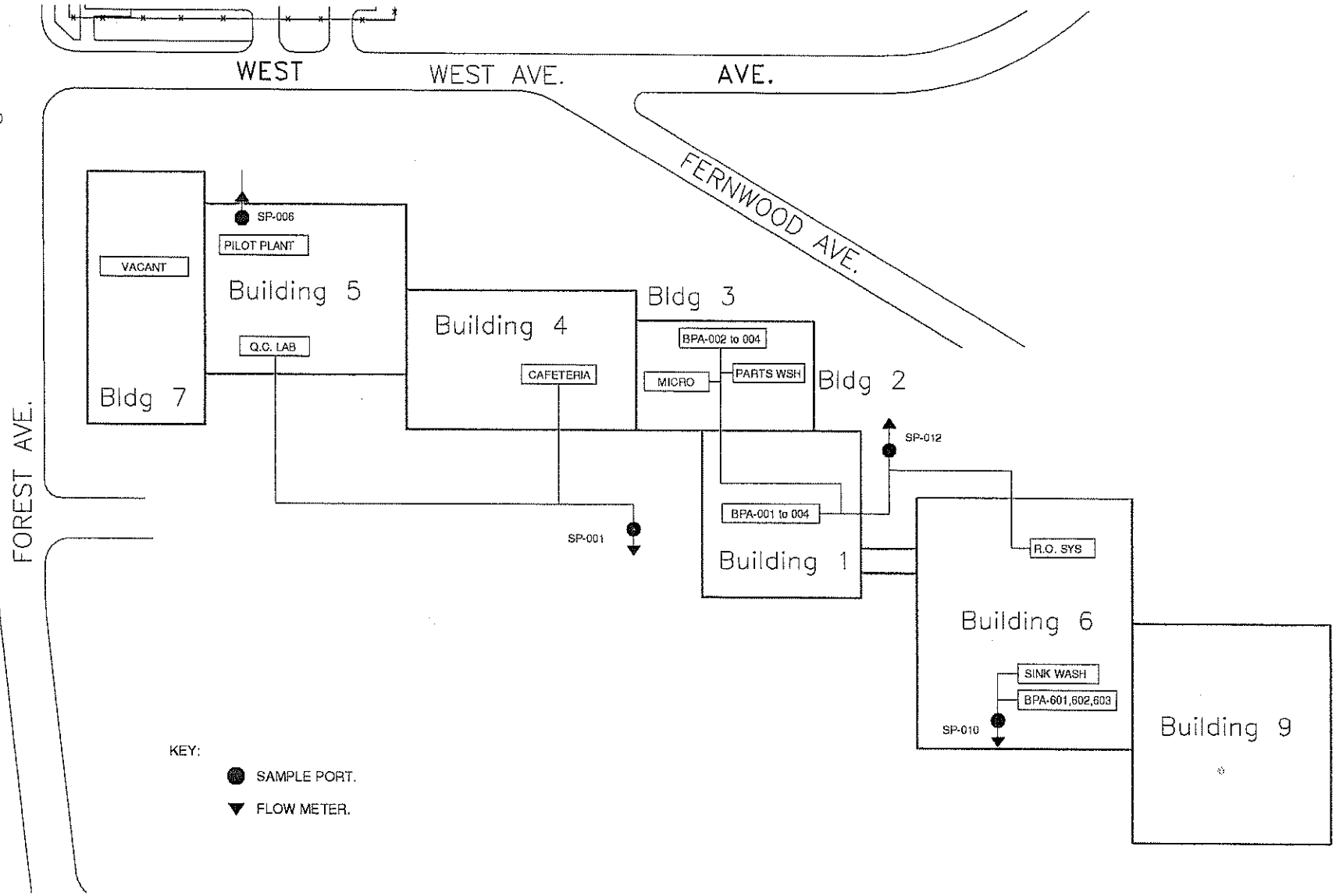
TITLE: PROCESS FLOW DIAGRAM WITH INSTRUMENTATION AND CONTROL LOOPS

LOCATION: IG/WP Site - Buffalo, NY

GeoTrans, Inc.

CHECKED	HLH
DRAFTED	CMP
FILE	3852011002A.DWG
DATE	9-1-04

FIGURE: 3.1



NUMBER	DESCRIPTION
REF. DWGS.	

LETT.	ALTERATION	BY	DATE	CH'K'D.	APV'D.

CPL

TITLE: 'CPL' WASTEWATER FLOW SCHEMATIC

SCALE				
NONE	DRAWN	HL	9/10/08	SITE-2-A-WASTEWATER-FLOW-SCHEM
	CH'K'D.			
	APV'D.			

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge.

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

a. a description of the discharge and cause of noncompliance and;

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

5. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

7. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

8. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

   (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

   (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

   (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

9. Treatment Bypasses

a. A bypass of the treatment system is prohibited unless the following conditions are met:

(i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or

(ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and

(iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.

b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.

c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

a. Violation of any terms or conditions of this permit,

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to $10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

APPENDIX F
Institutional and Engineering Controls Certification Form

Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 915141A

Site Name Iroquois Gas/Westwood Pharm. Terrestrial

Site Address: Dart Street Zip Code: ~~13213~~ 14213
City/Town: Buffalo
County: Erie
Allowable Use(s) (if applicable, does not address local zoning): Industrial
Site Acreage: 8.8
Owner: ~~Westwood-Squibb Pharmaceuticals, Inc.~~ BRISTOL-MYERS SQUIBB COMPANY
100 Forest Avenue, Buffalo, NY 14213 6000 Thompson Road
East Syracuse, New York 13057-5050

Reporting Period: ~~June 18, 2007 to May 03, 2009~~ July 1, 2009 to December 31, 2009

Verification of Site Details **Box 2**

	YES	NO	
1. Is the information in Box 1 correct?	☐	■	
If NO, are changes handwritten above or included on a separate sheet?	■		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	■	
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	☐		
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	■	☐	
If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification? See Attachment A →	■		
4. If use of the site is restricted, is the current use of the site consistent with those restrictions?	■	☐	
If NO, is an explanation included with this certification?	☐		
5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐	NA
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	☐		
6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	☐	☐	NA
If NO, are changes in the assessment included with this certification?	☐		

SITE NO. 915141A **Box 3**

Description of Institutional Controls

Parcel	Institutional Control
S_B_L Image: **88.50-1-5.2**	Landuse Restriction
S_B_L Image: **88.50-1-5.1**	Landuse Restriction

Box 4

Description of Engineering Controls

Parcel	Engineering Control
S_B_L Image: **88.50-1-5.2**	Cover System Fencing/Access Control Groundwater Containment Pump & Treat Subsurface Barriers
S_B_L Image: **88.50-1-5.1**	Cover System Fencing/Access Control Groundwater Containment Pump & Treat Subsurface Barriers

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable. (See instructions)

Control Description for Site No. 915141A

Parcel: 88.50-1-5.1

Pursuant to a 1994 Record of Decision, a Consent Decree filed in CIV-90-1324C, and in the Declaration of Covenants and Restrictions recorded with Erie County on August 21, 1995, the controls identified include: the property cannot be used for purposes other than industrial operations; engineering controls consisting of a groundwater containment system, a vertical impermeable barrier, fencing and access control, extraction wells and a treatment system for groundwater and NAPL.

These restrictive covenants are binding and shall run with the land.

Parcel: 88.50-1-5.2

Pursuant to a 1994 Record of Decision, a Consent Decree filed in CIV-90-1324C, and in the Declaration of Covenants and Restrictions recorded with Erie County on August 21, 1995, the controls identified include: a clay cap over the contaminated area, an impermeable sheet piling barrier wall for hydraulic gradient control, extraction wells and a treatment system for contaminated groundwater and NAPL, a groundwater containment system, long-term monitoring, land use restrictions, and fencing and access control.

These restrictive covenants are binding and shall run with the land.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
■	□

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
■	□

3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

   I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES	NO
■	□

4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

   I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES	NO
■	□

IC CERTIFICATIONS
SITE NO. 915141A

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Douglas A. Morrison at 6000 Thompson Road, East Syracuse, NY 13057,
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner or Remedial Party Rendering Certification — Date: 2/4/10

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald H. Cresap Jr. at 364 Littleton Rd, Westford, MA 01886
print name print business address

am certifying as a Qualified Environmental Professional for the Remedial Party

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.

STATE OF NEW YORK
GERALD H. CRESAP, JR.
087401
LICENSED PROFESSIONAL ENGINEER

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification — Stamp (If Required) — Date: 2/5/2010

Attachment A

Copy of Buffalo Sewer Discharge Permit
(Renewal: July 1, 2009 – June 30, 2012)

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NO. 09-05-BU174
EPA CATEGORY 40 CFR 403

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority, authorization is hereby granted to:

BRISTOL-MYERS SQUIBB COMPANY, INC.

to discharge **treated groundwater** from a facility located at:

West Extension Building - 6A - 100 Forest Avenue - Buffalo New York 14213

to the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **June 5, 2009** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

Effective this 1st day of July, 2009

To Expire the 30th day of June, 2012

General Manager

Signed this 24th **day of** June **, 2009**

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this Permit and lasting until the expiration date, discharge from the permitted facility outfall (see attached map) shall be limited and monitored **monthly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations		Sampling Requirements		
		Daily Max.	M.A.I.D.[1]	Period	Type	Frequency
001	pH	5.0-12.0 S.U.		One Day	Composite[2]	Monthly
	Total Mercury	0.00003 lbs.	7.0 mg/L	One Day	Composite[2]	Monthly
	Total Zinc	0.75 lbs.	25.0 mg/L	One Day	Composite[2]	Monthly
	Total Cyanide	0.2 lbs.	66.0 mg/L	One Day	Grab[4]	Monthly
	EPA Test Procedure 624	(3)		One Day	Grab[4]	Monthly
	EPA Test Procedure 625	(3)		One Day	Composite	Monthly
	Total Flow	3,600 gallons		Continuous Flow Meter[5]		Daily

(1) Maximum Allowable Instantaneous Discharge (Slug Discharge Limit).

(2) Composite may be time weighted or flow weighted.

(3) The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by this test procedure, which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the BSA, be specifically limited and incorporated into the permit.

(4) A minimum of 4 grab samples must be collected at equally spaced intervals throughout the discharge day. The grab samples must be composited by a NYSDOH certified laboratory.

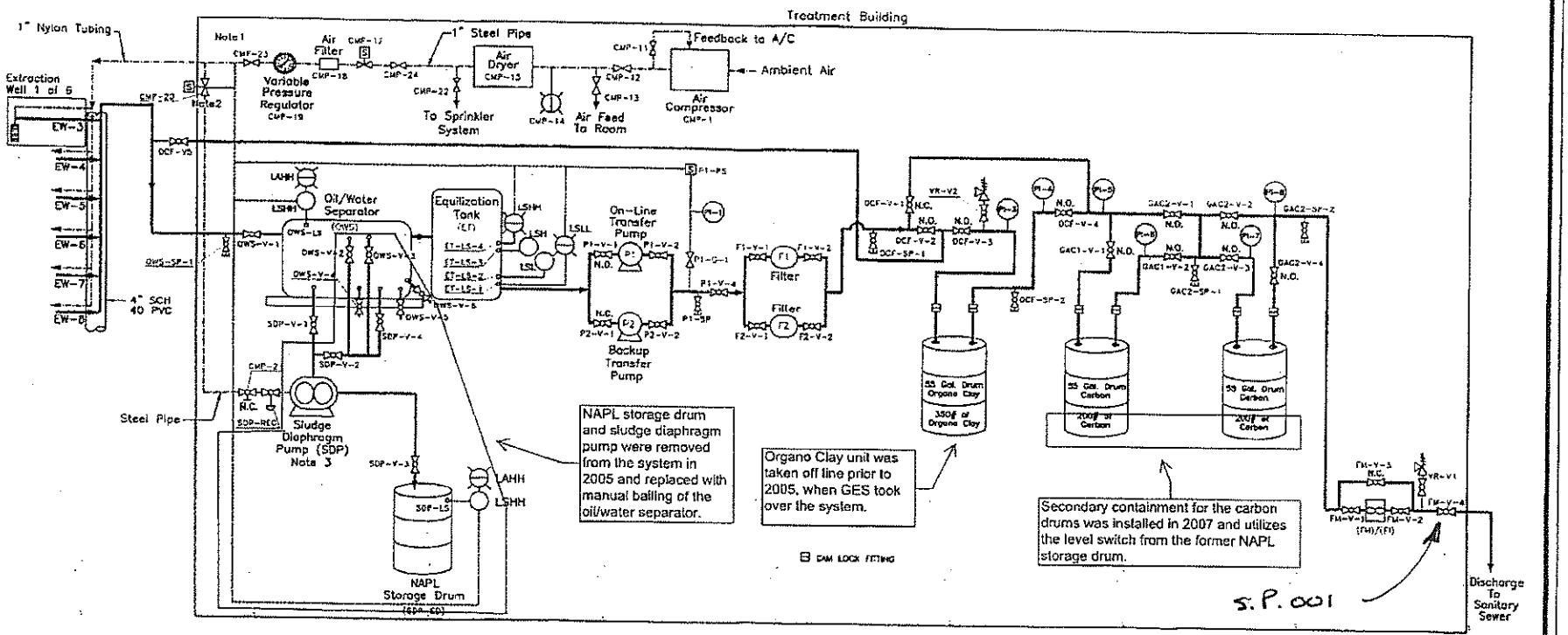
(5) The Master Meter flow meter must be calibrated and certified by a certified Master Meter representative. This certification must be submitted annually with the December quarterly monitoring report.

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, monthly discharge monitoring results shall be summarized quarterly and reported by the permittee **quarterly** on the days specified below:

Sample Point	**Parameter**	**Reporting Requirements**	
		Initial Report	**Subsequent Reports**
001	All Parameters	September 30, 2009	December 31, March 31, June 30, and September 30 of each year of permit



NOTES:

1. Solenoid valve is activated to the off position under ony of the following conditions:
   (a) LSHH at the oil-water separator is activated;
   (b) LSHH at equilization tank is activated;
   (c) P1-PS high pump discharge pressure switch is activated.
2. Solenoid valve is activated to the off position where LSHH at NAPL storage drum is activated.
3. Double diaphragm pump is manually operated.

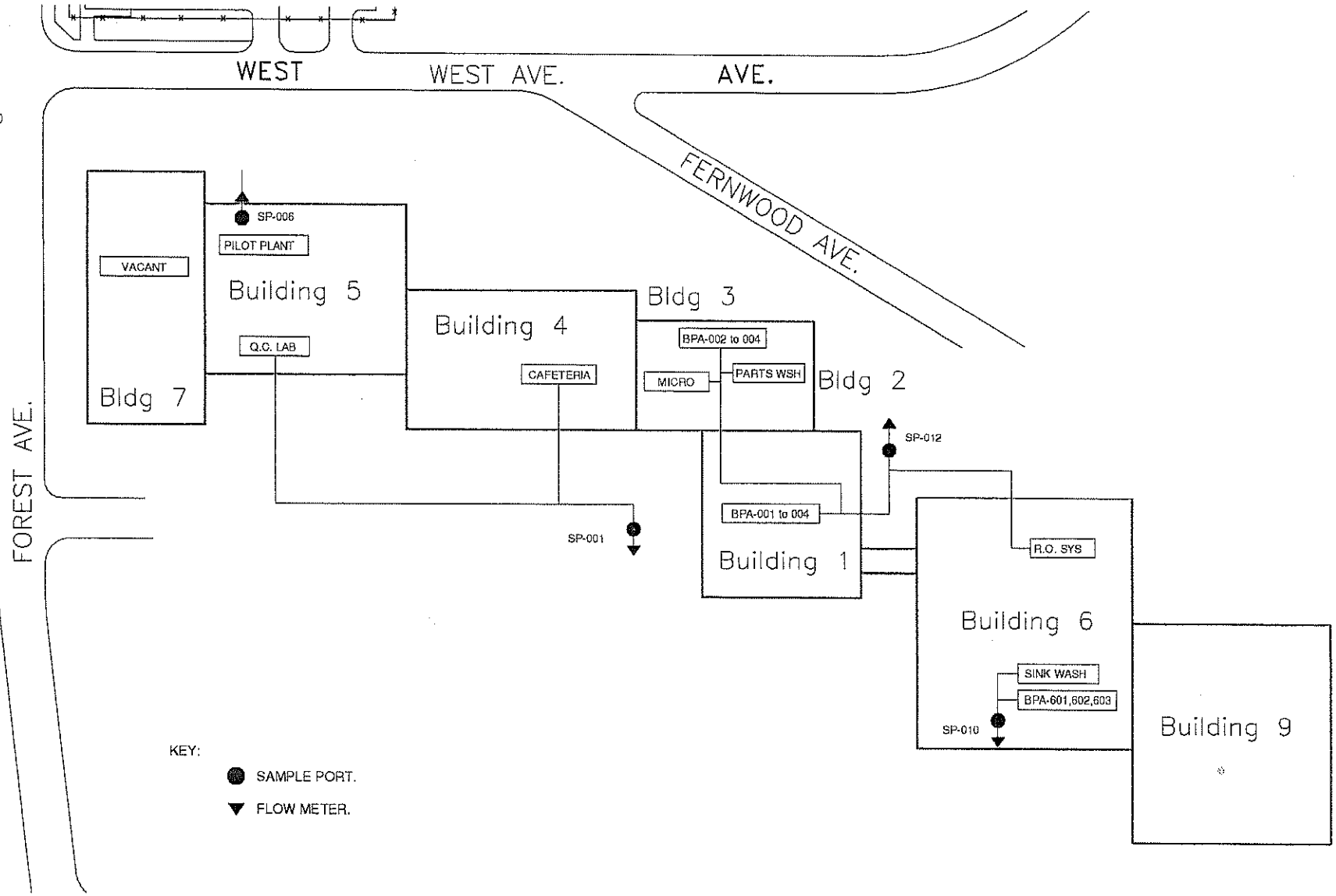
TITLE: PROCESS FLOW DIAGRAM WITH INSTRUMENTATION AND CONTROL LOOPS

LOCATION: IG/WP Site - Buffalo, NY

GeoTrans, Inc.

CHECKED	HLH
DRAFTED	CMP
FILE	3852011002A.DWG
DATE	9-1-04

FIGURE: 3.1



NUMBER	DESCRIPTION
REF. DWGS.	

LETT.	ALTERATION	BY	DATE	CH'K'D.	APV'D.

CPL

TITLE: 'CPL' WASTEWATER FLOW SCHEMATIC

SCALE				
NONE	DRAWN	HL	9/10/08	SITE-2-A-WASTEWATER-FLOW-SCHEM
	CH'K'D.			
	APV'D.			

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes for the Clean Water Act.

2. Definitions

Definitions of terms contained in this permit are as defined in the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet".

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet".

5. Additional Monitoring by Permittee

If the permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

Industrial Waste Section
Buffalo Sewer Authority Treatment Plant
90 West Ferry Street
Buffalo, New York 14213

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet". These reporting requirements shall not relieve the permittee of any other reports, which may be required by the N.Y.S.D.E.C. or the U.S.E.P.A.

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the BPDES permit application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new BPDES Permit application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge.

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager.

3. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the permittee or their assigns must verbally notify the Industrial Waste Section at 883-1820 within twenty-four (24) hours of becoming aware of the violation. The permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

a. a description of the discharge and cause of noncompliance and;

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

5. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo Sewer System.

7. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

8. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

   (i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

   (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

   (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

9. Treatment Bypasses

a. A bypass of the treatment system is prohibited unless the following conditions are met:

(i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or

(ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and

(iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.

b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.

c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The permittee shall allow the General Manager of the Buffalo Sewer Authority and/or his authorized representatives, upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

a. Violation of any terms or conditions of this permit,

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the permittee from any requirements, liabilities, or penalties under provisions of the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to $10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the permittee is required to notify the Industrial Waste Section in writing as soon as an anticipated closure date is determined, but in no case later than five days of the actual closure.

G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

APPENDIX G
Copy of September 2009 Hazardous Waste Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 722510355 9C PPW 4/24/2009 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD049391[illegible]
2. Page 1 of: 2
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 002608765 FLE

RECEIVED OCT 13 2009 GES

5. Generator's Name and Mailing Address
BMS/Westwood Squibb
158 Sonwil Drive
Cheektowaga, NY 14225
Generator's Phone: (716) 706-0026 ATTN: Christine Andrus Jacik

Generator's Site Address (if different than mailing address)
100 Forest Avenue
Buffalo, NY 14213

6. Transporter 1 Company Name
Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name
Frontier Vacuum Truck Service Inc
U.S. EPA ID Number: NYD982792814

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)	001	DM	00140	P	D018		B
X	2. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)	002	DM	00800	P	D018		B
X	3. RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (BENZENE, NAPHTHALENE), 9, PG III (D018)	002	DM	00850	P	D018	F003	B
	4.							

14. Special Handling Instructions and Additional Information
1.50004941-3 ERG#171
2.595696 ERG#171
3.595760 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 09 Day 30 Year 09

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 Ricci
Signature:
Month 09 Day 30 Year 09
Transporter 2 Printed/Typed Name: Robert Saunderson
Signature:
Month 10 Day 01 Year 09

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. H040 2. H040 3. H040 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible]
Signature:
Month 10 Day 01 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

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: NYD048391080

22. Page 2 of 2

23. Manifest Tracking Number: 002608765 FLE

24. Generator's Name: BMS / Westwood Squibb

25. Transporter 3 Company Name: Clean Harbors Env. Services Inc. U.S. EPA ID Number: MAD039322250

26. Transporter _____ Company Name: U.S. EPA ID Number:

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: J. L. Williamson (Agent for CHES) Signature: J. L. Williamson Month: 10 Day: 6 Year: 09

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)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR