



**Groundwater  
& Environmental Services, Inc.**

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158 Sonwil Drive, Cheektowaga, New York 14225 • TEL (716) 706-0074 • FAX (716) 706-0078

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March 16, 2009

Mr. Glenn M. May, CPG Project Manager  
New York State Department of Environmental Conservation  
270 Michigan Avenue  
Buffalo, New York 14203-2999

*Submitted to the above address and via email as PDF format to: gmmay@gw.dec.state.ny.us*

RE: Iroquois Gas/Westwood Pharmaceuticals Site  
100 Forest Avenue, Buffalo, New York 14213  
Site No. 9-15-141  
Remediation System Quarterly Report  
4<sup>th</sup> Quarter 2008 and 2<sup>nd</sup> Semi-Annual Reports  
Site #915141

Dear Mr. May:

On behalf of Bristol-Myers Squibb Company, Groundwater & Environmental Services (GES) is pleased to submit the following report. It covers the Groundwater Remediation Activities and Cap Maintenance and the Second Semi-Annual Water Quality Assessment and Inspection for 2008 conducted at the subject location from October 8, 2008 through December 30, 2008.

Based on the enclosed data and site measurements, the performance of the Pump and Treat System is in accordance with the requirements of the Record of Decision (ROD) from March 1994.

If you have any questions, please feel free to contact the undersigned at 716-706-0074.

Thank you.

Regards,

Andrew Janik  
Project Manager

cc: 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

Attachments: (1) Pump and Treat System Performance Record  
(2) Piezometer, Extraction and Monitoring Well Water Levels 2007-2008 Graph  
(3) Quarterly Collection of NAPL Graph  
(4) Quarterly Data Table  
(5) Site Map  
(6) Quarterly Cap Inspection Report  
(7) Monthly Laboratory Analytical Results  
(8) Semi-Annual Groundwater Analysis Summary Graphs  
(9) Semi-Annual Laboratory Analytical Results



## **ATTACHMENT 1 - PUMP & TREAT SYSTEM PERFORMANCE RECORD**

The following is a list of activities and results of the Westwood Squibb Pump & Treat System from October 8, 2008 through December 30, 2008.

- For the quarter, approximately 37,220 gallons of fluid have been pumped through the system from all six treatment wells [EW-3 to EW-8], treated through particle filters and liquid phase carbon vessels and discharged to the Buffalo Sewer Authority under a permitted discharge.
- The treatment system operated at 100% uptime during the reporting period with no equipment failures or unplanned outages. No system operational alarms occurred during the reporting period. No changes were made to the treatment system during the reporting period.
- There were no product sheens or visual indicators of NAPL in the Scajaquada Creek.
- Approximately 8-gallons of NAPL has been collected during the reporting period from the 37,220 gallons of fluid treated and processed. Last year during the same reporting time period, 15-gallons was created though the flow was approximately equal. This reduction will be tracked closely over the next several quarters to determine if this is due to seasonal water table fluctuations or a reduction of contaminant mass in the subsurface. The NAPL is transferred to a waste drum and transported and disposed of as hazardous waste twice annually.
- A cap inspection occurred on November 19, 2008 and no deficiencies were noted. Minor weed growth noted during the previous inspection was removed. The cap integrity appears to be maintained and generally free of any cracks, divots or breaks that would otherwise compromise its effectiveness.

### **Maintenance on the system included:**

On an approximately weekly schedule during the reporting period, the following tasks are performed:

1. Review and complete health and safety plan and daily site safety checklist.
2. Record liquid levels at EW-3, EW-4, EW-5, EW-6, EW-7, EW-8, PZ-1, PZ-2, PZ-3, PZ-4, PZ-5, PZ-6 and the Scajaquada Creek.
3. Visually inspect creek and barrier.
4. Inspect pumping wells, vaults and piezometers for proper operation and integrity.
5. Drain collected NAPL from the oil/water separator and transfer to product drum for disposal.

6. Inspect the treatment building, carbon vessels, pipes, valves, fittings and all equipment for proper working operations.
7. Check that the thermostats and heaters are working properly and at the appropriate setpoint.
8. Perform a site walk and visual inspection of the cap, grounds and paved areas.
9. Inspect filtration housings and replace particle filters as necessary. Place spent filters in drum for disposal.
10. Mow lawn (seasonal).
11. Check the status of the air dryer filter and test float operation.
12. Drain air compressor condensate.

On a monthly schedule, the following tasks are performed:

1. Gauge the liquid levels in wells B-6, B-7, B-8, MW-F2, and MW-F4.
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.

On a quarterly schedule, the following tasks are performed:

1. Complete a cap inspection log.
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.

On a semi-annual basis schedule, the following tasks are performed:

1. Perform a 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.

On an annual basis, the following tasks are performed:

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.

An inward hydraulic gradient was maintained from Scajaquada Creek via the six extraction wells to reduce or eliminate the migration of contaminated groundwater and NAPL to the environment. See **Attachment 2** for details. The static water levels in all of the wells and the creek remained relatively consistent during the reporting period. No anomalous levels were recorded and no loss of gradient occurred.

A review of the latest groundwater data shows the following information:

Monitoring Well Identification	Comments
B-3	The current groundwater sample from this well shows Non-Detectable results for benzene, ethylbenzene, m/p-xylenes, o-xylene and toluene. The detection limit for m/p-xylenes is 0.40 ug/L and all other constituents is 0.20 ug/L. These concentrations remain unchanged from the previous round of groundwater samples collected in June 2008. The pH of the water was 8.0 S.U. (increase of 1.1 S.U. since the last sampling event).
B-6	The current groundwater sample from this well shows Non-Detectable results for benzene, ethylbenzene, m/p-xylenes, o-xylene and toluene. The detection limit for m/p-xylenes is 0.40 ug/L and all other constituents is 0.20 ug/L. These concentrations remain unchanged from the previous round of groundwater samples collected in June 2008. The pH of the water was 7.4 S.U. (increase of 0.2 S.U. since the last sampling event).
B-7	The current groundwater sample from this well shows a benzene concentration of 43 ug/L (increase of 38.5 ug/L since the last sampling event), an ethylbenzene concentration of 0.74 ug/L (decrease of 0.3 ug/L since the last sampling event), Non-Detectable results for m/p-xylenes (unchanged from the last sampling event), an o-xylene concentration of 0.27 ug/L (increase of 0.8 ug/L since the last sampling event), a toluene concentration of 0.22 ug/L (increase of 0.03 ug/L since the last sampling event) and a pH of 7.0 S.U. (decrease of 0.1 since the last sampling event).
B-8	The current groundwater sample from this well shows a benzene concentration of 0.79 ug/L (decrease of 4.81 ug/L since the last sampling event), an ethylbenzene concentration of 0.41 ug/L (decrease of 37.59 ug/L since the last sampling event), an m/p-xylenes concentration of 0.22 ug/L (decrease of 3.58 ug/L since the last sampling event), an o-xylene concentration of 0.30 ug/L (decrease of 11.7 ug/L since the last sampling event), a Non-Detectable toluene concentration (decrease of 0.81 ug/L since the last sampling event) and a pH of 7.3 S.U. (unchanged from the last sampling event).

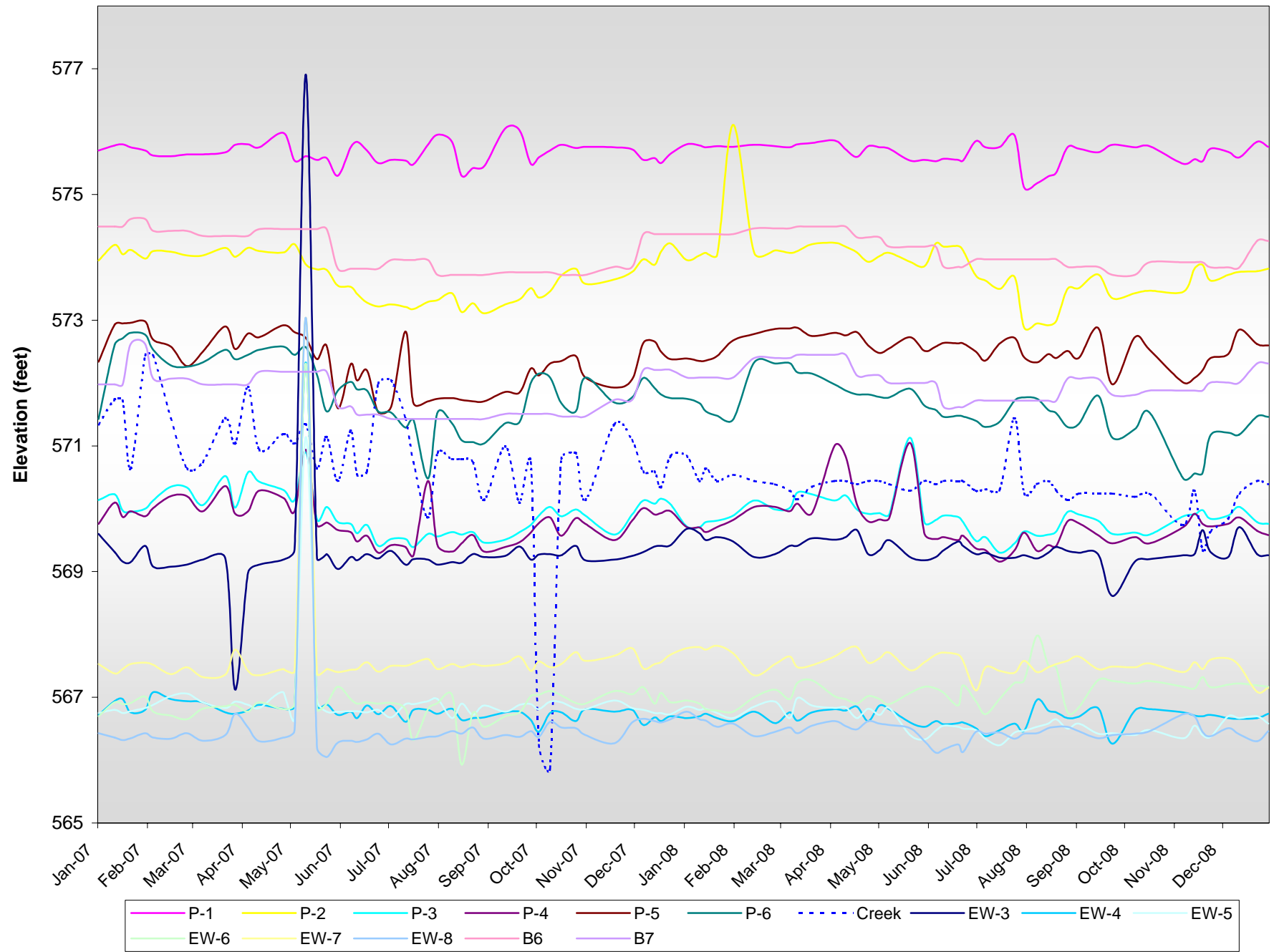
MWF-2	The current groundwater sample from this well shows a benzene concentration of 12 ug/L (decrease of 88 ug/L since the last sampling event), an ethylbenzene concentration of 18 ug/L (decrease of 532 ug/L since the last sampling event), an m/p-xylenes concentration of 200 ug/L (decrease of 320 ug/L since the last sampling event), an o-xylene concentration of 150 ug/L (decrease of 170 ug/L since the last sampling event), a toluene concentration of 5.1 ug/L (decrease of 17.9 ug/L since the last sampling event) and a pH of 6.5 S.U. (increase of 0.1 since the last sampling event).
MWF-3	The current groundwater sample from this well shows a Non-Detectable benzene concentration (unchanged since the last sampling event), an ethylbenzene concentration of 0.24 ug/L (increase of 0.05 ug/L since the last sampling event), an m/p-xylenes concentration of 0.33 ug/L (increase of 0.12 ug/L since the last sampling event), an o-xylene concentration of 0.54 ug/L (decrease of 0.3 ug/L since the last sampling event), a Non-Detectable toluene concentration (unchanged since the last sampling event) and a pH of 7.0 S.U. (increase of 0.4 since the last sampling event).
MWF-4	The current groundwater sample from this well shows a benzene concentration of 31 ug/L (increase of 30.1 ug/L since the last sampling event), an ethylbenzene concentration of 19 ug/L (decrease of 111 ug/L since the last sampling event), an m/p-xylenes concentration of 51 ug/L (increase of 31 ug/L since the last sampling event), an o-xylene concentration of 77 ug/L (increase of 5 ug/L since the last sampling event), a toluene concentration of 2.2 ug/L (decrease of 2.3 ug/L since the last sampling event) and a pH of 7.3 S.U. (decrease of 0.1 S.U. from the last sampling event).
PS-1	The current groundwater sample from this well shows Non-Detectable results for benzene, ethylbenzene, m/p-xylenes, o-xylene and toluene. The detection limit for m/p-xylenes is 0.40 ug/L and all other constituents is 0.20 ug/L. These concentrations remain unchanged from the previous round of groundwater samples collected in June 2008. The pH of the water was 7.1 S.U. (increase of 0.1 S.U. since the last sampling event).

Based on the enclosed data and site measurements, the performance of the Pump and Treat System is in accordance with the requirements of the Record of Decision [ROD].

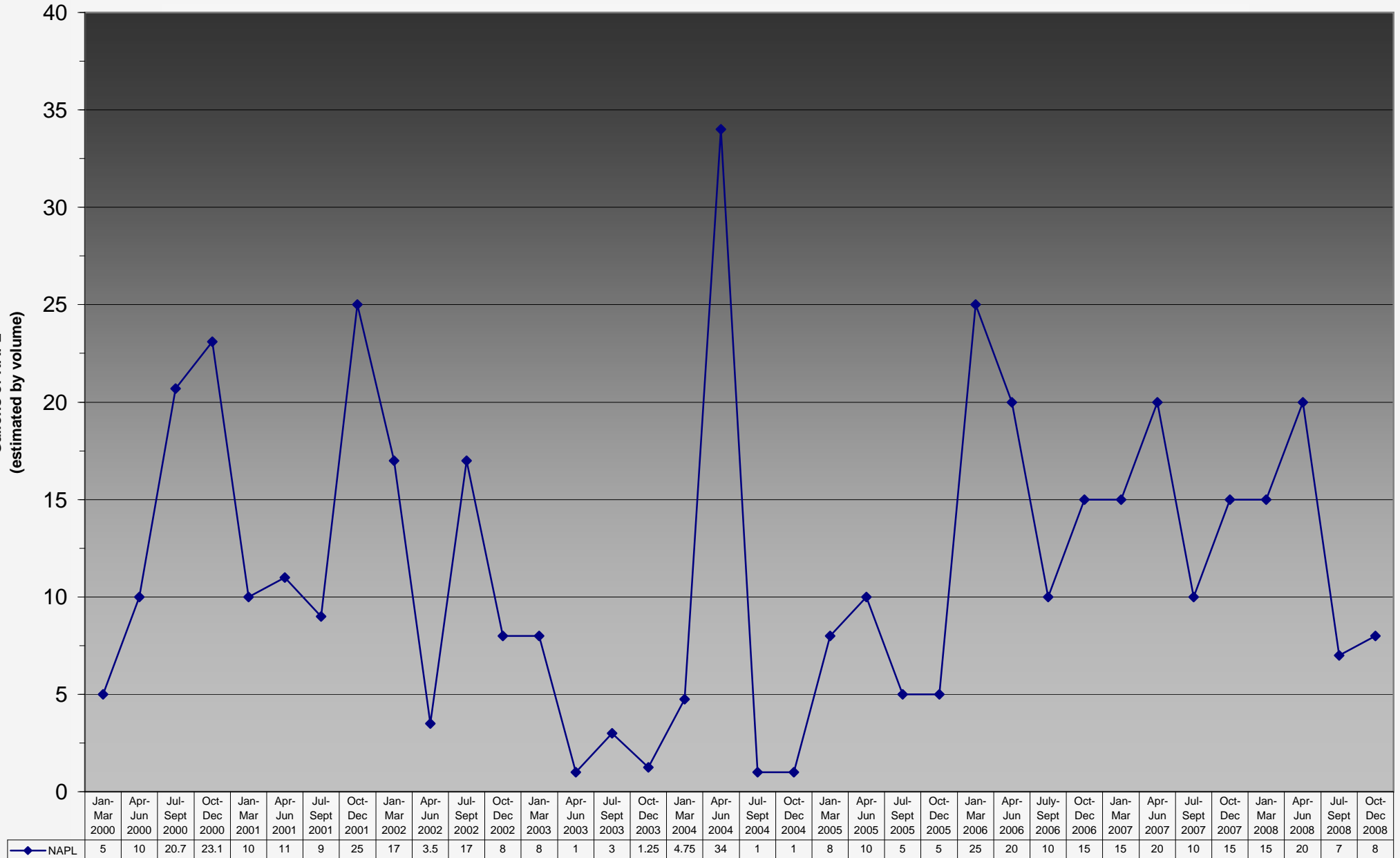
#### Future recommendations:

1. Continue to operate the treatment system as is.

Attachment 2 - Piezometer, Extraction and Monitoring Well Water Levels 2007 - 2008



## Attachment 3 - Quarterly Collection of NAPL



Quarterly Timeframe

# ATTACHMENT 4 - QUARTERLY DATA TABLE 2008

Westwood-Squibb Pharmaceuticals Inc., 100 Forest Avenue, Buffalo, New York 14213

Sampling Parameter	Daily Maximum Limit per BSA Permit	8-Oct	17-Oct	7-Nov	14-Nov	19-Nov	24-Nov	5-Dec	12-Dec	19-Dec	23-Dec	30-Dec
pH	5.0-12.0	NS	7.5	NS	NS	NS	7.1	NS	NS	7.6	NS	NS
Total Mercury	0.00003 lbs	NS	0.0000002	NS	NS	NS	0.0000003	NS	NS	0.0000005	NS	NS
Total Zinc	0.75 lbs	NS	0.00001	NS	NS	NS	0.00001	NS	NS	0.00002	NS	NS
Total Cyanide	0.2 lbs	NS	0.00010	NS	NS	NS	0.00030	NS	NS	0.00044	NS	NS
Total Daily Flow	3,600 gallons	195	212	350	535	595	334	430	624	618	725	464

## Legend:

NS - Not Sampled.

## Notes:

10/18 - Performed weekly O&M and gauge.

10/17 - Performed weekly and monthly O&M and gauge. Performed monthly BSA sampling.

11/7 - Performed weekly O&M and gauge.

11/14 - Performed weekly O&M and gauge. Performed fall cleanup of site.

11/19 - Performed weekly and quarterly O&M and gauge. Conducted quarterly cap inspection.

11/24 - Performed weekly, monthly and quarterly O&M and gauge. Performed semi-annually and BSA sampling.

12/5 - Performed weekly O&M and gauge. Cleaned level switches in EQ Tank. Drained 1 gallon NAPL from OWS. Clean up trash from CAP. The inspection of fire extinguishers and eye wash.

12/12 - Performed weekly O&M and gauge.

12/19 - Performed weekly O&M and gauge. Performed monthly BSA sampling. Drained 1 gallon NAPL from OWS.

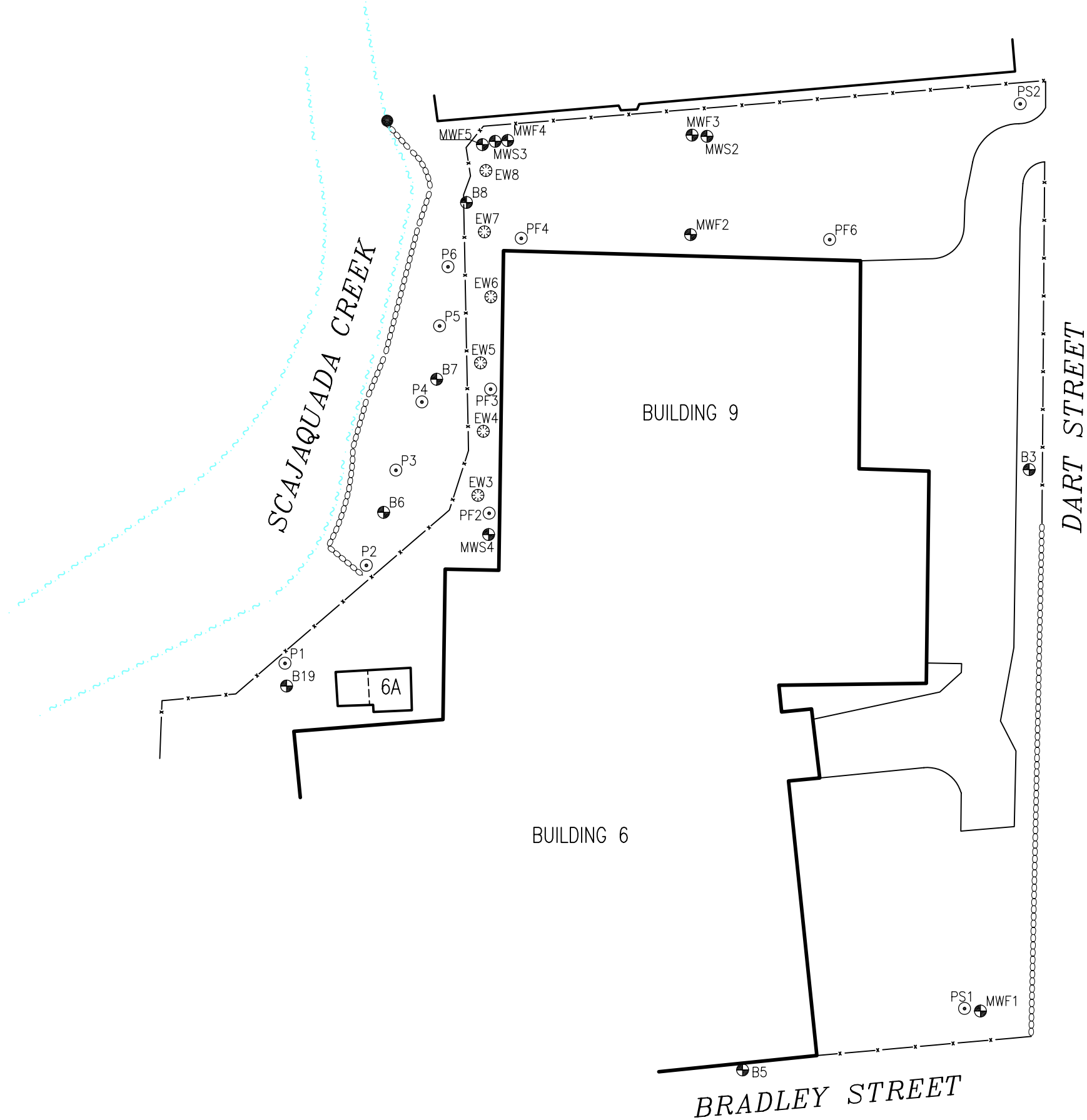
12/23 - Performed weekly and monthly O&M and gauge. Drained 1 gallon NAPL from OWS.

12/30 - Performed weekly O&M and gauge. Quarterly sprinkler system inspection. Changed Harmsco filter. Performed cleanup and painted building floor of site.



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 02 - 01 - 09	FIGURE 5

## ATTACHMENT 6 QUARTERLY CAP INSPECTION

DUTY	DATE/INITIAL	DATE/INITIAL	DATE/INITIAL	DATE/INITIAL
Inspect clay barrier for cracks and surface channeling	—	04/18/08 BM	08/27/08 BM	11/19/08 BM
Repair, regrade and/or reseal any surface cracks or imperfections	—	04/18/08 BM	08/27/08 BM	11/19/08 BM
Inspect asphalt for physical/chemical weathering, cracks, imperfections	—	04/18/08 BM	08/27/08 BM	11/19/08 BM
Identify and penetration into the surface by animals and roots.	—	04/18/08 BM	08/27/08 BM	11/19/08 BM
Note any differential settling of cap layers.	—	04/18/08 BM	08/27/08 BM	11/19/08 BM

Notes:

**First Quarter:** Did not due a inspection due to inclement weather.

**Second Quarter:** Need to have asphalt cracks sealed in parking lot.

**Third Quarter:** Parking lot cracks were sealed on 8/27/08; some weeds in road way, bambo growing along fence on north side of site.

**Fourth Quarter:** Weeds were removed. Cap integrity appears intact and competent.



## ANALYTICAL REPORT

Job#: A08-D132Project#: NY5A9483Site Name: Bristol Myers Monthly Discharge

Task: GES - Bristol Myers Monthly Discharge

Mr. Chris Schifferli  
GES  
158 Sonwill Drive  
Cheektowaga, NY 14225

TestAmerica Laboratories Inc.

A handwritten signature in black ink that reads "Paul K Morrow". The signature is written in a cursive, flowing style.

Paul K. Morrow  
Project Manager

11/07/2008



## TestAmerica Buffalo Current Certifications

As of 6/15/2007

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

\*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.

## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8D13201	001	WATER	10/17/2008	14:45	10/20/2008	11:05

## METHODS SUMMARY

Job#: A08-D132

Project#: NY5A9483  
 Site Name: Bristol Myers Monthly Discharge

PARAMETER	ANALYTICAL METHOD
Volatiles 624 Bristol Myers Monthly Discharge	CFR136 624
Semi-Volatiles 625 Bristol Myers Monthly Discharge	CFR136 625
Mercury - Total	MCAWW 245.1
Zinc - Total	MCAWW 200.7
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B

References:

CFR136	Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.
MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)
SM20	"Standard Methods for the Examination of Water and Wastewater", 20th Edition.

## SDG NARRATIVE

Job#: A08-D132Project#: NY5A9483  
Site Name: Bristol Myers Monthly DischargeGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-D132

Sample Cooler(s) were received at the following temperature(s); 5.0 °C  
Lab to composite volatile samples by date/time.

The received liters (4) were composited in sample control. Volume was then poured off for pH (8 oz plastic, ESS lot number 082008), Cyanide (8 oz plastic, NaOH preserved, ESS lot number 082008, Metals (16 oz plastic, HNO3 preserved, ESS lot number 090508).

GC/MS Volatile Data

The Matrix Spike Blank LCS01 (A8B2503901) was above control limits for the analyte Acrolein. However, since this target analyte was non-detect in the sample and the high recovery would yield a high bias, no further corrective action was necessary.

Volatile sample 001 was composited in the laboratory, prior to analysis.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

\*\*\*\*\*

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.





## DATA QUALIFIER PAGE

*These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.*

### ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

\* Indicates analysis is not within the quality control limits.

### INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit

\* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 11/07/2008

Time: 13:56:13

GES - Bristol Myers

GES - Bristol Myers Monthly Discharge

8/11 Page: 1

Rept: AN1178

Sample ID: 001

Lab Sample ID: A8D13201

Date Collected: 10/17/2008

Time Collected: 14:45

Date Received: 10/20/2008

Project No: NY5A9483

Client No: L11071

Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
VOLATILES 624 BRISTOL MYERS MONTHLY DISCHARGE								
1,1,1-Trichloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,1,2-Trichloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,1-Dichloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,1-Dichloroethene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,2-Dichlorobenzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,2-Dichloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,2-Dichloroethene (Total)	ND		10	UG/L	624	10/24/2008	16:43	TRB
1,2-Dichloropropane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,3-Dichlorobenzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
1,4-Dichlorobenzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
2-Chloroethylvinyl ether	ND		25	UG/L	624	10/24/2008	16:43	TRB
Acrolein	ND		100	UG/L	624	10/24/2008	16:43	TRB
Acrylonitrile	ND		100	UG/L	624	10/24/2008	16:43	TRB
Benzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Bromodichloromethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Bromoform	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Bromomethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Carbon Tetrachloride	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Chlorobenzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Chloroethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Chloroform	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Chloromethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
cis-1,3-Dichloropropene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Dibromochloromethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Ethylbenzene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Methylene chloride	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Tetrachloroethene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Toluene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
trans-1,3-Dichloropropene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Trichloroethene	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Trichlorofluoromethane	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
Vinyl chloride	ND		5.0	UG/L	624	10/24/2008	16:43	TRB
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
1,2,4-Trichlorobenzene	ND		10	UG/L	625	11/03/2008	19:46	MD
1,2-Dichlorobenzene	ND		10	UG/L	625	11/03/2008	19:46	MD
1,2-Diphenylhydrazine	ND		10	UG/L	625	11/03/2008	19:46	MD
1,3-Dichlorobenzene	ND		10	UG/L	625	11/03/2008	19:46	MD
1,4-Dichlorobenzene	ND		10	UG/L	625	11/03/2008	19:46	MD
2,2'-Oxybis(1-Chloropropane)	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2,4,6-Trichlorophenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2,4-Dichlorophenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2,4-Dimethylphenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2,4-Dinitrophenol	ND		10	UG/L	625	11/03/2008	19:46	MD
2,4-Dinitrotoluene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2,6-Dinitrotoluene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2-Chloronaphthalene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
2-Chlorophenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD

Date: 11/07/2008

Time: 13:56:13

GES - Bristol Myers

GES - Bristol Myers Monthly Discharge

9/11 Page: 2

Rept: AN1178

Sample ID: 001

Lab Sample ID: A8D13201

Date Collected: 10/17/2008

Time Collected: 14:45

Date Received: 10/20/2008

Project No: NY5A9483

Client No: L11071


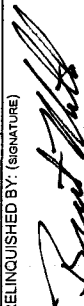

Site No: BRIST

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
2-Nitrophenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
3,3'-Dichlorobenzidine	ND		5.2	UG/L	625	11/03/2008	19:46	MD
4,6-Dinitro-2-methylphenol	ND		10	UG/L	625	11/03/2008	19:46	MD
4-Bromophenyl phenyl ether	ND		5.2	UG/L	625	11/03/2008	19:46	MD
4-Chloro-3-methylphenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
4-Chlorophenyl phenyl ether	ND		5.2	UG/L	625	11/03/2008	19:46	MD
4-Nitrophenol	ND		10	UG/L	625	11/03/2008	19:46	MD
Acenaphthene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Acenaphthylene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Anthracene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Benzidine	ND		82	UG/L	625	11/03/2008	19:46	MD
Benzo(a)anthracene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Benzo(a)pyrene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Benzo(b)fluoranthene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Benzo(ghi)perylene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Benzo(k)fluoranthene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Bis(2-chloroethoxy) methane	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Bis(2-chloroethyl) ether	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Bis(2-ethylhexyl) phthalate	ND		10	UG/L	625	11/03/2008	19:46	MD
Butyl benzyl phthalate	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Chrysene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Decane	ND		10	UG/L	625	11/03/2008	19:46	MD
Di-n-butyl phthalate	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Di-n-octyl phthalate	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Dibenzo(a,h)anthracene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Diethyl phthalate	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Dimethyl phthalate	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Fluoranthene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Fluorene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Hexachlorobenzene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Hexachlorobutadiene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Hexachlorocyclopentadiene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Hexachloroethane	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Indeno(1,2,3-cd)pyrene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Isophorone	ND		5.2	UG/L	625	11/03/2008	19:46	MD
N-Nitroso-Di-n-propylamine	ND		5.2	UG/L	625	11/03/2008	19:46	MD
N-Nitrosodimethylamine	ND		10	UG/L	625	11/03/2008	19:46	MD
N-nitrosodiphenylamine	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Naphthalene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Nitrobenzene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Octadecane	ND		10	UG/L	625	11/03/2008	19:46	MD
Pentachlorophenol	ND		10	UG/L	625	11/03/2008	19:46	MD
Phenanthrene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Phenol	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Pyrene	ND		5.2	UG/L	625	11/03/2008	19:46	MD
Metals Analysis								
Mercury - Total	ND		0.00020	MG/L	245.1	10/24/2008	20:03	MM
Zinc - Total	ND		0.010	MG/L	200.7	10/22/2008	23:07	AH

Sample ID: 001  
Lab Sample ID: A8D13201  
Date Collected: 10/17/2008  
Time Collected: 14:45

Date Received: 10/20/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Wet Chemistry Analysis									
Cyanide - Total	0.13		0.010		MG/L	335.4	10/29/2008 08:21		JM
pH	7.5		0.50		S.U.	4500-H+ B	10/21/2008 23:57		RK

<div>STL TRENT</div>		ANALYSIS REQUEST AND CHAIN OF CUSTODY REQUEST		STL Buffalo 10 Hazelwood Drive, Suite 106 Amherst, NY 14228 Ph: 716-691-2600 Fax: 716-691-7991 Website: www.stl-inc.com		STL JOB/LOG #:	
PROJECT & CLIENT INFORMATION		PROJECT NO. # NY5A9483		Project State NV		Possible Hazards: Sample Disposal: By Laboratory	
STL (LAB) PROJECT MANAGER: Paul Morrow		P.O. Number:		Contract/Quote No. NY05097		Final Report Type (Circle at least one): I II	
CLIENT (SITE) PM: Chris Schifferli		CLIENT PHONE: 716-706-0074		CLIENT FAX: 716-706-0078		TAT: Standard EXPEDITED REPORT (circle one) FAX EMAIL POST Other	
CLIENT NAME: Groundwater & Environmental Services, Inc.		CLIENT EMAIL: CSCIFFERLI@GESONLINE.COM		LABORATORY SAMPLE ID		NUMBER OF COOLERS SUBMITTED PER SHIPMENT: ONE	
CLIENT ADDRESS: 158 Sonwill Drive Cheektowaga, NY 14225		LABORATORY TYPE - GRAB		FIELD FILTERED - NO		PH, 624.625, T-Cn, T-Hg, T-Zn	
Matrix - WATER		Sample Information		REQUIRED ANALYSES		REMARKS	
Sampler's Signature & Initials: 		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED		Composite all one liter glass at lab and preserve appropriately.	
DATE		TIME		DATE		TIME	
10-17-08		0800		001		X	
10-17-08		1045		001		X	
10-17-08		1230		001		X	
10-17-08		1445		001		X	
RELINQUISHED BY: (SIGNATURE) 		DATE 10-17-08		TIME 1500		RELINQUISHED BY: (SIGNATURE)	
RECEIVED BY: (SIGNATURE) 		DATE 10-20-08		TIME 11:05		RECEIVED BY: (SIGNATURE)	
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE		TIME		LABORATORY REMARKS: 50"	



## ANALYTICAL REPORT

Job#: A08-F076Project#: NY5A9483Site Name: Bristol Myers Monthly Discharge

Task: GES - Bristol Myers Monthly Discharge

Mr. Chris Schifferli  
GES  
158 Sonwill Drive  
Cheektowaga, NY 14225

TestAmerica Laboratories Inc.

A handwritten signature in black ink that reads "Paul K Morrow". The signature is written in a cursive, flowing style.

Paul K. Morrow  
Project Manager

12/09/2008



## TestAmerica Buffalo Current Certifications

As of 11/3/2008

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

## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8F07601	001	WATER	11/24/2008	14:00	11/25/2008	12:10



## METHODS SUMMARY

Job#: A08-F076

Project#: NY5A9483  
 Site Name: Bristol Myers Monthly Discharge

PARAMETER	ANALYTICAL METHOD
Volatiles 624 Bristol Myers Monthly Discharge	CFR136 624
Semi-Volatiles 625 Bristol Myers Monthly Discharge	CFR136 625
Mercury - Total	MCAWW 245.1
Zinc - Total	MCAWW 200.7
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B

References:

CFR136	Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.
MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)
SM20	"Standard Methods for the Examination of Water and Wastewater", 20th Edition.

## SDG NARRATIVE

Job#: A08-F076Project#: NY5A9483  
Site Name: Bristol Myers Monthly DischargeGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-F076

Sample Cooler(s) were received at the following temperature(s); 4.0 °C  
Volume for HG;ZN, CYANIDE and PH was poured off in Sample Control.

GC/MS Volatile Data

Volatile sample 001 was composited in the laboratory, prior to analysis.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

\*\*\*\*\*

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



## DATA QUALIFIER PAGE

*These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.*

### ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

\* Indicates analysis is not within the quality control limits.

### INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit

\* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: 001

Lab Sample ID: A8F07601

Date Collected: 11/24/2008

Time Collected: 14:00

Date Received: 11/25/2008

Project No: NY5A9483

Client No: L11071

Site No: BRIST

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
VOLATILES 624 BRISTOL MYERS MONTHLY DISCHARGE								
1,1,1-Trichloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,1,2-Trichloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,1-Dichloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,1-Dichloroethene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,2-Dichlorobenzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,2-Dichloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,2-Dichloroethene (Total)	ND		10	UG/L	624	12/03/2008	18:54	TRB
1,2-Dichloropropane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,3-Dichlorobenzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
1,4-Dichlorobenzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
2-Chloroethylvinyl ether	ND		25	UG/L	624	12/03/2008	18:54	TRB
Acrolein	ND		100	UG/L	624	12/03/2008	18:54	TRB
Acrylonitrile	ND		100	UG/L	624	12/03/2008	18:54	TRB
Benzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Bromodichloromethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Bromoform	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Bromomethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Carbon Tetrachloride	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Chlorobenzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Chloroethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Chloroform	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Chloromethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
cis-1,3-Dichloropropene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Dibromochloromethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Ethylbenzene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Methylene chloride	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Tetrachloroethene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Toluene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
trans-1,3-Dichloropropene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Trichloroethene	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Trichlorofluoromethane	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
Vinyl chloride	ND		5.0	UG/L	624	12/03/2008	18:54	TRB
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
1,2,4-Trichlorobenzene	ND		10	UG/L	625	12/05/2008	20:51	RM
1,2-Dichlorobenzene	ND		10	UG/L	625	12/05/2008	20:51	RM
1,2-Diphenylhydrazine	ND		10	UG/L	625	12/05/2008	20:51	RM
1,3-Dichlorobenzene	ND		10	UG/L	625	12/05/2008	20:51	RM
1,4-Dichlorobenzene	ND		10	UG/L	625	12/05/2008	20:51	RM
2,2'-Oxybis(1-Chloropropane)	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2,4,6-Trichlorophenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2,4-Dichlorophenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2,4-Dimethylphenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2,4-Dinitrophenol	ND		10	UG/L	625	12/05/2008	20:51	RM
2,4-Dinitrotoluene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2,6-Dinitrotoluene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2-Chloronaphthalene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
2-Chlorophenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM

GES - Bristol Myers  
GES - Bristol Myers Monthly Discharge

Sample ID: 001  
Lab Sample ID: A8F07601  
Date Collected: 11/24/2008  
Time Collected: 14:00

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
2-Nitrophenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
3,3'-Dichlorobenzidine	ND		5.2	UG/L	625	12/05/2008	20:51	RM
4,6-Dinitro-2-methylphenol	ND		10	UG/L	625	12/05/2008	20:51	RM
4-Bromophenyl phenyl ether	ND		5.2	UG/L	625	12/05/2008	20:51	RM
4-Chloro-3-methylphenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
4-Chlorophenyl phenyl ether	ND		5.2	UG/L	625	12/05/2008	20:51	RM
4-Nitrophenol	ND		10	UG/L	625	12/05/2008	20:51	RM
Acenaphthene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Acenaphthylene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Anthracene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Benzidine	ND		83	UG/L	625	12/05/2008	20:51	RM
Benzo(a)anthracene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Benzo(a)pyrene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Benzo(b)fluoranthene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Benzo(ghi)perylene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Benzo(k)fluoranthene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Bis(2-chloroethoxy) methane	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Bis(2-chloroethyl) ether	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Bis(2-ethylhexyl) phthalate	ND		10	UG/L	625	12/05/2008	20:51	RM
Butyl benzyl phthalate	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Chrysene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Decane	ND		10	UG/L	625	12/05/2008	20:51	RM
Di-n-butyl phthalate	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Di-n-octyl phthalate	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Dibenzo(a,h)anthracene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Diethyl phthalate	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Dimethyl phthalate	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Fluoranthene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Fluorene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Hexachlorobenzene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Hexachlorobutadiene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Hexachlorocyclopentadiene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Hexachloroethane	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Indeno(1,2,3-cd)pyrene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Isophorone	ND		5.2	UG/L	625	12/05/2008	20:51	RM
N-Nitroso-Di-n-propylamine	ND		5.2	UG/L	625	12/05/2008	20:51	RM
N-Nitrosodimethylamine	ND		10	UG/L	625	12/05/2008	20:51	RM
N-nitrosodiphenylamine	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Naphthalene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Nitrobenzene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Octadecane	ND		10	UG/L	625	12/05/2008	20:51	RM
Pentachlorophenol	ND		10	UG/L	625	12/05/2008	20:51	RM
Phenanthrene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Phenol	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Pyrene	ND		5.2	UG/L	625	12/05/2008	20:51	RM
Metals Analysis								
Mercury - Total	ND		0.00020	MG/L	245.1	12/02/2008	13:59	MM
Zinc - Total	ND		0.010	MG/L	200.7	12/02/2008	21:28	AH

Sample ID: 001  
Lab Sample ID: A8F07601  
Date Collected: 11/24/2008  
Time Collected: 14:00

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Wet Chemistry Analysis									
Cyanide - Total	0.24		0.010		MG/L	335.4	12/03/2008	10:02	JM
pH	7.1		0.50		S.U.	4500-H+ B	11/25/2008	19:40	RJP

STL

SE N TRENT

ANALYSIS REQUEST AND CHAIN OF CUSTODY REQUEST

STL Buffalo

STL Buffalo

10 Hazelwood Drive, Suite 106

Amherst, NY 14228

Ph: 716-691-2600

Fax: 716-691-7991

Website: www.stl-inc.com

STL JOB/LOG #:

Possible Hazards:

Sample Disposal:

By Laboratory

Project State

NV

Project No. #

NY5A9483

P.O. Number

Contract/Quote No.

NY05097

Client Phone

716-706-0074

Client Fax

716-706-0078

Client Email

CSCHIFFERU@GESONLINE.COM

Client Name

Groundwater & Environmental Services, Inc.

Client Address

158 Sonwil Drive Cheektowaga, NY 14225

Project Reference/Name

Bristol-Myers Squibb

STL (Lab) Project Manager

Paul Morrow

Client (Site) PM

Chris Schifferli

Client Signature & Initials

*Chris Schifferli*

Sampled On

Date

Time

Sample Identification

0800

001

11-24-08

0800

001

11-24-08

1000

001

11-24-08

1200

001

11-24-08

1400

001

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11-24-08

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11-25-08

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## ANALYTICAL REPORT

Job#: A08-G153Project#: NY5A9483Site Name: Bristol Myers Monthly Discharge

Task: GES - Bristol Myers Monthly Discharge

Mr. Chris Schifferli  
GES  
158 Sonwill Drive  
Cheektowaga, NY 14225

TestAmerica Laboratories Inc.

A handwritten signature in black ink that reads "Paul K Morrow". The signature is written in a cursive, flowing style.

Paul K. Morrow  
Project Manager

01/14/2009



## TestAmerica Buffalo Current Certifications

As of 11/3/2008

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

## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8G15301	001	WATER	12/19/2008	14:00	12/22/2008	12:15

## METHODS SUMMARY

Job#: A08-G153

Project#: NY5A9483  
 Site Name: Bristol Myers Monthly Discharge

PARAMETER	ANALYTICAL METHOD
Volatiles 624 Bristol Myers Monthly Discharge	CFR136 624
Semi-Volatiles 625 Bristol Myers Monthly Discharge	CFR136 625
Mercury - Total	MCAWW 245.1
Zinc - Total	MCAWW 200.7
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B

References:

CFR136	Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.
MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)
SM20	"Standard Methods for the Examination of Water and Wastewater", 20th Edition.

## SDG NARRATIVE

Job#: A08-G153Project#: NY5A9483  
Site Name: Bristol Myers Monthly DischargeGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-G153

Sample Cooler(s) were received at the following temperature(s); 2.0 °C  
625 volume was composited in Sample control and poured off for METALS; T CN and PH volume.

Lab to composite volatile samples by date/time.

GC/MS Volatile Data

The Matrix Spike Blank LCS41 (A8B2821501) was above control limits for the analyte Acrolein. However, since this target analyte was non-detect in the sample and the high recovery would yield a high bias, no further corrective action was necessary.

Volatile sample 001 was composited in the laboratory, prior to analysis.

GC/MS Semivolatile Data

The spike recoveries for several analytes were outside of method defined quality control limits in the Matrix Spike Blank A8B2804901 and in the Matrix Spike Blank Duplicate A8B2804902. The samples were re-extracted outside of holding time and re-analyzed with acceptable results. Both sets of data have been reported.

The Relative Percent Difference between the Matrix Spike Blank A8B2804901 and the Matrix Spike Blank Duplicate A8B2804902 exceeded quality control criteria for several analytes.

The spike recoveries for Benzidine, N-nitrosodiphenylamine and Pyrene were above method defined quality control limits in the Matrix Spike Blank A9B1130101 and in the Matrix Spike Blank Duplicate A9B1130102. Since the results were biased high and these analytes were not detected in the samples, the data was not affected. no corrective action was taken.

#### Metals Data

No deviations from protocol were encountered during the analytical procedures.

#### Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

\*\*\*\*\*

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



## DATA QUALIFIER PAGE

*These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.*

### ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

\* Indicates analysis is not within the quality control limits.

### INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit

\* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

GES - Bristol Myers  
GES - Bristol Myers Monthly Discharge

Sample ID: 001  
Lab Sample ID: A8G15301  
Date Collected: 12/19/2008  
Time Collected: 14:00

Date Received: 12/22/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
VOLATILES 624 BRISTOL MYERS MONTHLY DISCHARGE								
1,1,1-Trichloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,1,2-Trichloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,1-Dichloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,1-Dichloroethene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,2-Dichlorobenzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,2-Dichloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,2-Dichloroethene (Total)	ND		10	UG/L	624	12/27/2008 09:32		MF
1,2-Dichloropropane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,3-Dichlorobenzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
1,4-Dichlorobenzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
2-Chloroethylvinyl ether	ND		25	UG/L	624	12/27/2008 09:32		MF
Acrolein	ND		100	UG/L	624	12/27/2008 09:32		MF
Acrylonitrile	ND		100	UG/L	624	12/27/2008 09:32		MF
Benzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Bromodichloromethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Bromoform	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Bromomethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Carbon Tetrachloride	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Chlorobenzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Chloroethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Chloroform	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Chloromethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
cis-1,3-Dichloropropene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Dibromochloromethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Ethylbenzene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Methylene chloride	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Tetrachloroethene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Toluene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
trans-1,3-Dichloropropene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Trichloroethene	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Trichlorofluoromethane	ND		5.0	UG/L	624	12/27/2008 09:32		MF
Vinyl chloride	ND		5.0	UG/L	624	12/27/2008 09:32		MF
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
1,2,4-Trichlorobenzene	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
1,2-Dichlorobenzene	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
1,2-Diphenylhydrazine	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
1,3-Dichlorobenzene	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
1,4-Dichlorobenzene	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
2,2'-Oxybis(1-Chloropropane)	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2,4,6-Trichlorophenol	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2,4-Dichlorophenol	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2,4-Dimethylphenol	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2,4-Dinitrophenol	ND		9.4	UG/L	625	12/30/2008 15:35		JLG
2,4-Dinitrotoluene	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2,6-Dinitrotoluene	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2-Chloronaphthalene	ND		4.7	UG/L	625	12/30/2008 15:35		JLG
2-Chlorophenol	ND		4.7	UG/L	625	12/30/2008 15:35		JLG



## GES - Bristol Myers Monthly Discharge

Sample ID: 001

Date Received: 12/22/2008

Lab Sample ID: A8G15301

Project No: NY5A9483

Date Collected: 12/19/2008

Client No: L11071

Time Collected: 14:00

Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
2-Nitrophenol	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
3,3'-Dichlorobenzidine	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
4,6-Dinitro-2-methylphenol	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
4-Bromophenyl phenyl ether	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
4-Chloro-3-methylphenol	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
4-Chlorophenyl phenyl ether	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
4-Nitrophenol	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
Acenaphthene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Acenaphthylene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Anthracene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Benzidine	ND		75	UG/L	625	12/30/2008	15:35	JLG
Benzo(a)anthracene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Benzo(a)pyrene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Benzo(b)fluoranthene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Benzo(ghi)perylene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Benzo(k)fluoranthene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Bis(2-chloroethoxy) methane	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Bis(2-chloroethyl) ether	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Bis(2-ethylhexyl) phthalate	0.92	BJ	9.4	UG/L	625	12/30/2008	15:35	JLG
Butyl benzyl phthalate	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Chrysene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Decane	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
Di-n-butyl phthalate	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Di-n-octyl phthalate	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Dibenzo(a,h)anthracene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Diethyl phthalate	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Dimethyl phthalate	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Fluoranthene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Fluorene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Hexachlorobenzene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Hexachlorobutadiene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Hexachlorocyclopentadiene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Hexachloroethane	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Indeno(1,2,3-cd)pyrene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Isophorone	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
N-Nitroso-Di-n-propylamine	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
N-Nitrosodimethylamine	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
N-nitrosodiphenylamine	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Naphthalene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Nitrobenzene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Octadecane	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
Pentachlorophenol	ND		9.4	UG/L	625	12/30/2008	15:35	JLG
Phenanthrene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Phenol	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Pyrene	ND		4.7	UG/L	625	12/30/2008	15:35	JLG
Metals Analysis								
Mercury - Total	ND		0.00020	MG/L	245.1	12/29/2008	12:47	MM
Zinc - Total	ND		0.010	MG/L	200.7	12/23/2008	23:12	AH

Sample ID: 001  
Lab Sample ID: A8615301  
Date Collected: 12/19/2008  
Time Collected: 14:00

Date Received: 12/22/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Wet Chemistry Analysis									
Cyanide - Total	0.19		0.010		MG/L	335.4	12/23/2008 07:58		JM
pH	7.6		0		S.U.	4500-H+ B	12/22/2008 20:26		JWK

Sample ID: 001

Lab Sample ID: A8G15301RE

Date Collected: 12/19/2008

Time Collected: 14:00

Date Received: 12/22/2008

Project No: NY5A9483

Client No: L11071

Site No: BRIST

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
1,2,4-Trichlorobenzene	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
1,2-Dichlorobenzene	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
1,2-Diphenylhydrazine	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
1,3-Dichlorobenzene	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
1,4-Dichlorobenzene	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
2,2'-Oxybis(1-Chloropropane)	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2,4,6-Trichlorophenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2,4-Dichlorophenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2,4-Dimethylphenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2,4-Dinitrophenol	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
2,4-Dinitrotoluene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2,6-Dinitrotoluene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2-Chloronaphthalene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2-Chlorophenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
2-Nitrophenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
3,3'-Dichlorobenzidine	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
4,6-Dinitro-2-methylphenol	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
4-Bromophenyl phenyl ether	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
4-Chloro-3-methylphenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
4-Chlorophenyl phenyl ether	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
4-Nitrophenol	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
Acenaphthene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Acenaphthylene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Anthracene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Benzidine	ND		75	UG/L	625	01/13/2009 16:33		JLG
Benzo(a)anthracene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Benzo(a)pyrene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Benzo(b)fluoranthene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Benzo(ghi)perylene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Benzo(k)fluoranthene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Bis(2-chloroethoxy) methane	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Bis(2-chloroethyl) ether	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Bis(2-ethylhexyl) phthalate	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
Butyl benzyl phthalate	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Chrysene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Decane	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
Di-n-butyl phthalate	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Di-n-octyl phthalate	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Dibenzo(a,h)anthracene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Diethyl phthalate	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Dimethyl phthalate	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Fluoranthene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Fluorene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Hexachlorobenzene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Hexachlorobutadiene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Hexachlorocyclopentadiene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Hexachloroethane	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Indeno(1,2,3-cd)pyrene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Isophorone	ND		4.7	UG/L	625	01/13/2009 16:33		JLG

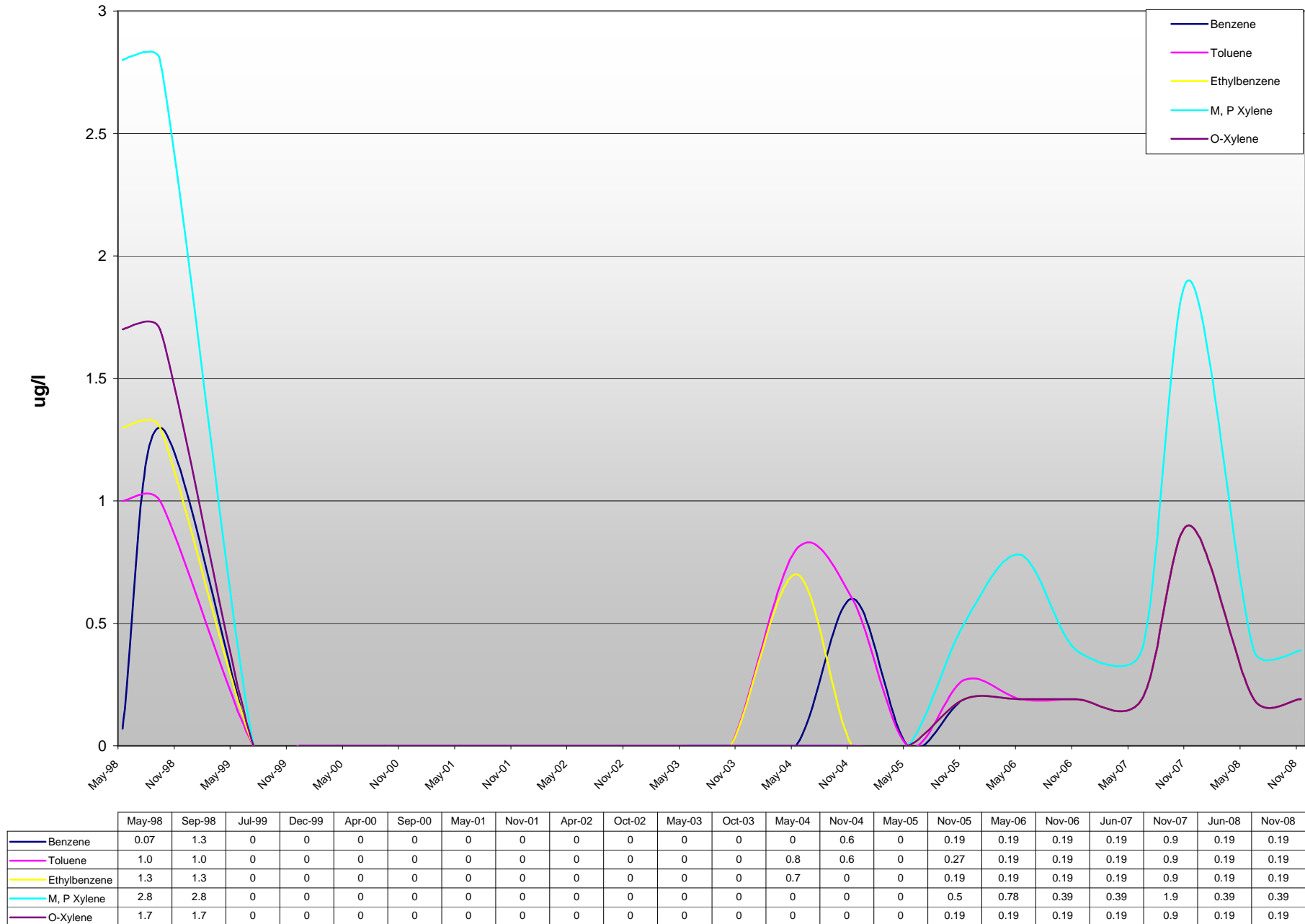
Sample ID: 001  
Lab Sample ID: A8G15301RE  
Date Collected: 12/19/2008  
Time Collected: 14:00

Date Received: 12/22/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

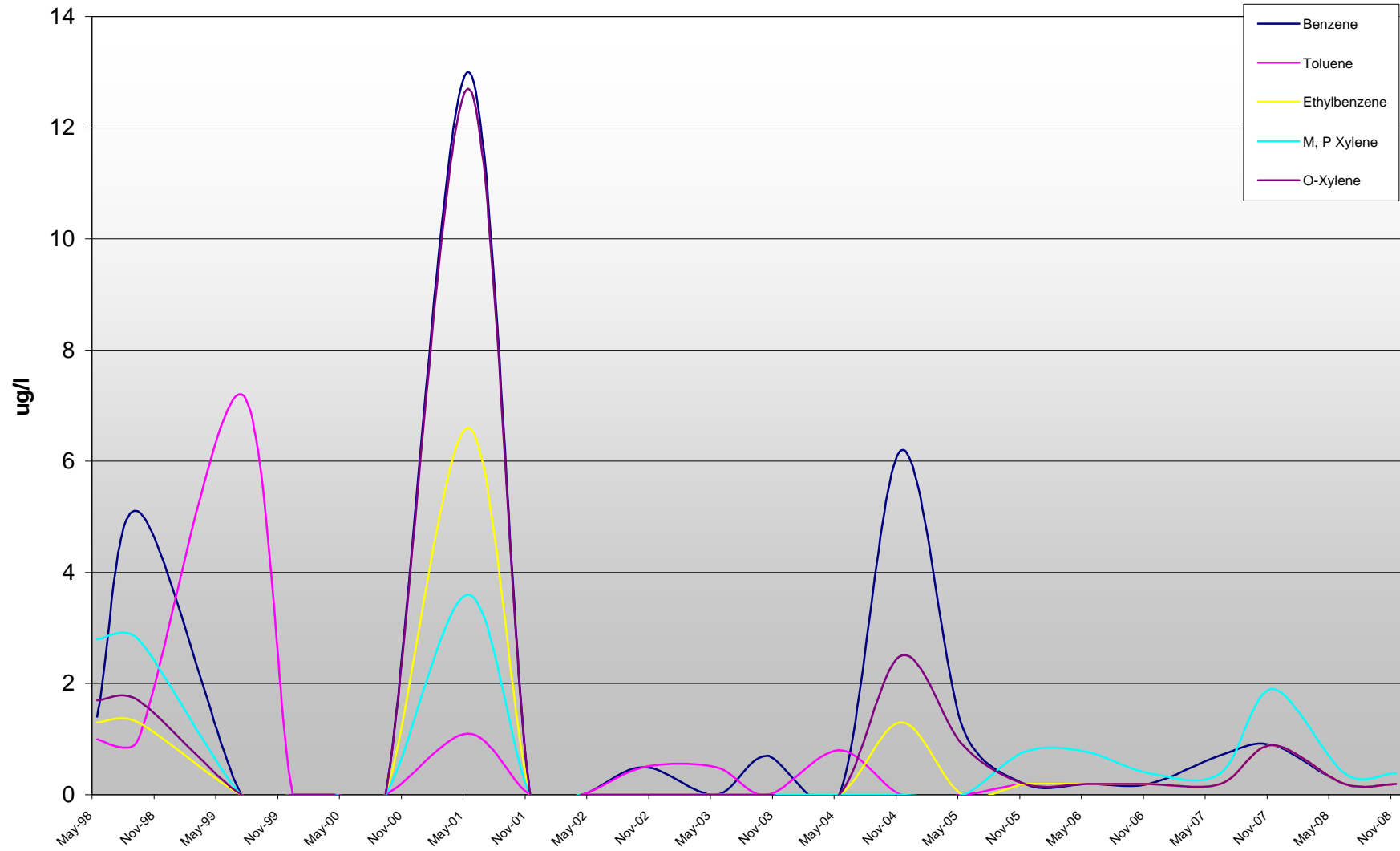
Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
SEMI-VOLATILES 625 BRISTOL MYERS MONTHLY DISC								
N-Nitroso-Di-n-propylamine	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
N-Nitrosodimethylamine	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
N-nitrosodiphenylamine	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Naphthalene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Nitrobenzene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Octadecane	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
Pentachlorophenol	ND		9.4	UG/L	625	01/13/2009 16:33		JLG
Phenanthrene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Phenol	ND		4.7	UG/L	625	01/13/2009 16:33		JLG
Pyrene	ND		4.7	UG/L	625	01/13/2009 16:33		JLG

STL		ANALYSIS REQUEST AND CHAIN OF CUSTODY REQUEST		STL Buffalo		STL Buffalo		STL JOB/LOG #:		Serial or COC #:	
PROJECT & CLIENT INFORMATION		PROJECT NO. # NY5A9483		PROJECT STATE		STL Buffalo		10 Hazelwood Drive, Suite 106		STL JOB/LOG #:	
PROJECT REFERENCE NAME: Bristol-Myers Squibb		P.O. Number:		Contract/Quote No.		Amherst, NY 14228		Ph: 716-691-2600		Possible Hazards:	
STL (LAB) PROJECT MANAGER: Paul Morrow		CLIENT PHONE: 716-706-0074		CLIENT FAX: 716-706-0078		Fax: 716-691-7991		Sample Disposal:		By Laboratory	
CLIENT (SITE) PM: Chris Schifferli		CLIENT EMAIL: CSCHIFFERLI@GESONLINE.COM		CLIENT ADDRESS: 158 Sonwil Drive Cheektowaga, NY 14225		Website: www.stl-inc.com		By Laboratory		By Laboratory	
SAMPLERS SIGNATURE & INITIALS:		DATE		TIME		LABORATORY SAMPLE ID		SAMPLE TYPE - GRAB		FIELD FILTERED - NO	
Bent Miller (Bm)		12-19-08		0800		001		WATER		MATRIX - WATER	
12-19-08		1000		001							
12-19-08		1200		001							
12-19-08		1400		001							
RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)		DATE		TIME	
Bent Miller		12-19-08		1430		Bent Miller		12-22		1215	
RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)		DATE		TIME	
Bent Miller						Bent Miller		12-22		1215	
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE		TIME		CUSTODY SEAL NO.		CUSTODY INTACT		LABORATORY REMARKS:	
						YES NO		YES NO		2.00	

# Attachment 8 - Well B3

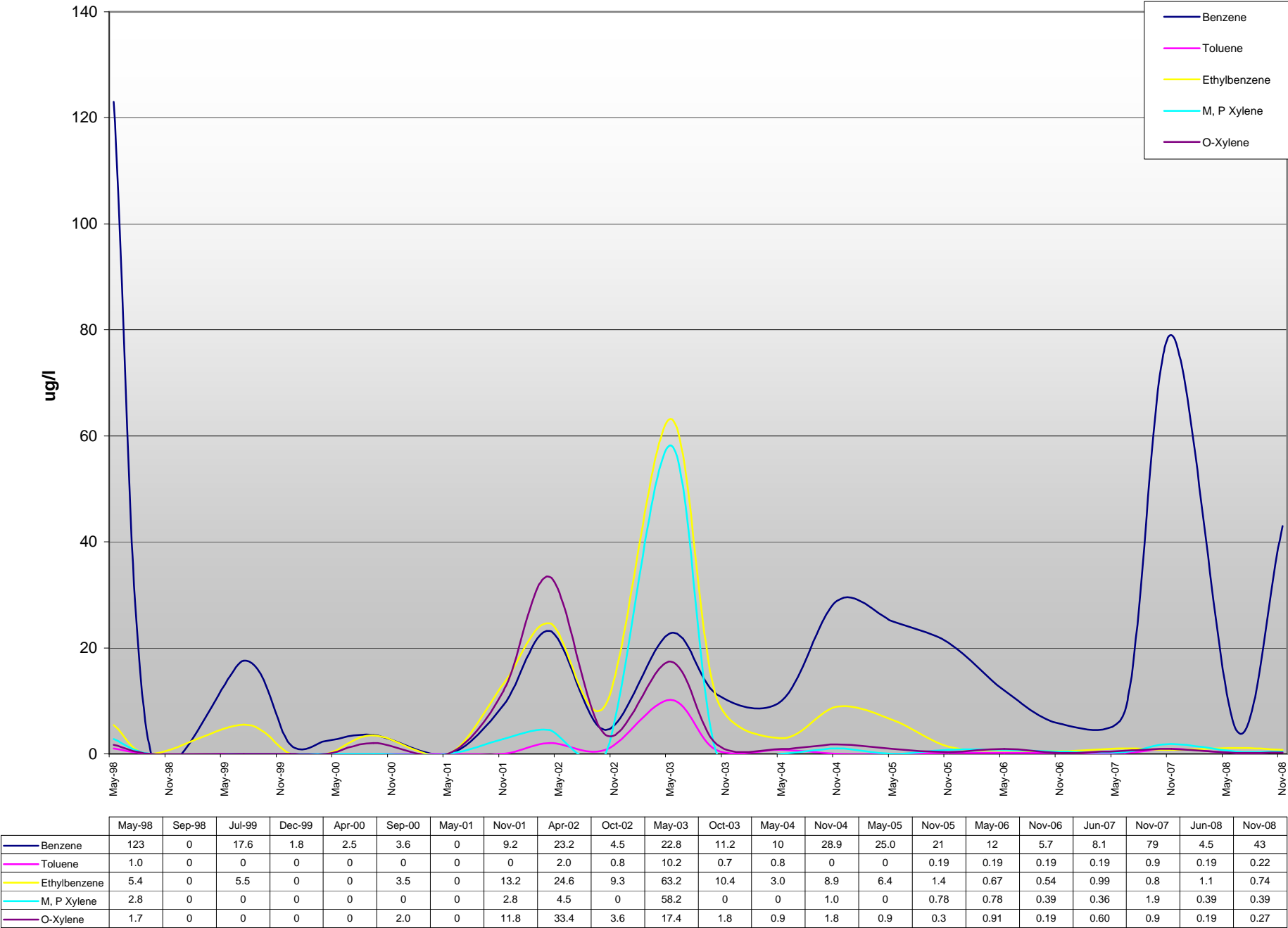


# Attachment 8 - Well B6



	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
Benzene	1.4	5.1	0	0	0	0	13	0	0	0.5	0	0.7	0	6.2	1.2	0.19	0.19	0.19	0.71	0.9	0.19	0.19
Toluene	1.0	1.0	7.2	0	0	0	1.1	0	0	0.5	0.5	0	0.8	0	0	0.19	0.19	0.19	0.19	0.9	0.19	0.19
Ethylbenzene	1.3	1.3	0	0	0	0	6.6	0	0	0	0	0	0	1.3	0	0.19	0.19	0.19	0.19	0.9	0.19	0.19
M, P Xylene	2.8	2.8	0	0	0	0	3.6	0	0	0	0	0	0	0	0	0.78	0.78	0.39	0.39	1.9	0.39	0.39
O-Xylene	1.7	1.7	0	0	0	0	12.7	0	0	0	0	0	0	2.5	0.9	0.19	0.19	0.19	0.19	0.9	0.19	0.19

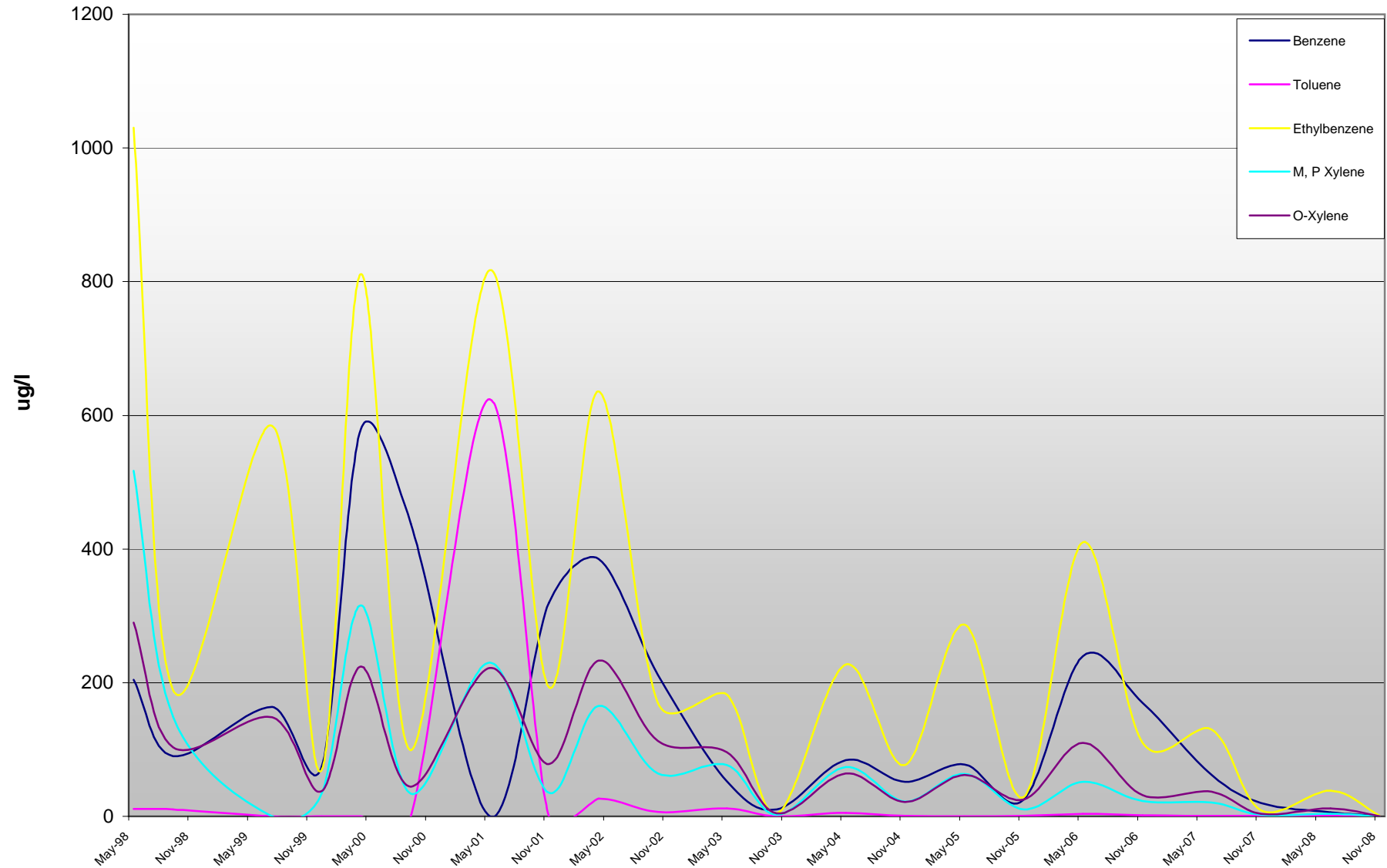
Attachment 8 - Well B7



Dry Well

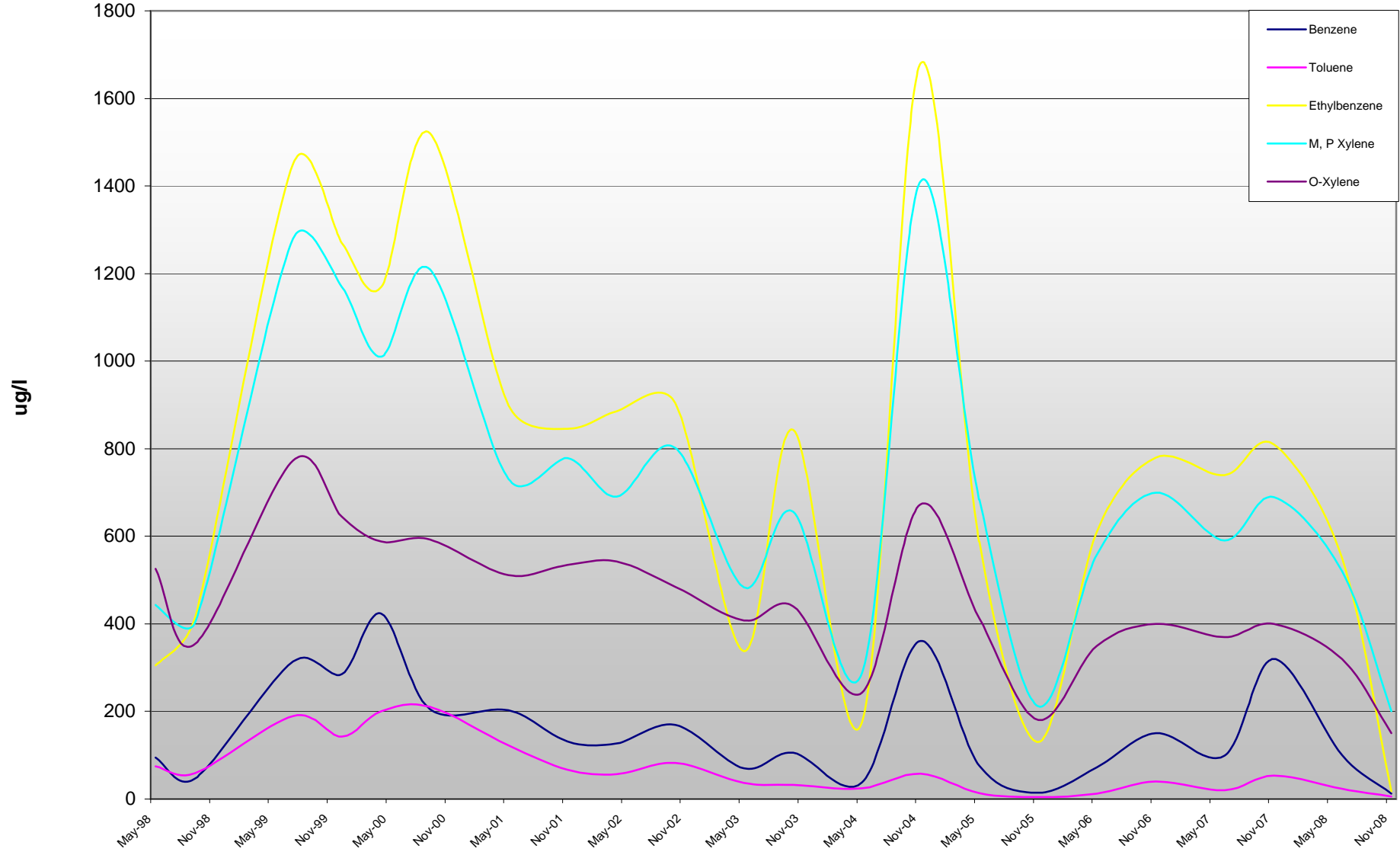


# Attachment 8 - Well B8



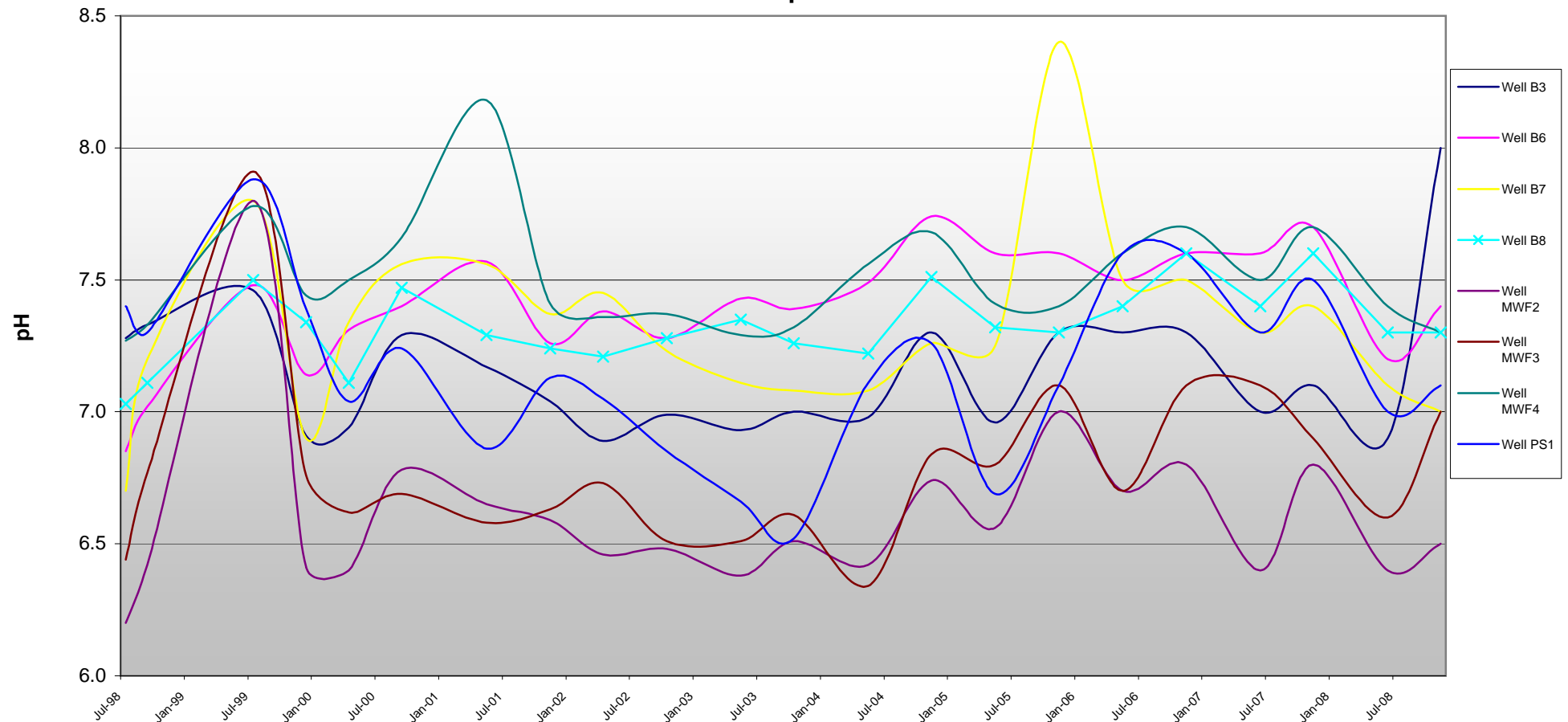
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08
Benzene	204	90	164	73.4	580	438	0	319	385	212	52.2	10.1	84	51.6	77.7	25	240	170	62	20	5.6	0.79
Toluene	11	10	0	0	0	0	624	0	26.8	6.9	12.0	0	5.0	1.0	0	0.54	3.5	1.7	1.1	0.9	1.0	0.19
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
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
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

Attachment 8 - Well MWF2



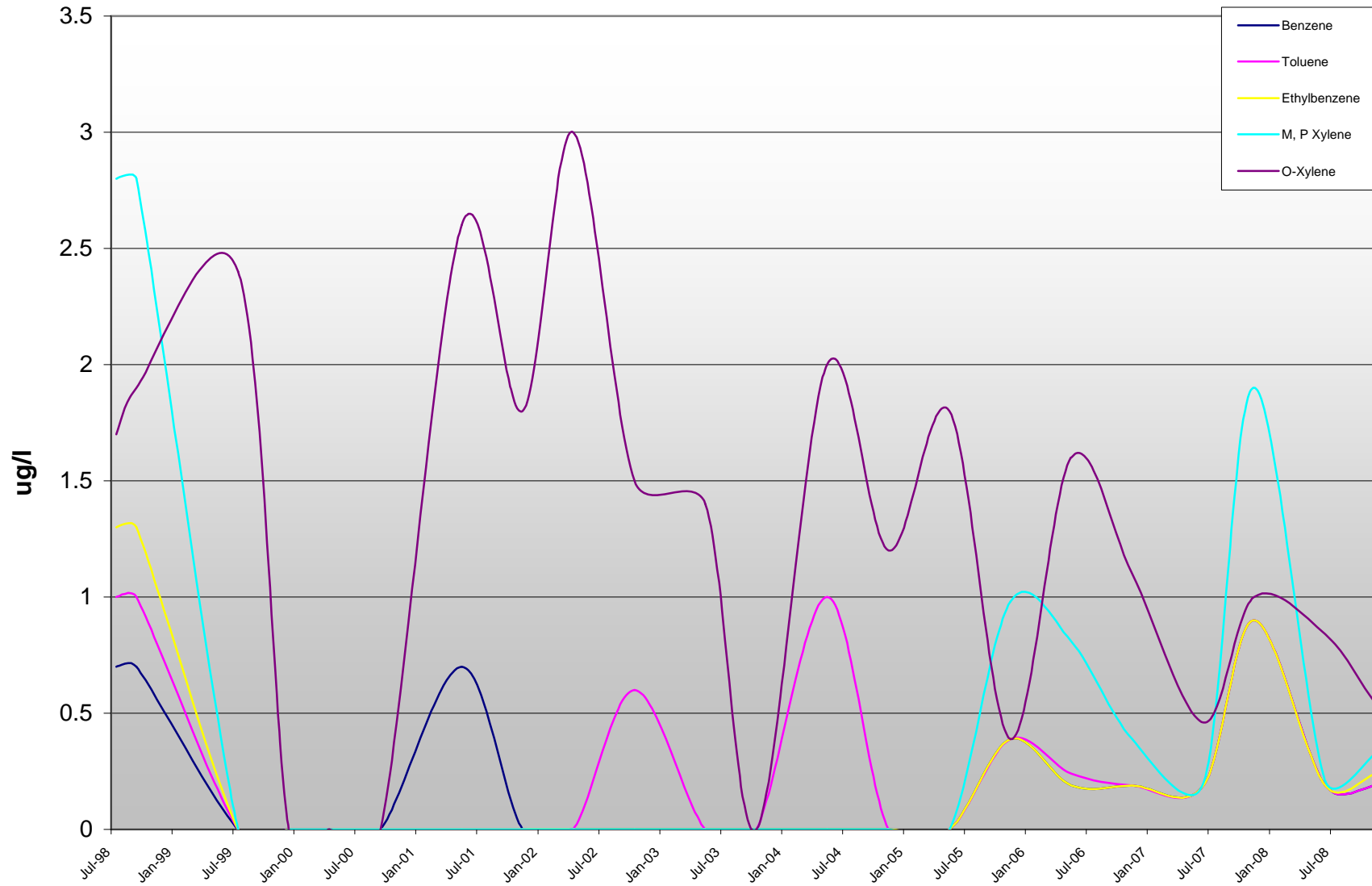
	May-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08
Benzene	95	47	314	285	423	205	203	131	127	169	70	106	38	361	75.8	14	72	150	99	320	100	12
Toluene	75	59	189	143	200	211	122	66.6	57.2	82.2	36.4	32.4	24	57.4	13.5	4.0	12	40	20	53	23	5.1
Ethylbenzene	305	414	1450	1270	1170	1520	899	845	886	905	338	843	175	1680	588	130	610	780	740	810	550	18
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
O-Xylene	526	354	773	645	588	593	511	535	543	485	408	440	243	673	412	180	350	400	370	400	320	150

# Attachment 8 - pH in Water



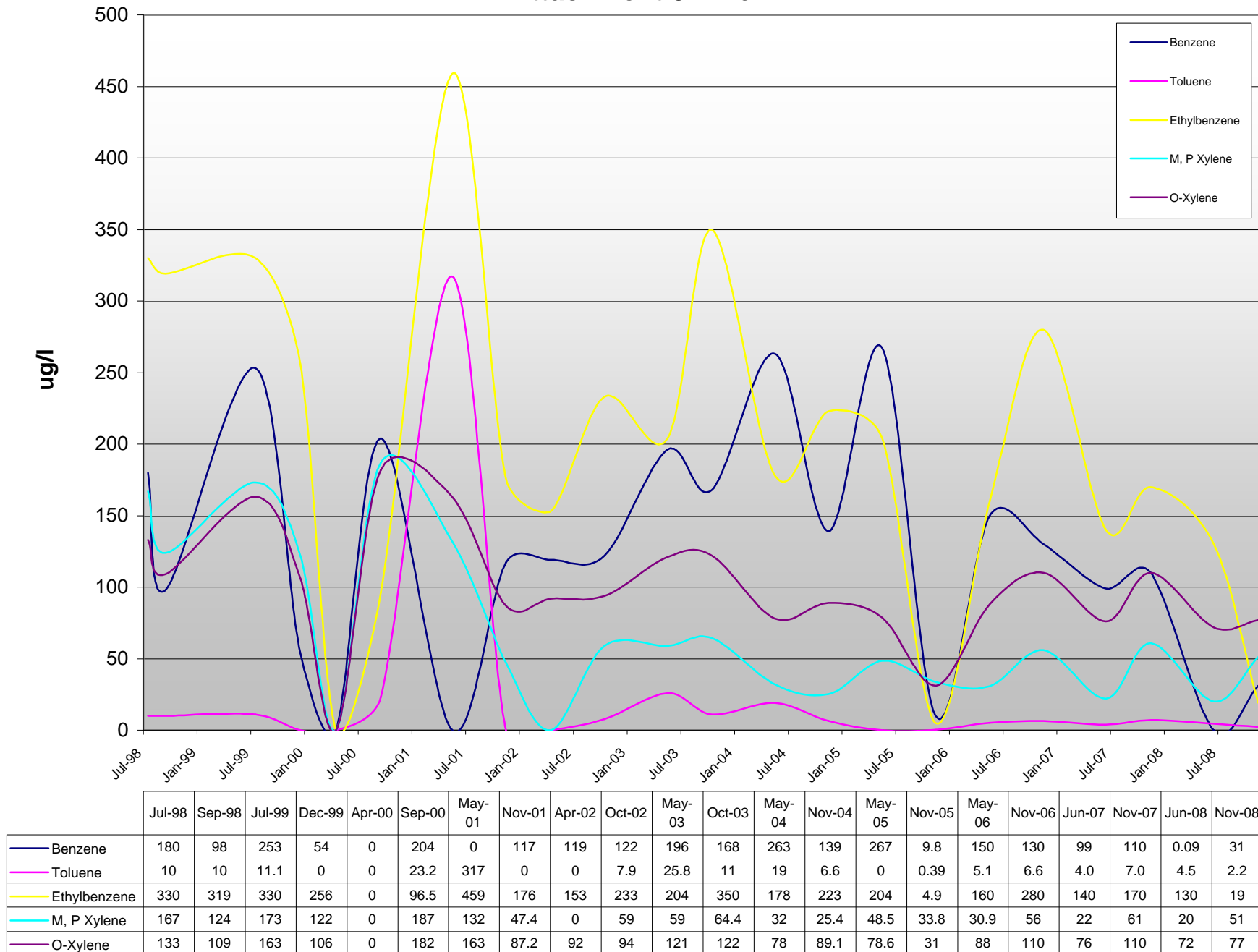
	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08
Well B3	7.3	7.3	7.5	6.9	6.9	7.3	7.2	7.0	6.9	7.0	6.9	7.0	7.0	7.3	7.0	7.3	7.3	7.3	7.0	7.1	6.9	8.0
Well B6	6.9	7.0	7.5	7.1	7.3	7.4	7.6	7.3	7.4	7.3	7.4	7.4	7.5	7.7	7.6	7.6	7.5	7.6	7.6	7.7	7.2	7.4
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
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
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
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
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
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

## Attachment 8 - Well MWF3

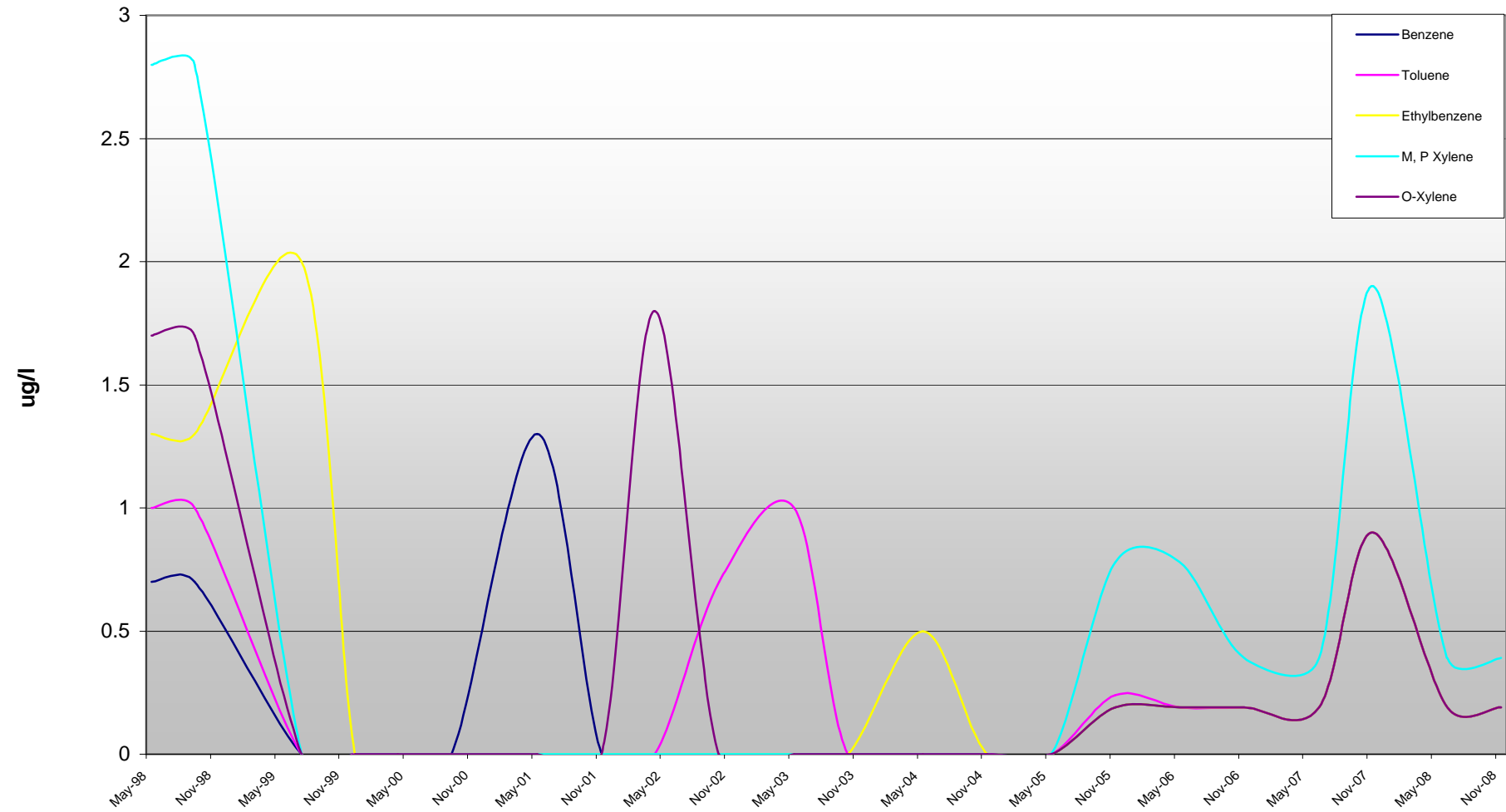


	Jul-98	Sep-98	Jul-99	Dec-99	Apr-00	Sep-00	May-01	Nov-01	Apr-02	Oct-02	May-03	Oct-03	May-04	Nov-04	May-05	Nov-05	May-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08
Benzene	0.7	0.7	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0.39	0.19	0.19	0.19	0.9	0.19	0.19
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.6	0	0	1.0	0	0	0.39	0.24	0.19	0.19	0.9	0.19	0.19
Ethylbenzene	1.3	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.39	0.19	0.19	0.19	0.9	0.19	0.24
M, P Xylene	2.8	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.98	0.81	0.39	0.20	1.9	0.21	0.33
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	0.39	1.6	1.1	0.46	1.0	0.84	0.54

## Attachment 8 - Well MWF4



Attachment 8 - Well PS1



	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
Benzene	0.7	0.7	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0.19	0.19	0.19	0.19	0.9	0.19	0.19
Toluene	1.0	1.0	0	0	0	0	0	0	0	0.7	1.0	0	0	0	0	0.24	0.19	0.19	0.19	0.9	0.19	0.19
Ethylbenzene	1.3	1.3	2.0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.19	0.19	0.19	0.19	0.9	0.19	0.19
M, P Xylene	2.8	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.78	0.78	0.39	0.39	1.9	0.39	0.39
O-Xylene	1.7	1.7	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0.19	0.19	0.19	0.19	0.9	0.19	0.19



## ANALYTICAL REPORT

Job#: A08-F082Project#: NY5A9483Site Name: Bristol Myers Monthly Discharge

Task: Bristol Myers- Semi-annual Sampling

Mr. Chris Schifferli  
GES  
158 Sonwill Drive  
Cheektowaga, NY 14225

TestAmerica Laboratories Inc.

A handwritten signature in black ink that reads "Paul K Morrow". The signature is written in a cursive, flowing style.

Paul K. Morrow  
Project Manager

12/11/2008



## TestAmerica Buffalo Current Certifications

As of 11/3/2008

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



## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8F08201	B3	WATER	11/25/2008	08:50	11/25/2008	12:10
A8F08202	B6	WATER	11/25/2008	09:15	11/25/2008	12:10
A8F08203	B7	WATER	11/25/2008	09:20	11/25/2008	12:10
A8F08204	B8	WATER	11/25/2008	09:10	11/25/2008	12:10
A8F08205	MWF2	WATER	11/25/2008	09:00	11/25/2008	12:10
A8F08206	MWF3	WATER	11/25/2008	08:55	11/25/2008	12:10
A8F08207	MWF4	WATER	11/25/2008	09:05	11/25/2008	12:10
A8F08208	PS-1	WATER	11/25/2008	08:45	11/25/2008	12:10

## METHODS SUMMARY

Job#: A08-F082Project#: NY5A9483Site Name: Bristol Myers Monthly Discharge

PARAMETER	ANALYTICAL METHOD
BTEX-8021 Bristol Myers	SW8463 8021
pH	SM20 4500-H+ B

References:

- SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.
- SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

## SDG NARRATIVE

Job#: A08-F082Project#: NY5A9483  
Site Name: Bristol Myers Monthly DischargeGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-F082

Sample Cooler(s) were received at the following temperature(s); 5.0 °C  
All samples were received in good condition.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

\*\*\*\*\*

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MWF2	A8F08205	8021	20.00	008
MWF2	A8F08205MS	8021	20.00	008
MWF2	A8F08205SD	8021	20.00	008
MWF4	A8F08207	8021	5.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other



## DATA QUALIFIER PAGE

*These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.*

### ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

\* Indicates analysis is not within the quality control limits.

### INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit

\* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: B3  
Lab Sample ID: A8F08201  
Date Collected: 11/25/2008  
Time Collected: 08:50

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	ND		0.20	UG/L	8021	12/01/2008	14:44	LMW
Ethylbenzene	ND		0.20	UG/L	8021	12/01/2008	14:44	LMW
m/p-Xylenes	ND		0.40	UG/L	8021	12/01/2008	14:44	LMW
o-Xylene	ND		0.20	UG/L	8021	12/01/2008	14:44	LMW
Toluene	ND		0.20	UG/L	8021	12/01/2008	14:44	LMW
Wet Chemistry Analysis								
pH	8.0		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Sample ID: B6  
Lab Sample ID: A8F08202  
Date Collected: 11/25/2008  
Time Collected: 09:15

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	ND		0.20	UG/L	8021	12/01/2008	15:16	LMW
Ethylbenzene	ND		0.20	UG/L	8021	12/01/2008	15:16	LMW
m/p-Xylenes	ND		0.40	UG/L	8021	12/01/2008	15:16	LMW
o-Xylene	ND		0.20	UG/L	8021	12/01/2008	15:16	LMW
Toluene	ND		0.20	UG/L	8021	12/01/2008	15:16	LMW
Wet Chemistry Analysis								
pH	7.4		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Sample ID: B7  
Lab Sample ID: A8F08203  
Date Collected: 11/25/2008  
Time Collected: 09:20

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	43		0.20	UG/L	8021	12/01/2008	15:48	LMW
Ethylbenzene	0.74		0.20	UG/L	8021	12/01/2008	15:48	LMW
m/p-Xylenes	ND		0.40	UG/L	8021	12/01/2008	15:48	LMW
o-Xylene	0.27		0.20	UG/L	8021	12/01/2008	15:48	LMW
Toluene	0.22		0.20	UG/L	8021	12/01/2008	15:48	LMW
Wet Chemistry Analysis								
pH	7.0		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP



Sample ID: B8  
Lab Sample ID: A8F08204  
Date Collected: 11/25/2008  
Time Collected: 09:10

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time			Analyst
			Limit	Units	Method	Analyzed			
BTEX-8021 BRISTOL MYERS									
Benzene	0.79	J	0.20	UG/L	8021	12/05/2008	14:22	LMW	
Ethylbenzene	0.41		0.20	UG/L	8021	12/05/2008	14:22	LMW	
m/p-Xylenes	0.22		0.40	UG/L	8021	12/05/2008	14:22	LMW	
o-Xylene	0.30		0.20	UG/L	8021	12/05/2008	14:22	LMW	
Toluene	ND		0.20	UG/L	8021	12/05/2008	14:22	LMW	
Wet Chemistry Analysis									
pH	7.3		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP	

Sample ID: MWF2  
Lab Sample ID: A8F08205  
Date Collected: 11/25/2008  
Time Collected: 09:00

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	12		4.0	UG/L	8021	12/01/2008	16:52	LMW
Ethylbenzene	18		4.0	UG/L	8021	12/01/2008	16:52	LMW
m/p-Xylenes	200		8.0	UG/L	8021	12/01/2008	16:52	LMW
o-Xylene	150		4.0	UG/L	8021	12/01/2008	16:52	LMW
Toluene	5.1		4.0	UG/L	8021	12/01/2008	16:52	LMW
Wet Chemistry Analysis								
pH	6.5		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Sample ID: MWF3  
Lab Sample ID: A8F08206  
Date Collected: 11/25/2008  
Time Collected: 08:55

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	ND	J	0.20	UG/L	8021	12/01/2008	17:23	LMW
Ethylbenzene	0.24		0.20	UG/L	8021	12/01/2008	17:23	LMW
m/p-Xylenes	0.33		0.40	UG/L	8021	12/01/2008	17:23	LMW
o-Xylene	0.54		0.20	UG/L	8021	12/01/2008	17:23	LMW
Toluene	ND		0.20	UG/L	8021	12/01/2008	17:23	LMW
Wet Chemistry Analysis								
pH	7.0		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Sample ID: MWF4  
Lab Sample ID: A8F08207  
Date Collected: 11/25/2008  
Time Collected: 09:05

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	31		1.0	UG/L	8021	12/01/2008	18:26	LMW
Ethylbenzene	19		1.0	UG/L	8021	12/01/2008	18:26	LMW
m/p-Xylenes	51		2.0	UG/L	8021	12/01/2008	18:26	LMW
o-Xylene	77		1.0	UG/L	8021	12/01/2008	18:26	LMW
Toluene	2.2		1.0	UG/L	8021	12/01/2008	18:26	LMW
Wet Chemistry Analysis								
pH	7.3		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Sample ID: PS-1  
Lab Sample ID: A8F08208  
Date Collected: 11/25/2008  
Time Collected: 08:45

Date Received: 11/25/2008  
Project No: NY5A9483  
Client No: L11071  
Site No: BRIST

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
BTEX-8021 BRISTOL MYERS								
Benzene	ND		0.20	UG/L	8021	12/01/2008	18:59	LMW
Ethylbenzene	ND		0.20	UG/L	8021	12/01/2008	18:59	LMW
m/p-Xylenes	ND		0.40	UG/L	8021	12/01/2008	18:59	LMW
o-Xylene	ND		0.20	UG/L	8021	12/01/2008	18:59	LMW
Toluene	ND		0.20	UG/L	8021	12/01/2008	18:59	LMW
Wet Chemistry Analysis								
pH	7.1		0.50	S.U.	4500-H+ B	11/25/2008	19:40	RJP

Serial or COC #:

<b>STL</b> <b>ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD</b> <b>STL Buffalo</b>		<b>STL Buffalo</b> 10 Hazelwood Drive, Suite 106 Amherst, NY 14228 Pb: 716-691-2600 Fax: 716-691-7991 Website: www.stl-inc.com		STL JOB/LOG #: Possible Hazards: Sample Disposal:	
<b>PROJECT &amp; CLIENT INFORMATION</b> PROJECT REFERENCE NAME: Bristol-Meyers Squibb STL (LAB) PROJECT MANAGER: Paul Morrow CLIENT (SITE) PM: Chris Schifferli CLIENT NAME: Groundwater & Environmental Services, Inc. CLIENT ADDRESS: 90 Sonwil Drive Cheektowatch, NY 14225 158 Sonwil Drive Cheektowatch, NY 14225 Client Signature & Initials:		<b>PROJECT STATE</b> PROJECT NO. NY CONTRACT/QUOTE NO. CLIENT PHONE: 716-706-0074 CLIENT FAX: 716-706-0078 CLIENT EMAIL: CSCHIFFERLI@GESONLINE.COM		REQUIRED ANALYSES Final Report Type (Circle at least one): III IV Custom per GAP TAT/DATE DUE EXPEDITED REPORT (circle one) FAX EMAIL POST Other TAT/DATE DUE or Per GAP/Project NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
<b>LABORATORY SAMPLE ID</b> SAMPLE TYPE FIELD FILTERED MATRIX		BTX PH		PAGE 1 OF 1	
SAMPLED ON DATE TIME 11-25-08 0850 11-25-08 0915 11-25-08 0920 11-25-08 0910 11-25-08 0845 11-25-08 0900 11-25-08 0855 11-25-08 0905		SAMPLE IDENTIFICATION B-3 B-6 B-7 B-8 PS-1 MW-F2 MW-F3 MW-F4		NUMBER OF CONTAINERS SUBMITTED (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic (3) 40ml VOA's (1) 40z. Plastic	
RELINQUISHED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE) DATE TIME 11-25-08 1030 11-25-08 1210		RELINQUISHED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE) DATE TIME DATE TIME		REMARKS	
RECEIVED FOR LABORATORY BY: (SIGNATURE) DATE TIME		CUSTODY INTACT YES NO YES NO		CUSTODY SEAL NO YES NO	
LABORATORY REMARKS:		LABORATORY USE ONLY			

5.0