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November 19, 2009

Mr. David Dorian  
U.S. EPA, Region 4  
On-Scene Coordinator  
61 Forsyth Street, S.W. (11th Floor)  
Atlanta, Georgia 30303

RE: Mills Gap Groundwater Contamination Site  
CERCLA Docket No. CER-04-2004-3755  
Monthly Progress Report, Number 66  
Near Skyland, Buncombe County, North Carolina  
MACTEC Project 6690-03-9450

Dear Mr. Dorian:

In accordance with the Administrative Order on Consent (AOC) and Scope of Work for the removal action at the Mills Gap Groundwater Contamination Site, enclosed for your review is the progress report for the month of October 2009.

If you have any questions, please feel free to call either Marv Gobles at (574) 293-7511, or me at (828) 252-8130.

Sincerely,

A handwritten signature in cursive script that reads "Matthew E. Wallace", followed by a horizontal line.

Matthew E. Wallace, P.E.  
Project Coordinator

Attachments

cc: Marvin Gobles, CTS Corporation  
Elizabeth Bottorff Ahlemann, CTS Corporation  
Michael F. Dolan, Esq., Jones Day  
William Clarke, Robert & Stevens, P.A.



# **Mills Gap Groundwater Contamination Site**

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## **Monthly Progress Report**

**Reporting Period: October 2009**

**CERCLA Docket No. CER-04-2004-3755**

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This monthly report has been prepared in accordance with requirements specified in the Scope of Work (SOW) contained in the Administrative Order on Consent (AOC) for Removal Action issued by the USEPA.

### **1) Significant developments during the preceding period:**

- On October 29, 2009, MACTEC submitted the September 2009 monthly progress report to USEPA.
- Operational and maintenance activities were performed and an air sample was collected from the soil vapor extraction (SVE) system discharge on September 22, 2009. An estimated 70 pounds of volatile organic compounds (VOCs) were removed by the SVE system in September 2009.
- Activities related to implementing the Supplemental Removal Action Plan were performed including collection of monthly pilot study spring and surface water samples and operational and maintenance activities related to the ozone pilot study equipment. The pilot study period was extended.

### **2) Developments from the present reporting period:**

- Operational and maintenance activities were performed and an air sample was collected from the SVE system discharge on October 21, 2009. The SVE system operated for approximately 477 hours during the month of October 2009. An estimated 54 pounds of VOCs were removed by the SVE system in October 2009. There is an overall decreasing concentration trend of VOCs since the system's initial operation, as anticipated. Analytical data from the SVE air discharge sampling performed during the period includes:
  - SGS Environmental Services, Inc. Report G132-2116, dated November 10, 2009 (sample collected October 21, 2009).
- An estimated 6,433 pounds of VOCs have been removed by the SVE system since its initial operation on July 20, 2006.
- The following activities related to implementing the Supplemental Removal Action Plan were performed:
  - Collection of monthly spring and surface water samples; and
  - Operational and maintenance activities related to the ozone pilot study equipment.
- Analytical data from the ozone pilot study received during this period includes:
  - Prism Laboratories, Inc. Report G1009063, dated October 14, 2009. Sample identifications referenced in the laboratory report correspond to the historically-established sampling locations described in previous monthly status reports.

### **3) Developments anticipated during the next reporting period:**

- Monthly scheduled operational and maintenance activities will be performed for the SVE system.
- Monthly air sampling of the SVE system air discharge will be performed.
- Scheduled operational and maintenance activities related to the ozone pilot study will be performed.
- Monthly spring and surface water sampling related to the ozone injection pilot study will be performed.





Susan Kelly  
Mactec  
1308C Patton Ave.  
Asheville, NC 28806

Report Number: G132-2116

Client Project: Mills Gap

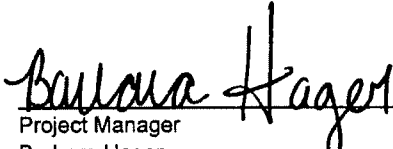
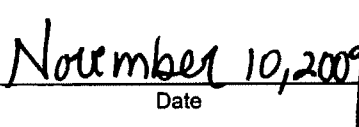
Dear Susan Kelly,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,  
SGS North America, Inc.

   
Project Manager \_\_\_\_\_ Date \_\_\_\_\_  
Barbara Hager

**Case Narrative**

Mactec

SGS Project: **G132-2116**

Project Name: **Mills Gap**

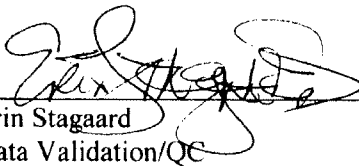
**SGS North America, Inc.**

**November 10<sup>th</sup>, 2009**

- The air samples were accepted into the laboratory on October 23<sup>rd</sup>, 2009 at 1100 for analyses as indicated on the chain of custody. The samples were received in good condition, with an ambient temperature of 18.4°C.
- All extractions and analyses were completed within holding time limits, with the following quality control exceptions.

Volatiles GC/MS Analysis

- Benzene was detected in both the initial and breakthrough sample. It was also detected in the associated method blank at a similar concentration indicating laboratory contamination. Due to sample matrix, a re-analysis was not performed.

  
Erin Stagaard  
Data Validation/QC

Date 10/10/09

SGS North America, Inc.  
List of Reporting Abbreviations  
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are  $10\% < \%R < LCL$ ; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

SGS North America, Inc.

**Results for Volatiles in Air**  
by GC/MS

Client Sample ID: MG-48A 10/21/09  
Client Project ID: Mills Gap  
Lab Sample ID: G132-2116-1A  
Lab Project ID: G132-2116

Analyzed By: EAW  
Date Collected: 10/21/2009 17:52  
Date Received: 10/23/2009  
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed	
Benzene	11.9	1	1	11/4/2009	B
Bromochloromethane	BQL	1	1	11/4/2009	
Bromodichloromethane	BQL	1	1	11/4/2009	
Bromoform	BQL	1	1	11/4/2009	
Carbon tetrachloride	BQL	1	1	11/4/2009	
Chlorobenzene	BQL	1	1	11/4/2009	
Chloroform	BQL	1	1	11/4/2009	
Dibromochloromethane	BQL	1	1	11/4/2009	
1,2-Dibromoethane (EDB)	BQL	1	1	11/4/2009	
1,2-Dichlorobenzene	BQL	1	1	11/4/2009	
1,3-Dichlorobenzene	BQL	1	1	11/4/2009	
1,4-Dichlorobenzene	BQL	1	1	11/4/2009	
1,1-Dichloroethane	BQL	1	1	11/4/2009	
1,1-Dichloroethene	BQL	1	1	11/4/2009	
1,2-Dichloroethane	BQL	1	1	11/4/2009	
cis-1,2-Dichloroethene	BQL	1	1	11/4/2009	
trans-1,2-dichloroethene	BQL	1	1	11/4/2009	
1,2-Dichloropropane	BQL	1	1	11/4/2009	
cis-1,3-Dichloropropene	BQL	1	1	11/4/2009	
trans-1,3-Dichloropropene	BQL	1	1	11/4/2009	
Diisopropyl ether	BQL	1	1	11/4/2009	
Ethylbenzene	BQL	1	1	11/4/2009	
Methyl-tert-butyl ether	BQL	1	1	11/4/2009	
Styrene	BQL	1	1	11/4/2009	
1,1,2,2-Tetrachloroethane	BQL	1	1	11/4/2009	
Tetrachloroethene	BQL	1	1	11/4/2009	
Toluene	BQL	1	1	11/4/2009	
Trichloroethene	71.6	1	1	11/4/2009	
1,1,1-Trichloroethane	4.34	1	1	11/4/2009	
1,1,2-Trichloroethane	BQL	1	1	11/4/2009	
m-,p-Xylene	BQL	2	1	11/4/2009	
o-Xylene	BQL	1	1	11/4/2009	

**Comments:**

Quantitation at 25°C and 1 atm.

**Flags:**

BQL = Below quantitation limit.

Reviewed By: 



SGS North America, Inc.

**Results for Volatiles in Air**  
by GC/MS

Client Sample ID: MG-48B 10/21/09  
Client Project ID: Mills Gap  
Lab Sample ID: G132-2116-2A  
Lab Project ID: G132-2116

Analyzed By: EAW  
Date Collected: 10/21/2009 17:52  
Date Received: 10/23/2009  
Matrix: Air

Compound	Result mg/m3	Quantitation Limit mg/m3	Dilution Factor	Date Analyzed	
Benzene	4.72	0.4	1	11/4/2009	B
Bromochloromethane	BQL	0.4	1	11/4/2009	
Bromodichloromethane	BQL	0.4	1	11/4/2009	
Bromoform	BQL	0.4	1	11/4/2009	
Carbon tetrachloride	BQL	0.4	1	11/4/2009	
Chlorobenzene	BQL	0.4	1	11/4/2009	
Chloroform	BQL	0.4	1	11/4/2009	
Dibromochloromethane	BQL	0.4	1	11/4/2009	
1,2-Dibromoethane (EDB)	BQL	0.4	1	11/4/2009	
1,2-Dichlorobenzene	BQL	0.4	1	11/4/2009	
1,3-Dichlorobenzene	BQL	0.4	1	11/4/2009	
1,4-Dichlorobenzene	BQL	0.4	1	11/4/2009	
1,1-Dichloroethane	BQL	0.4	1	11/4/2009	
1,1-Dichloroethene	BQL	0.4	1	11/4/2009	
1,2-Dichloroethane	BQL	0.4	1	11/4/2009	
cis-1,2-Dichloroethene	BQL	0.4	1	11/4/2009	
trans-1,2-dichloroethene	BQL	0.4	1	11/4/2009	
1,2-Dichloropropane	BQL	0.4	1	11/4/2009	
cis-1,3-Dichloropropene	BQL	0.4	1	11/4/2009	
trans-1,3-Dichloropropene	BQL	0.4	1	11/4/2009	
Diisopropyl ether	BQL	0.4	1	11/4/2009	
Ethylbenzene	BQL	0.4	1	11/4/2009	
Methyl-tert-butyl ether	BQL	0.4	1	11/4/2009	
Styrene	BQL	0.4	1	11/4/2009	
1,1,2,2-Tetrachloroethane	BQL	0.4	1	11/4/2009	
Tetrachloroethene	BQL	0.4	1	11/4/2009	
Toluene	BQL	0.4	1	11/4/2009	
Trichloroethene	BQL	0.4	1	11/4/2009	
1,1,1-Trichloroethane	BQL	0.4	1	11/4/2009	
1,1,2-Trichloroethane	BQL	0.4	1	11/4/2009	
m-,p-Xylene	BQL	0.8	1	11/4/2009	
o-Xylene	BQL	0.4	1	11/4/2009	

**Comments:**

Quantitation at 25°C and 1 atm.

**Flags:**

BQL = Below quantitation limit.

Reviewed By: 

**Results for Total Petroleum Hydrocarbons**  
by GC/FID 8015

Client Sample ID: MG-48A (and B) -10/21/09  
Client Project ID: Mills Gap  
Lab Sample ID: G132-2116-3 and -4  
Lab Project ID: G132-2116


Analyzed By: BWS  
Date Collected: 10/21/2009 18:05  
Date Received: 10/23/2009  
Matrix: Air

Analyte	Result mg/m <sup>3</sup>	RL mg/m <sup>3</sup>	Prep Method	Dilution Factor	Date Analyzed
Initial Tube:					
Diesel Range Organics	12.6	10	MM18	1	11/05/09

Analyte	Result mg/m <sup>3</sup>	RL mg/m <sup>3</sup>	Prep Method	Dilution Factor	Date Analyzed
Breakthrough tube:					
Diesel Range Organics	BQL	4	MM18	1	11/05/09

Comments:

Flags:

Reviewed By:   
DRO\_Air XLS



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- Hawaii
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- North Carolina

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White - Retained by Lab  
 Yellow - Returned with Report  
 Pink - Retained by Sampler





**PRISM**  
LABORATORIES, INC.

## Case Narrative

**Date:** 10/14/09  
**Company:** MACTEC Eng. & Consulting, Inc  
**Contact:** Susan Kelly  
**Address:** 1308 Patton Avenue  
Asheville, NC 28806

**Client Project ID:** Mills Gap  
**Prism COC Group No:** G1009063  
**Collection Date(s):** 10/01/09  
**Lab Submittal Date(s):** 10/03/09

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 36 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

### Semi Volatile Analysis

N/A

### Volatile Analysis

No Anomalies Reported

### Metals Analysis

N/A

### Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

**Data Reviewed by:** Steven H. Guptill

**Project Manager:** Steven H. Guptill

**Signature:**

**Signature:**

**Review Date:**

10/14/09

**Approval Date:**

10/14/09

### **Data Qualifiers Key Reference:**

- B: Compound also detected in the method blank.
- #: Result outside of the QC limits.
- DO: Compound diluted out.
- E: Estimated concentration, calibration range exceeded.
- J: The analyte was positively identified but the value is estimated below the reporting limit.
- H: Estimated concentration with a high bias.
- L: Estimated concentration with a low bias.
- M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-01DS  
Prism Sample ID: 259671  
COC Group: G1009063  
Time Collected: 10/01/09 15:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	1.0	0.087	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.053	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.071	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.092	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1-Dichloroethane	0.69 J	µg/L	1.0	0.053	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1-Dichloroethene	BRL	µg/L	1.0	0.046	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,1-Dichloropropene	BRL	µg/L	1.0	0.089	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.23	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2,3-Trichloropropane	BRL	µg/L	1.0	0.15	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	1.0	0.28	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	1.0	0.14	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.37	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.11	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.094	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2-Dichloroethane	BRL	µg/L	1.0	0.072	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,2-Dichloropropane	BRL	µg/L	1.0	0.081	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	1.0	0.081	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.10	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,3-Dichloropropane	BRL	µg/L	1.0	0.062	1	8260B	10/08/09 2:45	Iwtry	Q45025
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.092	1	8260B	10/08/09 2:45	Iwtry	Q45025
2,2-Dichloropropane	BRL	µg/L	2.0	0.21	1	8260B	10/08/09 2:45	Iwtry	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.37	1	8260B	10/08/09 2:45	Iwtry	Q45025
2-Chlorotoluene	BRL	µg/L	1.0	0.090	1	8260B	10/08/09 2:45	Iwtry	Q45025
2-Hexanone	BRL	µg/L	5.0	0.20	1	8260B	10/08/09 2:45	Iwtry	Q45025
4-Chlorotoluene	BRL	µg/L	1.0	0.13	1	8260B	10/08/09 2:45	Iwtry	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	5.0	0.93	1	8260B	10/08/09 2:45	Iwtry	Q45025
Acetone	BRL	µg/L	10	1.0	1	8260B	10/08/09 2:45	Iwtry	Q45025

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap  
 Sample Matrix: Water

Client Sample ID: Spring-01DS  
 Prism Sample ID: 259671  
 COC Group: G1009063  
 Time Collected: 10/01/09 15:55  
 Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	100	1.4	1	8260B	10/08/09 2:45	Iwity	Q45025
Acrylonitrile	BRL	µg/L	100	1.4	1	8260B	10/08/09 2:45	Iwity	Q45025
Benzene	BRL	µg/L	1.0	0.044	1	8260B	10/08/09 2:45	Iwity	Q45025
Bromobenzene	BRL	µg/L	1.0	0.098	1	8260B	10/08/09 2:45	Iwity	Q45025
Bromochloromethane	BRL	µg/L	1.0	0.14	1	8260B	10/08/09 2:45	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	1.0	0.076	1	8260B	10/08/09 2:45	Iwity	Q45025
Bromoform	BRL	µg/L	1.0	0.039	1	8260B	10/08/09 2:45	Iwity	Q45025
Bromomethane	BRL	µg/L	3.0	0.27	1	8260B	10/08/09 2:45	Iwity	Q45025
Carbon disulfide	BRL	µg/L	5.0	0.37	1	8260B	10/08/09 2:45	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	2.0	0.11	1	8260B	10/08/09 2:45	Iwity	Q45025
Chlorobenzene	BRL	µg/L	1.0	0.050	1	8260B	10/08/09 2:45	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	1.0	0.070	1	8260B	10/08/09 2:45	Iwity	Q45025
Chloroethane	BRL	µg/L	5.0	0.22	1	8260B	10/08/09 2:45	Iwity	Q45025
Chloroform	BRL	µg/L	1.0	0.049	1	8260B	10/08/09 2:45	Iwity	Q45025
Chloromethane	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 2:45	Iwity	Q45025
cis-1,2-Dichloroethene	6.2	µg/L	1.0	0.054	1	8260B	10/08/09 2:45	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.070	1	8260B	10/08/09 2:45	Iwity	Q45025
Dibromomethane	BRL	µg/L	1.0	0.21	1	8260B	10/08/09 2:45	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 2:45	Iwity	Q45025
Ethylbenzene	BRL	µg/L	1.0	0.085	1	8260B	10/08/09 2:45	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 2:45	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	1.0	0.076	1	8260B	10/08/09 2:45	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	1.0	0.10	1	8260B	10/08/09 2:45	Iwity	Q45025
m,p-Xylenes	BRL	µg/L	2.0	0.13	1	8260B	10/08/09 2:45	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.95	1	8260B	10/08/09 2:45	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	1.0	0.11	1	8260B	10/08/09 2:45	Iwity	Q45025
Methylene chloride	BRL	µg/L	2.0	0.081	1	8260B	10/08/09 2:45	Iwity	Q45025

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# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-01DS  
Prism Sample ID: 259671  
COC Group: G1009063  
Time Collected: 10/01/09 15:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	1.0	0.24	1	8260B	10/08/09 2:45	Iwity	Q45025
n-Propylbenzene	BRL	µg/L	1.0	0.087	1	8260B	10/08/09 2:45	Iwity	Q45025
Naphthalene	BRL	µg/L	1.0	0.23	1	8260B	10/08/09 2:45	Iwity	Q45025
o-Xylene	BRL	µg/L	1.0	0.059	1	8260B	10/08/09 2:45	Iwity	Q45025
p-Isopropyltoluene	BRL	µg/L	1.0	0.14	1	8260B	10/08/09 2:45	Iwity	Q45025
sec-Butylbenzene	BRL	µg/L	1.0	0.12	1	8260B	10/08/09 2:45	Iwity	Q45025
Styrene	BRL	µg/L	1.0	0.051	1	8260B	10/08/09 2:45	Iwity	Q45025
tert-Butylbenzene	BRL	µg/L	1.0	0.074	1	8260B	10/08/09 2:45	Iwity	Q45025
Tetrachloroethene	BRL	µg/L	1.0	0.12	1	8260B	10/08/09 2:45	Iwity	Q45025
Toluene	BRL	µg/L	1.0	0.064	1	8260B	10/08/09 2:45	Iwity	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.066	1	8260B	10/08/09 2:45	Iwity	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.17	1	8260B	10/08/09 2:45	Iwity	Q45025
Trichloroethene	5.9	µg/L	2.0	0.073	1	8260B	10/08/09 2:45	Iwity	Q45025
Trichlorofluoromethane	BRL	µg/L	2.0	0.31	1	8260B	10/08/09 2:45	Iwity	Q45025
Vinyl acetate	BRL	µg/L	20	1.8	1	8260B	10/08/09 2:45	Iwity	Q45025
Vinyl chloride	BRL	µg/L	2.0	0.28	1	8260B	10/08/09 2:45	Iwity	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	100	75 - 121
Dibromofluoromethane	100	74 - 133
Bromofluorobenzene	101	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-01DS  
Prism Sample ID: 259671  
COC Group: G1009063  
Time Collected: 10/01/09 15:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-02  
Prism Sample ID: 259672  
COC Group: G1009063  
Time Collected: 10/01/09 16:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	100	8.7	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1,1-Trichloroethane	810	µg/L	100	5.3	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	100	7.1	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1,2-Trichloroethane	BRL	µg/L	100	9.2	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1-Dichloroethane	BRL	µg/L	100	5.3	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1-Dichloroethene	120	µg/L	100	4.6	100	8260B	10/08/09 6:44	Iwity	Q45025
1,1-Dichloropropene	BRL	µg/L	100	8.9	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	200	23	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2,3-Trichloropropane	BRL	µg/L	100	15	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	100	28	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2,4-Trimethylbenzene	63 J	µg/L	100	14	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	200	37	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	100	11	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2-Dichlorobenzene	BRL	µg/L	100	9.4	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2-Dichloroethane	BRL	µg/L	100	7.2	100	8260B	10/08/09 6:44	Iwity	Q45025
1,2-Dichloropropane	BRL	µg/L	100	8.1	100	8260B	10/08/09 6:44	Iwity	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	100	8.1	100	8260B	10/08/09 6:44	Iwity	Q45025
1,3-Dichlorobenzene	BRL	µg/L	100	10	100	8260B	10/08/09 6:44	Iwity	Q45025
1,3-Dichloropropane	BRL	µg/L	100	6.2	100	8260B	10/08/09 6:44	Iwity	Q45025
1,4-Dichlorobenzene	BRL	µg/L	100	9.2	100	8260B	10/08/09 6:44	Iwity	Q45025
2,2-Dichloropropane	BRL	µg/L	200	22	100	8260B	10/08/09 6:44	Iwity	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	200	37	100	8260B	10/08/09 6:44	Iwity	Q45025
2-Chlorotoluene	BRL	µg/L	100	9.0	100	8260B	10/08/09 6:44	Iwity	Q45025
2-Hexanone	BRL	µg/L	500	20	100	8260B	10/08/09 6:44	Iwity	Q45025
4-Chlorotoluene	BRL	µg/L	100	13	100	8260B	10/08/09 6:44	Iwity	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	500	93	100	8260B	10/08/09 6:44	Iwity	Q45025
Acetone	BRL	µg/L	1000	100	100	8260B	10/08/09 6:44	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

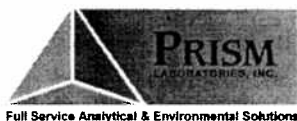
Client Sample ID: Spring-02  
Prism Sample ID: 259672  
COC Group: G1009063  
Time Collected: 10/01/09 16:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	10000	140	100	8260B	10/08/09 6:44	Iwity	Q45025
Acrylonitrile	BRL	µg/L	10000	140	100	8260B	10/08/09 6:44	Iwity	Q45025
Benzene	64 J	µg/L	100	4.4	100	8260B	10/08/09 6:44	Iwity	Q45025
Bromobenzene	BRL	µg/L	100	9.8	100	8260B	10/08/09 6:44	Iwity	Q45025
Bromochloromethane	BRL	µg/L	100	14	100	8260B	10/08/09 6:44	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	100	7.6	100	8260B	10/08/09 6:44	Iwity	Q45025
Bromoform	BRL	µg/L	100	3.9	100	8260B	10/08/09 6:44	Iwity	Q45025
Bromomethane	BRL	µg/L	300	27	100	8260B	10/08/09 6:44	Iwity	Q45025
Carbon disulfide	BRL	µg/L	500	37	100	8260B	10/08/09 6:44	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	200	11	100	8260B	10/08/09 6:44	Iwity	Q45025
Chlorobenzene	BRL	µg/L	100	5.0	100	8260B	10/08/09 6:44	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	100	7.0	100	8260B	10/08/09 6:44	Iwity	Q45025
Chloroethane	BRL	µg/L	500	22	100	8260B	10/08/09 6:44	Iwity	Q45025
Chloroform	BRL	µg/L	100	4.9	100	8260B	10/08/09 6:44	Iwity	Q45025
Chloromethane	BRL	µg/L	200	30	100	8260B	10/08/09 6:44	Iwity	Q45025
cis-1,2-Dichloroethene	730	µg/L	100	5.4	100	8260B	10/08/09 6:44	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	100	7.0	100	8260B	10/08/09 6:44	Iwity	Q45025
Dibromomethane	BRL	µg/L	100	21	100	8260B	10/08/09 6:44	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	200	31	100	8260B	10/08/09 6:44	Iwity	Q45025
Ethylbenzene	BRL	µg/L	100	8.5	100	8260B	10/08/09 6:44	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	200	30	100	8260B	10/08/09 6:44	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	100	7.6	100	8260B	10/08/09 6:44	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	100	10	100	8260B	10/08/09 6:44	Iwity	Q45025
m,p-Xylenes	90 J	µg/L	200	13	100	8260B	10/08/09 6:44	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	500	95	100	8260B	10/08/09 6:44	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	100	11	100	8260B	10/08/09 6:44	Iwity	Q45025
Methylene chloride	BRL	µg/L	200	8.1	100	8260B	10/08/09 6:44	Iwity	Q45025

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NC Certification No. 402  
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NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-02  
Prism Sample ID: 259672  
COC Group: G1009063  
Time Collected: 10/01/09 16:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	100	24	100	8260B	10/08/09 6:44	Iwity	Q45025
n-Propylbenzene	BRL	µg/L	100	8.7	100	8260B	10/08/09 6:44	Iwity	Q45025
Naphthalene	170	µg/L	100	23	100	8260B	10/08/09 6:44	Iwity	Q45025
o-Xylene	100	µg/L	100	5.9	100	8260B	10/08/09 6:44	Iwity	Q45025
p-Isopropyltoluene	BRL	µg/L	100	14	100	8260B	10/08/09 6:44	Iwity	Q45025
sec-Butylbenzene	BRL	µg/L	100	12	100	8260B	10/08/09 6:44	Iwity	Q45025
Styrene	BRL	µg/L	100	5.1	100	8260B	10/08/09 6:44	Iwity	Q45025
tert-Butylbenzene	BRL	µg/L	100	7.4	100	8260B	10/08/09 6:44	Iwity	Q45025
Tetrachloroethene	BRL	µg/L	100	12	100	8260B	10/08/09 6:44	Iwity	Q45025
Toluene	BRL	µg/L	100	6.4	100	8260B	10/08/09 6:44	Iwity	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	200	6.6	100	8260B	10/08/09 6:44	Iwity	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	100	17	100	8260B	10/08/09 6:44	Iwity	Q45025
Trichloroethene	17000	µg/L	2000	73	1000	8260B	10/08/09 3:38	Iwity	Q45025
Trichlorofluoromethane	BRL	µg/L	200	31	100	8260B	10/08/09 6:44	Iwity	Q45025
Vinyl acetate	BRL	µg/L	2000	180	100	8260B	10/08/09 6:44	Iwity	Q45025
Vinyl chloride	BRL	µg/L	200	28	100	8260B	10/08/09 6:44	Iwity	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	98	75 - 121
Dibromofluoromethane	96	74 - 133
Bromofluorobenzene	97	69 - 139

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NC Certification No. 402  
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NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-02  
Prism Sample ID: 259672  
COC Group: G1009063  
Time Collected: 10/01/09 16:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-03  
Prism Sample ID: 259673  
COC Group: G1009063  
Time Collected: 10/01/09 17:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	40	3.5	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1,1-Trichloroethane	86	µg/L	40	2.1	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	40	2.8	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1,2-Trichloroethane	BRL	µg/L	40	3.7	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1-Dichloroethane	BRL	µg/L	40	2.1	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1-Dichloroethene	32 J	µg/L	40	1.8	40	8260B	10/08/09 7:11	Iwity	Q45025
1,1-Dichloropropene	BRL	µg/L	40	3.6	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	80	9.4	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2,3-Trichloropropane	BRL	µg/L	40	5.9	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	40	11	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	40	5.6	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	80	15	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	40	4.4	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2-Dichlorobenzene	BRL	µg/L	40	3.8	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2-Dichloroethane	BRL	µg/L	40	2.9	40	8260B	10/08/09 7:11	Iwity	Q45025
1,2-Dichloropropane	BRL	µg/L	40	3.2	40	8260B	10/08/09 7:11	Iwity	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	40	3.2	40	8260B	10/08/09 7:11	Iwity	Q45025
1,3-Dichlorobenzene	BRL	µg/L	40	4.0	40	8260B	10/08/09 7:11	Iwity	Q45025
1,3-Dichloropropane	BRL	µg/L	40	2.5	40	8260B	10/08/09 7:11	Iwity	Q45025
1,4-Dichlorobenzene	BRL	µg/L	40	3.7	40	8260B	10/08/09 7:11	Iwity	Q45025
2,2-Dichloropropane	BRL	µg/L	80	8.6	40	8260B	10/08/09 7:11	Iwity	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	80	15	40	8260B	10/08/09 7:11	Iwity	Q45025
2-Chlorotoluene	BRL	µg/L	40	3.6	40	8260B	10/08/09 7:11	Iwity	Q45025
2-Hexanone	BRL	µg/L	200	8.1	40	8260B	10/08/09 7:11	Iwity	Q45025
4-Chlorotoluene	BRL	µg/L	40	5.1	40	8260B	10/08/09 7:11	Iwity	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	200	37	40	8260B	10/08/09 7:11	Iwity	Q45025
Acetone	BRL	µg/L	400	40	40	8260B	10/08/09 7:11	Iwity	Q45025

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NC Certification No. 402  
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# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-03  
Prism Sample ID: 259673  
COC Group: G1009063  
Time Collected: 10/01/09 17:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	4000	57	40	8260B	10/08/09 7:11	Iwity	Q45025
Acrylonitrile	BRL	µg/L	4000	55	40	8260B	10/08/09 7:11	Iwity	Q45025
Benzene	BRL	µg/L	40	1.8	40	8260B	10/08/09 7:11	Iwity	Q45025
Bromobenzene	BRL	µg/L	40	3.9	40	8260B	10/08/09 7:11	Iwity	Q45025
Bromochloromethane	BRL	µg/L	40	5.6	40	8260B	10/08/09 7:11	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	40	3.0	40	8260B	10/08/09 7:11	Iwity	Q45025
Bromoform	BRL	µg/L	40	1.6	40	8260B	10/08/09 7:11	Iwity	Q45025
Bromomethane	BRL	µg/L	120	11	40	8260B	10/08/09 7:11	Iwity	Q45025
Carbon disulfide	BRL	µg/L	200	15	40	8260B	10/08/09 7:11	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	80	4.3	40	8260B	10/08/09 7:11	Iwity	Q45025
Chlorobenzene	BRL	µg/L	40	2.0	40	8260B	10/08/09 7:11	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	40	2.8	40	8260B	10/08/09 7:11	Iwity	Q45025
Chloroethane	BRL	µg/L	200	8.9	40	8260B	10/08/09 7:11	Iwity	Q45025
Chloroform	BRL	µg/L	40	2.0	40	8260B	10/08/09 7:11	Iwity	Q45025
Chloromethane	BRL	µg/L	80	12	40	8260B	10/08/09 7:11	Iwity	Q45025
cis-1,2-Dichloroethene	BRL	µg/L	40	2.2	40	8260B	10/08/09 7:11	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	40	2.8	40	8260B	10/08/09 7:11	Iwity	Q45025
Dibromomethane	BRL	µg/L	40	8.4	40	8260B	10/08/09 7:11	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	80	12	40	8260B	10/08/09 7:11	Iwity	Q45025
Ethylbenzene	BRL	µg/L	40	3.4	40	8260B	10/08/09 7:11	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	80	12	40	8260B	10/08/09 7:11	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	40	3.0	40	8260B	10/08/09 7:11	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	40	4.2	40	8260B	10/08/09 7:11	Iwity	Q45025
m,p-Xylenes	BRL	µg/L	80	5.3	40	8260B	10/08/09 7:11	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	200	38	40	8260B	10/08/09 7:11	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	40	4.4	40	8260B	10/08/09 7:11	Iwity	Q45025
Methylene chloride	BRL	µg/L	80	3.2	40	8260B	10/08/09 7:11	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-03  
Prism Sample ID: 259673  
COC Group: G1009063  
Time Collected: 10/01/09 17:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	40	9.7	40	8260B	10/08/09 7:11	Iwity	Q45025
n-Propylbenzene	BRL	µg/L	40	3.5	40	8260B	10/08/09 7:11	Iwity	Q45025
Naphthalene	BRL	µg/L	40	9.1	40	8260B	10/08/09 7:11	Iwity	Q45025
o-Xylene	BRL	µg/L	40	2.4	40	8260B	10/08/09 7:11	Iwity	Q45025
p-Isopropyltoluene	BRL	µg/L	40	5.6	40	8260B	10/08/09 7:11	Iwity	Q45025
sec-Butylbenzene	BRL	µg/L	40	4.8	40	8260B	10/08/09 7:11	Iwity	Q45025
Styrene	BRL	µg/L	40	2.0	40	8260B	10/08/09 7:11	Iwity	Q45025
tert-Butylbenzene	BRL	µg/L	40	3.0	40	8260B	10/08/09 7:11	Iwity	Q45025
Tetrachloroethene	BRL	µg/L	40	4.8	40	8260B	10/08/09 7:11	Iwity	Q45025
Toluene	BRL	µg/L	40	2.6	40	8260B	10/08/09 7:11	Iwity	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	80	2.6	40	8260B	10/08/09 7:11	Iwity	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	40	6.6	40	8260B	10/08/09 7:11	Iwity	Q45025
Trichloroethene	19000	µg/L	800	29	400	8260B	10/08/09 4:31	Iwity	Q45025
Trichlorofluoromethane	BRL	µg/L	80	12	40	8260B	10/08/09 7:11	Iwity	Q45025
Vinyl acetate	BRL	µg/L	800	70	40	8260B	10/08/09 7:11	Iwity	Q45025
Vinyl chloride	BRL	µg/L	80	11	40	8260B	10/08/09 7:11	Iwity	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	93	75 - 121
Dibromofluoromethane	91	74 - 133
Bromofluorobenzene	94	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-03  
Prism Sample ID: 259673  
COC Group: G1009063  
Time Collected: 10/01/09 17:40  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-04  
Prism Sample ID: 259674  
COC Group: G1009063  
Time Collected: 10/01/09 17:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	400	35	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1,1-Trichloroethane	BRL	µg/L	400	21	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	400	28	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1,2-Trichloroethane	BRL	µg/L	400	37	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1-Dichloroethane	BRL	µg/L	400	21	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1-Dichloroethene	BRL	µg/L	400	18	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,1-Dichloropropene	BRL	µg/L	400	36	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	800	94	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2,3-Trichloropropane	BRL	µg/L	400	59	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	400	110	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	400	56	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	800	150	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	400	44	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2-Dichlorobenzene	BRL	µg/L	400	38	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2-Dichloroethane	BRL	µg/L	400	29	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,2-Dichloropropane	BRL	µg/L	400	32	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	400	32	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,3-Dichlorobenzene	BRL	µg/L	400	40	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,3-Dichloropropane	BRL	µg/L	400	25	400	8260B	10/08/09 4:05	Iwtry	Q45025
1,4-Dichlorobenzene	BRL	µg/L	400	37	400	8260B	10/08/09 4:05	Iwtry	Q45025
2,2-Dichloropropane	BRL	µg/L	800	86	400	8260B	10/08/09 4:05	Iwtry	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	800	150	400	8260B	10/08/09 4:05	Iwtry	Q45025
2-Chlorotoluene	BRL	µg/L	400	36	400	8260B	10/08/09 4:05	Iwtry	Q45025
2-Hexanone	BRL	µg/L	2000	81	400	8260B	10/08/09 4:05	Iwtry	Q45025
4-Chlorotoluene	BRL	µg/L	400	51	400	8260B	10/08/09 4:05	Iwtry	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	2000	370	400	8260B	10/08/09 4:05	Iwtry	Q45025
Acetone	BRL	µg/L	4000	400	400	8260B	10/08/09 4:05	Iwtry	Q45025

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap  
 Sample Matrix: Water

Client Sample ID: Spring-04  
 Prism Sample ID: 259674  
 COC Group: G1009063  
 Time Collected: 10/01/09 17:30  
 Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	40000	570	400	8260B	10/08/09 4:05	Iwityr	Q45025
Acrylonitrile	BRL	µg/L	40000	550	400	8260B	10/08/09 4:05	Iwityr	Q45025
Benzene	BRL	µg/L	400	18	400	8260B	10/08/09 4:05	Iwityr	Q45025
Bromobenzene	BRL	µg/L	400	39	400	8260B	10/08/09 4:05	Iwityr	Q45025
Bromochloromethane	BRL	µg/L	400	56	400	8260B	10/08/09 4:05	Iwityr	Q45025
Bromodichloromethane	BRL	µg/L	400	30	400	8260B	10/08/09 4:05	Iwityr	Q45025
Bromoform	BRL	µg/L	400	16	400	8260B	10/08/09 4:05	Iwityr	Q45025
Bromomethane	BRL	µg/L	1200	110	400	8260B	10/08/09 4:05	Iwityr	Q45025
Carbon disulfide	BRL	µg/L	2000	150	400	8260B	10/08/09 4:05	Iwityr	Q45025
Carbon tetrachloride	BRL	µg/L	800	43	400	8260B	10/08/09 4:05	Iwityr	Q45025
Chlorobenzene	BRL	µg/L	400	20	400	8260B	10/08/09 4:05	Iwityr	Q45025
Chlorodibromomethane	BRL	µg/L	400	28	400	8260B	10/08/09 4:05	Iwityr	Q45025
Chloroethane	BRL	µg/L	2000	89	400	8260B	10/08/09 4:05	Iwityr	Q45025
Chloroform	BRL	µg/L	400	20	400	8260B	10/08/09 4:05	Iwityr	Q45025
Chloromethane	BRL	µg/L	800	120	400	8260B	10/08/09 4:05	Iwityr	Q45025
cis-1,2-Dichloroethene	230 J	µg/L	400	22	400	8260B	10/08/09 4:05	Iwityr	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	400	28	400	8260B	10/08/09 4:05	Iwityr	Q45025
Dibromomethane	BRL	µg/L	400	84	400	8260B	10/08/09 4:05	Iwityr	Q45025
Dichlorodifluoromethane	BRL	µg/L	800	120	400	8260B	10/08/09 4:05	Iwityr	Q45025
Ethylbenzene	BRL	µg/L	400	34	400	8260B	10/08/09 4:05	Iwityr	Q45025
Hexachlorobutadiene	BRL	µg/L	800	120	400	8260B	10/08/09 4:05	Iwityr	Q45025
Isopropyl ether (IPE)	BRL	µg/L	400	30	400	8260B	10/08/09 4:05	Iwityr	Q45025
Isopropylbenzene	BRL	µg/L	400	42	400	8260B	10/08/09 4:05	Iwityr	Q45025
m,p-Xylenes	BRL	µg/L	800	53	400	8260B	10/08/09 4:05	Iwityr	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	2000	380	400	8260B	10/08/09 4:05	Iwityr	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	400	44	400	8260B	10/08/09 4:05	Iwityr	Q45025
Methylene chloride	BRL	µg/L	800	32	400	8260B	10/08/09 4:05	Iwityr	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-04  
Prism Sample ID: 259674  
COC Group: G1009063  
Time Collected: 10/01/09 17:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	400	97	400	8260B	10/08/09 4:05	Iwity	Q45025
n-Propylbenzene	BRL	µg/L	400	35	400	8260B	10/08/09 4:05	Iwity	Q45025
Naphthalene	BRL	µg/L	400	91	400	8260B	10/08/09 4:05	Iwity	Q45025
o-Xylene	BRL	µg/L	400	24	400	8260B	10/08/09 4:05	Iwity	Q45025
p-Isopropyltoluene	BRL	µg/L	400	56	400	8260B	10/08/09 4:05	Iwity	Q45025
sec-Butylbenzene	BRL	µg/L	400	48	400	8260B	10/08/09 4:05	Iwity	Q45025
Styrene	BRL	µg/L	400	20	400	8260B	10/08/09 4:05	Iwity	Q45025
tert-Butylbenzene	BRL	µg/L	400	30	400	8260B	10/08/09 4:05	Iwity	Q45025
Tetrachloroethene	BRL	µg/L	400	48	400	8260B	10/08/09 4:05	Iwity	Q45025
Toluene	BRL	µg/L	400	26	400	8260B	10/08/09 4:05	Iwity	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	800	26	400	8260B	10/08/09 4:05	Iwity	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	400	66	400	8260B	10/08/09 4:05	Iwity	Q45025
Trichloroethene	27000	µg/L	800	29	400	8260B	10/08/09 4:05	Iwity	Q45025
Trichlorofluoromethane	BRL	µg/L	800	120	400	8260B	10/08/09 4:05	Iwity	Q45025
Vinyl acetate	BRL	µg/L	8000	700	400	8260B	10/08/09 4:05	Iwity	Q45025
Vinyl chloride	BRL	µg/L	800	110	400	8260B	10/08/09 4:05	Iwity	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	99	75 - 121
Dibromofluoromethane	97	74 - 133
Bromofluorobenzene	99	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: Spring-04  
Prism Sample ID: 259674  
COC Group: G1009063  
Time Collected: 10/01/09 17:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: SW-01  
Prism Sample ID: 259675  
COC Group: G1009063  
Time Collected: 10/01/09 16:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	20	1.7	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1,1-Trichloroethane	28	µg/L	20	1.1	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	20	1.4	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1,2-Trichloroethane	BRL	µg/L	20	1.8	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1-Dichloroethane	BRL	µg/L	20	1.1	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1-Dichloroethene	BRL	µg/L	20	0.92	20	8260B	10/08/09 7:37	Iwity	Q45025
1,1-Dichloropropene	BRL	µg/L	20	1.8	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	40	4.7	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2,3-Trichloropropane	BRL	µg/L	20	3.0	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	20	5.5	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	20	2.8	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	40	7.3	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	20	2.2	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2-Dichlorobenzene	BRL	µg/L	20	1.9	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2-Dichloroethane	BRL	µg/L	20	1.4	20	8260B	10/08/09 7:37	Iwity	Q45025
1,2-Dichloropropane	BRL	µg/L	20	1.6	20	8260B	10/08/09 7:37	Iwity	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	20	1.6	20	8260B	10/08/09 7:37	Iwity	Q45025
1,3-Dichlorobenzene	BRL	µg/L	20	2.0	20	8260B	10/08/09 7:37	Iwity	Q45025
1,3-Dichloropropane	BRL	µg/L	20	1.2	20	8260B	10/08/09 7:37	Iwity	Q45025
1,4-Dichlorobenzene	BRL	µg/L	20	1.8	20	8260B	10/08/09 7:37	Iwity	Q45025
2,2-Dichloropropane	BRL	µg/L	40	4.3	20	8260B	10/08/09 7:37	Iwity	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	40	7.3	20	8260B	10/08/09 7:37	Iwity	Q45025
2-Chlorotoluene	BRL	µg/L	20	1.8	20	8260B	10/08/09 7:37	Iwity	Q45025
2-Hexanone	BRL	µg/L	100	4.0	20	8260B	10/08/09 7:37	Iwity	Q45025
4-Chlorotoluene	BRL	µg/L	20	2.6	20	8260B	10/08/09 7:37	Iwity	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	100	19	20	8260B	10/08/09 7:37	Iwity	Q45025
Acetone	BRL	µg/L	200	20	20	8260B	10/08/09 7:37	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: SW-01  
Prism Sample ID: 259675  
COC Group: G1009063  
Time Collected: 10/01/09 16:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	2000	28	20	8260B	10/08/09 7:37	Iwity	Q45025
Acrylonitrile	BRL	µg/L	2000	28	20	8260B	10/08/09 7:37	Iwity	Q45025
Benzene	BRL	µg/L	20	0.88	20	8260B	10/08/09 7:37	Iwity	Q45025
Bromobenzene	BRL	µg/L	20	2.0	20	8260B	10/08/09 7:37	Iwity	Q45025
Bromochloromethane	BRL	µg/L	20	2.8	20	8260B	10/08/09 7:37	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	20	1.5	20	8260B	10/08/09 7:37	Iwity	Q45025
Bromoform	BRL	µg/L	20	0.78	20	8260B	10/08/09 7:37	Iwity	Q45025
Bromomethane	BRL	µg/L	60	5.5	20	8260B	10/08/09 7:37	Iwity	Q45025
Carbon disulfide	BRL	µg/L	100	7.4	20	8260B	10/08/09 7:37	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	40	2.2	20	8260B	10/08/09 7:37	Iwity	Q45025
Chlorobenzene	BRL	µg/L	20	1.0	20	8260B	10/08/09 7:37	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	20	1.4	20	8260B	10/08/09 7:37	Iwity	Q45025
Chloroethane	BRL	µg/L	100	4.5	20	8260B	10/08/09 7:37	Iwity	Q45025
Chloroform	BRL	µg/L	20	0.98	20	8260B	10/08/09 7:37	Iwity	Q45025
Chloromethane	BRL	µg/L	40	6.0	20	8260B	10/08/09 7:37	Iwity	Q45025
cis-1,2-Dichloroethene	480	µg/L	20	1.1	20	8260B	10/08/09 7:37	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	20	1.4	20	8260B	10/08/09 7:37	Iwity	Q45025
Dibromomethane	BRL	µg/L	20	4.2	20	8260B	10/08/09 7:37	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	40	6.1	20	8260B	10/08/09 7:37	Iwity	Q45025
Ethylbenzene	BRL	µg/L	20	1.7	20	8260B	10/08/09 7:37	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	40	6.1	20	8260B	10/08/09 7:37	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	20	1.5	20	8260B	10/08/09 7:37	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	20	2.1	20	8260B	10/08/09 7:37	Iwity	Q45025
m,p-Xylenes	BRL	µg/L	40	2.7	20	8260B	10/08/09 7:37	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	100	19	20	8260B	10/08/09 7:37	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	20	2.2	20	8260B	10/08/09 7:37	Iwity	Q45025
Methylene chloride	BRL	µg/L	40	1.6	20	8260B	10/08/09 7:37	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: SW-01  
Prism Sample ID: 259675  
COC Group: G1009063  
Time Collected: 10/01/09 16:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	20	4.8	20	8260B	10/08/09 7:37	Iwtry	Q45025
n-Propylbenzene	BRL	µg/L	20	1.7	20	8260B	10/08/09 7:37	Iwtry	Q45025
Naphthalene	BRL	µg/L	20	4.6	20	8260B	10/08/09 7:37	Iwtry	Q45025
o-Xylene	BRL	µg/L	20	1.2	20	8260B	10/08/09 7:37	Iwtry	Q45025
p-Isopropyltoluene	BRL	µg/L	20	2.8	20	8260B	10/08/09 7:37	Iwtry	Q45025
sec-Butylbenzene	BRL	µg/L	20	2.4	20	8260B	10/08/09 7:37	Iwtry	Q45025
Styrene	BRL	µg/L	20	1.0	20	8260B	10/08/09 7:37	Iwtry	Q45025
tert-Butylbenzene	BRL	µg/L	20	1.5	20	8260B	10/08/09 7:37	Iwtry	Q45025
Tetrachloroethene	BRL	µg/L	20	2.4	20	8260B	10/08/09 7:37	Iwtry	Q45025
Toluene	BRL	µg/L	20	1.3	20	8260B	10/08/09 7:37	Iwtry	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	40	1.3	20	8260B	10/08/09 7:37	Iwtry	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	20	3.3	20	8260B	10/08/09 7:37	Iwtry	Q45025
Trichloroethene	3000	µg/L	80	2.9	40	8260B	10/08/09 5:25	Iwtry	Q45025
Trichlorofluoromethane	BRL	µg/L	40	6.2	20	8260B	10/08/09 7:37	Iwtry	Q45025
Vinyl acetate	BRL	µg/L	400	35	20	8260B	10/08/09 7:37	Iwtry	Q45025
Vinyl chloride	BRL	µg/L	40	5.5	20	8260B	10/08/09 7:37	Iwtry	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	97	75 - 121
Dibromofluoromethane	96	74 - 133
Bromofluorobenzene	99	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: SW-01  
Prism Sample ID: 259675  
COC Group: G1009063  
Time Collected: 10/01/09 16:30  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-01  
Prism Sample ID: 259676  
COC Group: G1009063  
Time Collected: 10/01/09 16:15  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	1.0	0.087	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1,1-Trichloroethane	72	µg/L	1.0	0.053	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.071	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.092	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1-Dichloroethane	1.0	µg/L	1.0	0.053	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1-Dichloroethene	5.2	µg/L	1.0	0.046	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,1-Dichloropropene	BRL	µg/L	1.0	0.089	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.23	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2,3-Trichloropropane	BRL	µg/L	1.0	0.15	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	1.0	0.28	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2,4-Trimethylbenzene	56	µg/L	1.0	0.14	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.37	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.11	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.094	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2-Dichloroethane	BRL	µg/L	1.0	0.072	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,2-Dichloropropane	BRL	µg/L	1.0	0.081	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,3,5-Trimethylbenzene	13	µg/L	1.0	0.081	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.10	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,3-Dichloropropane	BRL	µg/L	1.0	0.062	1	8260B	10/08/09 8:31	Iwityr	Q45025
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.092	1	8260B	10/08/09 8:31	Iwityr	Q45025
2,2-Dichloropropane	BRL	µg/L	2.0	0.21	1	8260B	10/08/09 8:31	Iwityr	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.37	1	8260B	10/08/09 8:31	Iwityr	Q45025
2-Chlorotoluene	BRL	µg/L	1.0	0.090	1	8260B	10/08/09 8:31	Iwityr	Q45025
2-Hexanone	BRL	µg/L	5.0	0.20	1	8260B	10/08/09 8:31	Iwityr	Q45025
4-Chlorotoluene	BRL	µg/L	1.0	0.13	1	8260B	10/08/09 8:31	Iwityr	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	5.0	0.93	1	8260B	10/08/09 8:31	Iwityr	Q45025
Acetone	BRL	µg/L	10	1.0	1	8260B	10/08/09 8:31	Iwityr	Q45025

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap  
 Sample Matrix: Water

Client Sample ID: OW-01  
 Prism Sample ID: 259676  
 COC Group: G1009063  
 Time Collected: 10/01/09 16:15  
 Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	100	1.4	1	8260B	10/08/09 8:31	Iwtry	Q45025
Acrylonitrile	BRL	µg/L	100	1.4	1	8260B	10/08/09 8:31	Iwtry	Q45025
Benzene	22	µg/L	1.0	0.044	1	8260B	10/08/09 8:31	Iwtry	Q45025
Bromobenzene	BRL	µg/L	1.0	0.098	1	8260B	10/08/09 8:31	Iwtry	Q45025
Bromochloromethane	BRL	µg/L	1.0	0.14	1	8260B	10/08/09 8:31	Iwtry	Q45025
Bromodichloromethane	BRL	µg/L	1.0	0.076	1	8260B	10/08/09 8:31	Iwtry	Q45025
Bromoform	BRL	µg/L	1.0	0.039	1	8260B	10/08/09 8:31	Iwtry	Q45025
Bromomethane	BRL	µg/L	3.0	0.27	1	8260B	10/08/09 8:31	Iwtry	Q45025
Carbon disulfide	BRL	µg/L	5.0	0.37	1	8260B	10/08/09 8:31	Iwtry	Q45025
Carbon tetrachloride	BRL	µg/L	2.0	0.11	1	8260B	10/08/09 8:31	Iwtry	Q45025
Chlorobenzene	BRL	µg/L	1.0	0.050	1	8260B	10/08/09 8:31	Iwtry	Q45025
Chlorodibromomethane	BRL	µg/L	1.0	0.070	1	8260B	10/08/09 8:31	Iwtry	Q45025
Chloroethane	BRL	µg/L	5.0	0.22	1	8260B	10/08/09 8:31	Iwtry	Q45025
Chloroform	2.4	µg/L	1.0	0.049	1	8260B	10/08/09 8:31	Iwtry	Q45025
Chloromethane	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 8:31	Iwtry	Q45025
cis-1,2-Dichloroethene	46	µg/L	1.0	0.054	1	8260B	10/08/09 8:31	Iwtry	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.070	1	8260B	10/08/09 8:31	Iwtry	Q45025
Dibromomethane	BRL	µg/L	1.0	0.21	1	8260B	10/08/09 8:31	Iwtry	Q45025
Dichlorodifluoromethane	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 8:31	Iwtry	Q45025
Ethylbenzene	2.6	µg/L	1.0	0.085	1	8260B	10/08/09 8:31	Iwtry	Q45025
Hexachlorobutadiene	BRL	µg/L	2.0	0.30	1	8260B	10/08/09 8:31	Iwtry	Q45025
Isopropyl ether (IPE)	BRL	µg/L	1.0	0.076	1	8260B	10/08/09 8:31	Iwtry	Q45025
Isopropylbenzene	4.6	µg/L	1.0	0.10	1	8260B	10/08/09 8:31	Iwtry	Q45025
m,p-Xylenes	53	µg/L	2.0	0.13	1	8260B	10/08/09 8:31	Iwtry	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.95	1	8260B	10/08/09 8:31	Iwtry	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	1.0	0.11	1	8260B	10/08/09 8:31	Iwtry	Q45025
Methylene chloride	BRL	µg/L	2.0	0.081	1	8260B	10/08/09 8:31	Iwtry	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-01  
Prism Sample ID: 259676  
COC Group: G1009063  
Time Collected: 10/01/09 16:15  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	1.3	µg/L	1.0	0.24	1	8260B	10/08/09 8:31	lwitry	Q45025
n-Propylbenzene	3.0	µg/L	1.0	0.087	1	8260B	10/08/09 8:31	lwitry	Q45025
Naphthalene	69	µg/L	1.0	0.23	1	8260B	10/08/09 8:31	lwitry	Q45025
o-Xylene	41	µg/L	1.0	0.059	1	8260B	10/08/09 8:31	lwitry	Q45025
p-Isopropyltoluene	1.6	µg/L	1.0	0.14	1	8260B	10/08/09 8:31	lwitry	Q45025
sec-Butylbenzene	1.9	µg/L	1.0	0.12	1	8260B	10/08/09 8:31	lwitry	Q45025
Styrene	BRL	µg/L	1.0	0.051	1	8260B	10/08/09 8:31	lwitry	Q45025
tert-Butylbenzene	BRL	µg/L	1.0	0.074	1	8260B	10/08/09 8:31	lwitry	Q45025
Tetrachloroethene	BRL	µg/L	1.0	0.12	1	8260B	10/08/09 8:31	lwitry	Q45025
Toluene	1.6	µg/L	1.0	0.064	1	8260B	10/08/09 8:31	lwitry	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.066	1	8260B	10/08/09 8:31	lwitry	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.17	1	8260B	10/08/09 8:31	lwitry	Q45025
Trichloroethene	630	µg/L	20	0.73	10	8260B	10/08/09 5:51	lwitry	Q45025
Trichlorofluoromethane	BRL	µg/L	2.0	0.31	1	8260B	10/08/09 8:31	lwitry	Q45025
Vinyl acetate	BRL	µg/L	20	1.8	1	8260B	10/08/09 8:31	lwitry	Q45025
Vinyl chloride	BRL	µg/L	2.0	0.28	1	8260B	10/08/09 8:31	lwitry	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	105	75 - 121
Dibromofluoromethane	102	74 - 133
Bromofluorobenzene	103	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-01  
Prism Sample ID: 259676  
COC Group: G1009063  
Time Collected: 10/01/09 16:15  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	--------------	-----	-----------------	--------	--------------------	---------	----------

### Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-02  
Prism Sample ID: 259677  
COC Group: G1009063  
Time Collected: 10/01/09 17:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	10	0.87	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1,1-Trichloroethane	150	µg/L	10	0.53	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	10	0.71	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1,2-Trichloroethane	BRL	µg/L	10	0.92	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1-Dichloroethane	BRL	µg/L	10	0.53	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1-Dichloroethene	6.2 J	µg/L	10	0.46	10	8260B	10/08/09 8:04	Iwity	Q45025
1,1-Dichloropropene	BRL	µg/L	10	0.89	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	20	2.3	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2,3-Trichloropropane	BRL	µg/L	10	1.5	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	10	2.8	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	10	1.4	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	20	3.7	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	10	1.1	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2-Dichlorobenzene	BRL	µg/L	10	0.94	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2-Dichloroethane	BRL	µg/L	10	0.72	10	8260B	10/08/09 8:04	Iwity	Q45025
1,2-Dichloropropane	BRL	µg/L	10	0.81	10	8260B	10/08/09 8:04	Iwity	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	10	0.81	10	8260B	10/08/09 8:04	Iwity	Q45025
1,3-Dichlorobenzene	BRL	µg/L	10	1.0	10	8260B	10/08/09 8:04	Iwity	Q45025
1,3-Dichloropropane	BRL	µg/L	10	0.62	10	8260B	10/08/09 8:04	Iwity	Q45025
1,4-Dichlorobenzene	BRL	µg/L	10	0.92	10	8260B	10/08/09 8:04	Iwity	Q45025
2,2-Dichloropropane	BRL	µg/L	20	2.1	10	8260B	10/08/09 8:04	Iwity	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	20	3.7	10	8260B	10/08/09 8:04	Iwity	Q45025
2-Chlorotoluene	BRL	µg/L	10	0.90	10	8260B	10/08/09 8:04	Iwity	Q45025
2-Hexanone	BRL	µg/L	50	2.0	10	8260B	10/08/09 8:04	Iwity	Q45025
4-Chlorotoluene	BRL	µg/L	10	1.3	10	8260B	10/08/09 8:04	Iwity	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	50	9.3	10	8260B	10/08/09 8:04	Iwity	Q45025
Acetone	BRL	µg/L	100	10	10	8260B	10/08/09 8:04	Iwity	Q45025

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap  
 Sample Matrix: Water

Client Sample ID: OW-02  
 Prism Sample ID: 259677  
 COC Group: G1009063  
 Time Collected: 10/01/09 17:55  
 Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	1000	14	10	8260B	10/08/09 8:04	Iwity	Q45025
Acrylonitrile	BRL	µg/L	1000	14	10	8260B	10/08/09 8:04	Iwity	Q45025
Benzene	BRL	µg/L	10	0.44	10	8260B	10/08/09 8:04	Iwity	Q45025
Bromobenzene	BRL	µg/L	10	0.98	10	8260B	10/08/09 8:04	Iwity	Q45025
Bromochloromethane	BRL	µg/L	10	1.4	10	8260B	10/08/09 8:04	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	10	0.76	10	8260B	10/08/09 8:04	Iwity	Q45025
Bromoform	BRL	µg/L	10	0.39	10	8260B	10/08/09 8:04	Iwity	Q45025
Bromomethane	BRL	µg/L	30	2.7	10	8260B	10/08/09 8:04	Iwity	Q45025
Carbon disulfide	BRL	µg/L	50	3.7	10	8260B	10/08/09 8:04	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	20	1.1	10	8260B	10/08/09 8:04	Iwity	Q45025
Chlorobenzene	BRL	µg/L	10	0.50	10	8260B	10/08/09 8:04	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	10	0.70	10	8260B	10/08/09 8:04	Iwity	Q45025
Chloroethane	BRL	µg/L	50	2.2	10	8260B	10/08/09 8:04	Iwity	Q45025
Chloroform	BRL	µg/L	10	0.49	10	8260B	10/08/09 8:04	Iwity	Q45025
Chloromethane	BRL	µg/L	20	3.0	10	8260B	10/08/09 8:04	Iwity	Q45025
cis-1,2-Dichloroethene	BRL	µg/L	10	0.54	10	8260B	10/08/09 8:04	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	10	0.70	10	8260B	10/08/09 8:04	Iwity	Q45025
Dibromomethane	BRL	µg/L	10	2.1	10	8260B	10/08/09 8:04	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	20	3.0	10	8260B	10/08/09 8:04	Iwity	Q45025
Ethylbenzene	BRL	µg/L	10	0.85	10	8260B	10/08/09 8:04	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	20	3.0	10	8260B	10/08/09 8:04	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	10	0.76	10	8260B	10/08/09 8:04	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	10	1.0	10	8260B	10/08/09 8:04	Iwity	Q45025
m,p-Xylenes	BRL	µg/L	20	1.3	10	8260B	10/08/09 8:04	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	50	9.5	10	8260B	10/08/09 8:04	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	10	1.1	10	8260B	10/08/09 8:04	Iwity	Q45025
Methylene chloride	BRL	µg/L	20	0.81	10	8260B	10/08/09 8:04	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-02  
Prism Sample ID: 259677  
COC Group: G1009063  
Time Collected: 10/01/09 17:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	10	2.4	10	8260B	10/08/09 8:04	lwitry	Q45025
n-Propylbenzene	BRL	µg/L	10	0.87	10	8260B	10/08/09 8:04	lwitry	Q45025
Naphthalene	BRL	µg/L	10	2.3	10	8260B	10/08/09 8:04	lwitry	Q45025
o-Xylene	BRL	µg/L	10	0.59	10	8260B	10/08/09 8:04	lwitry	Q45025
p-Isopropyltoluene	BRL	µg/L	10	1.4	10	8260B	10/08/09 8:04	lwitry	Q45025
sec-Butylbenzene	BRL	µg/L	10	1.2	10	8260B	10/08/09 8:04	lwitry	Q45025
Styrene	BRL	µg/L	10	0.51	10	8260B	10/08/09 8:04	lwitry	Q45025
tert-Butylbenzene	BRL	µg/L	10	0.74	10	8260B	10/08/09 8:04	lwitry	Q45025
Tetrachloroethene	BRL	µg/L	10	1.2	10	8260B	10/08/09 8:04	lwitry	Q45025
Toluene	BRL	µg/L	10	0.64	10	8260B	10/08/09 8:04	lwitry	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	20	0.66	10	8260B	10/08/09 8:04	lwitry	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	10	1.6	10	8260B	10/08/09 8:04	lwitry	Q45025
Trichloroethene	3200	µg/L	200	7.3	100	8260B	10/08/09 4:58	lwitry	Q45025
Trichlorofluoromethane	BRL	µg/L	20	3.1	10	8260B	10/08/09 8:04	lwitry	Q45025
Vinyl acetate	BRL	µg/L	200	18	10	8260B	10/08/09 8:04	lwitry	Q45025
Vinyl chloride	BRL	µg/L	20	2.8	10	8260B	10/08/09 8:04	lwitry	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	98	75 - 121
Dibromofluoromethane	96	74 - 133
Bromofluorobenzene	98	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-02  
Prism Sample ID: 259677  
COC Group: G1009063  
Time Collected: 10/01/09 17:55  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap  
 Sample Matrix: Water

Client Sample ID: OW-03  
 Prism Sample ID: 259678  
 COC Group: G1009063  
 Time Collected: 10/01/09 18:00  
 Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	100	8.7	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1,1-Trichloroethane	360	µg/L	100	5.3	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1,2,2-Tetrachloroethane	BRL	µg/L	100	7.1	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1,2-Trichloroethane	BRL	µg/L	100	9.2	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1-Dichloroethane	BRL	µg/L	100	5.3	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1-Dichloroethene	96 J	µg/L	100	4.6	100	8260B	10/08/09 6:18	Iwity	Q45025
1,1-Dichloropropene	BRL	µg/L	100	8.9	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2,3-Trichlorobenzene	BRL	µg/L	200	23	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2,3-Trichloropropane	BRL	µg/L	100	15	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2,4-Trichlorobenzene	BRL	µg/L	100	28	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2,4-Trimethylbenzene	BRL	µg/L	100	14	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2-Dibromo-3-chloropropane	BRL	µg/L	200	37	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2-Dibromoethane (EDB)	BRL	µg/L	100	11	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2-Dichlorobenzene	BRL	µg/L	100	9.4	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2-Dichloroethane	BRL	µg/L	100	7.2	100	8260B	10/08/09 6:18	Iwity	Q45025
1,2-Dichloropropane	BRL	µg/L	100	8.1	100	8260B	10/08/09 6:18	Iwity	Q45025
1,3,5-Trimethylbenzene	BRL	µg/L	100	8.1	100	8260B	10/08/09 6:18	Iwity	Q45025
1,3-Dichlorobenzene	BRL	µg/L	100	10	100	8260B	10/08/09 6:18	Iwity	Q45025
1,3-Dichloropropane	BRL	µg/L	100	6.2	100	8260B	10/08/09 6:18	Iwity	Q45025
1,4-Dichlorobenzene	BRL	µg/L	100	9.2	100	8260B	10/08/09 6:18	Iwity	Q45025
2,2-Dichloropropane	BRL	µg/L	200	22	100	8260B	10/08/09 6:18	Iwity	Q45025
2-Chloroethyl vinyl ether	BRL	µg/L	200	37	100	8260B	10/08/09 6:18	Iwity	Q45025
2-Chlorotoluene	BRL	µg/L	100	9.0	100	8260B	10/08/09 6:18	Iwity	Q45025
2-Hexanone	BRL	µg/L	500	20	100	8260B	10/08/09 6:18	Iwity	Q45025
4-Chlorotoluene	BRL	µg/L	100	13	100	8260B	10/08/09 6:18	Iwity	Q45025
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	500	93	100	8260B	10/08/09 6:18	Iwity	Q45025
Acetone	BRL	µg/L	1000	100	100	8260B	10/08/09 6:18	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

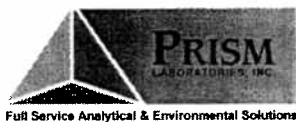
Client Sample ID: OW-03  
Prism Sample ID: 259678  
COC Group: G1009063  
Time Collected: 10/01/09 18:00  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	10000	140	100	8260B	10/08/09 6:18	Iwity	Q45025
Acrylonitrile	BRL	µg/L	10000	140	100	8260B	10/08/09 6:18	Iwity	Q45025
Benzene	BRL	µg/L	100	4.4	100	8260B	10/08/09 6:18	Iwity	Q45025
Bromobenzene	BRL	µg/L	100	9.8	100	8260B	10/08/09 6:18	Iwity	Q45025
Bromochloromethane	BRL	µg/L	100	14	100	8260B	10/08/09 6:18	Iwity	Q45025
Bromodichloromethane	BRL	µg/L	100	7.6	100	8260B	10/08/09 6:18	Iwity	Q45025
Bromoform	BRL	µg/L	100	3.9	100	8260B	10/08/09 6:18	Iwity	Q45025
Bromomethane	BRL	µg/L	300	27	100	8260B	10/08/09 6:18	Iwity	Q45025
Carbon disulfide	BRL	µg/L	500	37	100	8260B	10/08/09 6:18	Iwity	Q45025
Carbon tetrachloride	BRL	µg/L	200	11	100	8260B	10/08/09 6:18	Iwity	Q45025
Chlorobenzene	BRL	µg/L	100	5.0	100	8260B	10/08/09 6:18	Iwity	Q45025
Chlorodibromomethane	BRL	µg/L	100	7.0	100	8260B	10/08/09 6:18	Iwity	Q45025
Chloroethane	BRL	µg/L	500	22	100	8260B	10/08/09 6:18	Iwity	Q45025
Chloroform	BRL	µg/L	100	4.9	100	8260B	10/08/09 6:18	Iwity	Q45025
Chloromethane	BRL	µg/L	200	30	100	8260B	10/08/09 6:18	Iwity	Q45025
cis-1,2-Dichloroethene	BRL	µg/L	100	5.4	100	8260B	10/08/09 6:18	Iwity	Q45025
cis-1,3-Dichloropropene	BRL	µg/L	100	7.0	100	8260B	10/08/09 6:18	Iwity	Q45025
Dibromomethane	BRL	µg/L	100	21	100	8260B	10/08/09 6:18	Iwity	Q45025
Dichlorodifluoromethane	BRL	µg/L	200	31	100	8260B	10/08/09 6:18	Iwity	Q45025
Ethylbenzene	BRL	µg/L	100	8.5	100	8260B	10/08/09 6:18	Iwity	Q45025
Hexachlorobutadiene	BRL	µg/L	200	30	100	8260B	10/08/09 6:18	Iwity	Q45025
Isopropyl ether (IPE)	BRL	µg/L	100	7.6	100	8260B	10/08/09 6:18	Iwity	Q45025
Isopropylbenzene	BRL	µg/L	100	10	100	8260B	10/08/09 6:18	Iwity	Q45025
m,p-Xylenes	BRL	µg/L	200	13	100	8260B	10/08/09 6:18	Iwity	Q45025
Methyl ethyl ketone (MEK)	BRL	µg/L	500	95	100	8260B	10/08/09 6:18	Iwity	Q45025
Methyl t-butyl ether (MTBE)	BRL	µg/L	100	11	100	8260B	10/08/09 6:18	Iwity	Q45025
Methylene chloride	BRL	µg/L	200	8.1	100	8260B	10/08/09 6:18	Iwity	Q45025

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-03  
Prism Sample ID: 259678  
COC Group: G1009063  
Time Collected: 10/01/09 18:00  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	100	24	100	8260B	10/08/09 6:18	Iwity	Q45025
n-Propylbenzene	BRL	µg/L	100	8.7	100	8260B	10/08/09 6:18	Iwity	Q45025
Naphthalene	BRL	µg/L	100	23	100	8260B	10/08/09 6:18	Iwity	Q45025
o-Xylene	BRL	µg/L	100	5.9	100	8260B	10/08/09 6:18	Iwity	Q45025
p-Isopropyltoluene	BRL	µg/L	100	14	100	8260B	10/08/09 6:18	Iwity	Q45025
sec-Butylbenzene	BRL	µg/L	100	12	100	8260B	10/08/09 6:18	Iwity	Q45025
Styrene	BRL	µg/L	100	5.1	100	8260B	10/08/09 6:18	Iwity	Q45025
tert-Butylbenzene	BRL	µg/L	100	7.4	100	8260B	10/08/09 6:18	Iwity	Q45025
Tetrachloroethene	BRL	µg/L	100	12	100	8260B	10/08/09 6:18	Iwity	Q45025
Toluene	BRL	µg/L	100	6.4	100	8260B	10/08/09 6:18	Iwity	Q45025
trans-1,2-Dichloroethene	BRL	µg/L	200	6.6	100	8260B	10/08/09 6:18	Iwity	Q45025
trans-1,3-Dichloropropene	BRL	µg/L	100	17	100	8260B	10/08/09 6:18	Iwity	Q45025
Trichloroethene	46000	µg/L	2000	73	1000	8260B	10/08/09 3:12	Iwity	Q45025
Trichlorofluoromethane	BRL	µg/L	200	31	100	8260B	10/08/09 6:18	Iwity	Q45025
Vinyl acetate	BRL	µg/L	2000	180	100	8260B	10/08/09 6:18	Iwity	Q45025
Vinyl chloride	BRL	µg/L	200	28	100	8260B	10/08/09 6:18	Iwity	Q45025

Surrogate	% Recovery	Control Limits
Toluene-d8	99	75 - 121
Dibromofluoromethane	96	74 - 133
Bromofluorobenzene	100	69 - 139

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap  
Sample Matrix: Water

Client Sample ID: OW-03  
Prism Sample ID: 259678  
COC Group: G1009063  
Time Collected: 10/01/09 18:00  
Time Submitted: 10/03/09 10:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL.*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Level II QC Report

10/14/09

MACTEC Eng. & Consulting, Inc  
Attn: Susan Kelly  
1308 Patton Avenue  
Asheville, NC 28806

Project ID: Mills Gap

COC Group Number: G1009063  
Date/Time Submitted: 10/03/09 10:05

### Volatile Organic Compounds by GC/MS, method 8260B

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q45025
1,1,1-Trichloroethane	ND	1	<0.5	µg/L	Q45025
1,1,2,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q45025
1,1,2-Trichloroethane	ND	1	<0.5	µg/L	Q45025
1,1-Dichloroethane	ND	1	<0.5	µg/L	Q45025
1,1-Dichloroethene	ND	1	<0.5	µg/L	Q45025
1,1-Dichloropropene	ND	1	<0.5	µg/L	Q45025
1,2,3-Trichlorobenzene	ND	2	<1	µg/L	Q45025
1,2,3-Trichloropropane	ND	1	<0.5	µg/L	Q45025
1,2,4-Trichlorobenzene	ND	1	<0.5	µg/L	Q45025
1,2,4-Trimethylbenzene	ND	1	<0.5	µg/L	Q45025
1,2-Dibromo-3-chloropropane	ND	2	<1	µg/L	Q45025
1,2-Dibromoethane (EDB)	ND	1	<0.5	µg/L	Q45025
1,2-Dichlorobenzene	ND	1	<0.5	µg/L	Q45025
1,2-Dichloroethane	ND	1	<0.5	µg/L	Q45025
1,2-Dichloropropane	ND	1	<0.5	µg/L	Q45025
1,3,5-Trimethylbenzene	ND	1	<0.5	µg/L	Q45025
1,3-Dichlorobenzene	ND	1	<0.5	µg/L	Q45025
1,3-Dichloropropane	ND	1	<0.5	µg/L	Q45025
1,4-Dichlorobenzene	ND	1	<0.5	µg/L	Q45025
2,2-Dichloropropane	ND	2	<1	µg/L	Q45025
2-Chloroethyl vinyl ether	ND	2	<1	µg/L	Q45025
2-Chlorotoluene	ND	1	<0.5	µg/L	Q45025
2-Hexanone	ND	5	<2.5	µg/L	Q45025
4-Chlorotoluene	ND	1	<0.5	µg/L	Q45025
4-Methyl-2-pentanone (MIBK)	ND	5	<2.5	µg/L	Q45025
Acetone	ND	10	<5	µg/L	Q45025
Acrolein	ND	100	<50	µg/L	Q45025
Acrylonitrile	ND	100	<50	µg/L	Q45025
Benzene	ND	1	<0.5	µg/L	Q45025
Bromobenzene	ND	1	<0.5	µg/L	Q45025
Bromochloromethane	ND	1	<0.5	µg/L	Q45025
Bromodichloromethane	ND	1	<0.5	µg/L	Q45025
Bromoform	ND	1	<0.5	µg/L	Q45025

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Asheville, NC 28806

Project ID: Mills Gap

COC Group Number: G1009063  
Date/Time Submitted: 10/03/09 10:05

Method Blank					QC Batch ID
	Result	RL	Control Limit	Units	
Bromomethane	ND	3	<1.5	µg/L	Q45025
Carbon disulfide	ND	5	<2.5	µg/L	Q45025
Carbon tetrachloride	ND	2	<1	µg/L	Q45025
Chlorobenzene	ND	1	<0.5	µg/L	Q45025
Chlorodibromomethane	ND	1	<0.5	µg/L	Q45025
Chloroethane	ND	5	<2.5	µg/L	Q45025
Chloroform	ND	1	<0.5	µg/L	Q45025
Chloromethane	ND	2	<1	µg/L	Q45025
cis-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q45025
cis-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q45025
Dibromomethane	ND	1	<0.5	µg/L	Q45025
Dichlorodifluoromethane	ND	2	<1	µg/L	Q45025
Ethylbenzene	ND	1	<0.5	µg/L	Q45025
Hexachlorobutadiene	ND	2	<1	µg/L	Q45025
Isopropyl ether (IPE)	ND	1	<0.5	µg/L	Q45025
Isopropylbenzene	ND	1	<0.5	µg/L	Q45025
m,p-Xylenes	ND	2	<1	µg/L	Q45025
Methyl ethyl ketone (MEK)	ND	5	<2.5	µg/L	Q45025
Methyl t-butyl ether (MTBE)	ND	1	<0.5	µg/L	Q45025
Methylene chloride	ND	2	<1	µg/L	Q45025
n-Butylbenzene	ND	1	<0.5	µg/L	Q45025
n-Propylbenzene	ND	1	<0.5	µg/L	Q45025
Naphthalene	ND	1	<0.5	µg/L	Q45025
o-Xylene	ND	1	<0.5	µg/L	Q45025
p-Isopropyltoluene	ND	1	<0.5	µg/L	Q45025
sec-Butylbenzene	ND	1	<0.5	µg/L	Q45025
Styrene	ND	1	<0.5	µg/L	Q45025
tert-Butylbenzene	ND	1	<0.5	µg/L	Q45025
Tetrachloroethene	ND	1	<0.5	µg/L	Q45025
Toluene	ND	1	<0.5	µg/L	Q45025
trans-1,2-Dichloroethene	ND	2	<1	µg/L	Q45025
trans-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q45025
Trichloroethene	ND	2	<1	µg/L	Q45025
Trichlorofluoromethane	ND	2	<1	µg/L	Q45025
Vinyl acetate	ND	20	<10	µg/L	Q45025
Vinyl chloride	ND	2	<1	µg/L	Q45025

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# Level II QC Report

10/14/09

MACTEC Eng. & Consulting, Inc  
 Attn: Susan Kelly  
 1308 Patton Avenue  
 Asheville, NC 28806

Project ID: Mills Gap

COC Group Number: G1009063

Date/Time Submitted: 10/03/09 10:05

Laboratory Control Sample						
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	53	50	µg/L	106	62-141	Q45025
Benzene	56.19	50	µg/L	112	70-141	Q45025
Chlorobenzene	49.77	50	µg/L	100	88-120	Q45025
Toluene	54.81	50	µg/L	110	78-130	Q45025
Trichloroethene	61.92	50	µg/L	124	78-124	Q45025

Matrix Spike						
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
259695 1,1-Dichloroethene	1849.2	2000	µg/L	92	54-140	Q45025
Benzene	2060.4	2000	µg/L	103	62-129	Q45025
Chlorobenzene	1850.4	2000	µg/L	93	64-127	Q45025
Toluene	2003.2	2000	µg/L	100	60-131	Q45025
Trichloroethene	2054	2000	µg/L	103	52-128	Q45025

Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
259695 1,1-Dichloroethene	1832	2000	µg/L	92	54-140	1	0 - 20	Q45025
Benzene	2026.4	2000	µg/L	101	62-129	2	0 - 19	Q45025
Chlorobenzene	1794.8	2000	µg/L	90	64-127	3	0 - 20	Q45025
Toluene	1955.6	2000	µg/L	98	60-131	2	0 - 21	Q45025
Trichloroethene	1980.8	2000	µg/L	99	52-128	4	0 - 18	Q45025

#-See Case Narrative

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# CHAIN OF CUSTODY RECORD



449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543  
Phone: 704/529-6364 • Fax: 704/525-0409

Client Company Name: PRIMEC

Report To/Contact Name: Susan Kelly

Reporting Address: 1300 Patton Ave

Knoxville NC 37906

Phone: 828 252 4130 Fax (Yes) (No):

Email (Yes) (No) Email Address: skelly@primatec.com

EDD Type: PDF X Excel Other

Site Location Name: Wills Gap

Site Location Physical Address: Skyland NC

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING:

Project Name: Wills Gap Road

Short Hold Analysis: (Yes) (No) (No) UST Project: (Yes) (No) (No)

\*Please ATTACH any project specific reporting (QC LEVEL I II III IV)

provisions and/or QC Requirements

Invoice To: WATER

Address: 1105 Lakewood Pkwy Suite 300

Alpharetta GA 30009

Purchase Order No./Billing Reference 200902761

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days

"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Pre-Approved

Samples received after 15:00 will be processed next business day.

Turnaround time is based on business days, excluding weekends and holidays.

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES)

RENDERED BY PRISM LABORATORIES, INC. TO CLIENT

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVA- TIVES	ANALYSES REQUESTED	REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE				
<u>SP-01</u>			<u>water</u>							
<u>SPRING-01DS</u>	<u>10/1/09</u>	<u>1555</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259671</u>
<u>SPRING-02</u>	<u>10/1/09</u>	<u>1640</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259672</u>
<u>SPRING-03</u>	<u>10/1/09</u>	<u>1705</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259673</u>
<u>SPRING-04</u>	<u>10/1/09</u>	<u>1730</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259674</u>
<u>SW-01</u>	<u>10/1/09</u>	<u>1630</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259675</u>
<u>OW-1</u>	<u>10/1/09</u>	<u>1615</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259676</u>
<u>OW-2</u>	<u>10/1/09</u>	<u>1755</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259677</u>
<u>OW-3</u>	<u>10/1/09</u>	<u>1800</u>	<u>water</u>	<u>VOA</u>	<u>3</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>		<u>259678</u>

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: [Signature] Sampled By (Print Name): SUSAN KELLY Affiliation: MATEC

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature) [Signature] Received By: (Signature) FED EX Date: 10/1/09 Time: 1400

Relinquished By: (Signature) [Signature] Received By: (Signature) [Signature] Date: 10/3/09 Time: 10:05

Relinquished By: (Signature) [Signature] Received For Prism Laboratories By: [Signature] Date: 10/3/09 Time: 10:05

Method of Shipment: Hand-Delivered ☐ UPS ☐ Prism Field Service ☐ Other

NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

COC Group No. G1009063

PRISM USE ONLY

Site Arrival Time: \_\_\_\_\_

Site Departure Time: \_\_\_\_\_

Field Tech Fee: \_\_\_\_\_

Mileage: \_\_\_\_\_

SEE REVERSE FOR  
TERMS & CONDITIONS

ORIGINAL

\*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)