



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4**

Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

October 5, 2009

4SESD-EIB

MEMORANDUM

SUBJECT: Mills Gap Groundwater Contamination Site
Potable Water Investigation Final Report
Asheville, North Carolina
SESD Project Numbers 09-0724

FROM: Timothy Simpson, Environmental Scientist
Superfund and Air Section

THRU: Mike Bowden, Chief
Air and Superfund Section

TO: Carolyn Callihan, RPM
Superfund Site Evaluation Section
Superfund Division

Attached is the Final Report for the potable water sampling investigation conducted at the Mills Gaps Groundwater Contamination Site in Asheville, North Carolina. The investigation was conducted the week of September 28, 2009. If you have any questions, please call me at (706) 355-8736.

Attachment



10692962

SITE: Mills Gap Rd
BREAK: 2.2
OTHER: VSA

REGION 4
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SCIENCE AND ECOSYSTEM SUPPORT DIVISION

Site Investigation Report
Mills Gap Road Groundwater Contamination Site
Asheville, Buncombe County, North Carolina
Project Identification Number: 09-0724



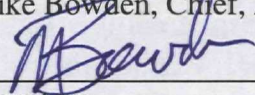
Remedial Project Manager:
Carolyn Callihan
Superfund Division
61 Forsyth Street, SW
Atlanta, Georgia 30303-8909

SESD Project Leader:
Tim Simpson
Science and Ecosystem Support Division
980 College Station Road
Athens, GA 30605

Project: Mills Gap Road Groundwater Contamination Site, Asheville, NC
SESD Project Identification Number: 09-0724

Approving Official:

Mike Bowden, Chief, Air and Superfund Section



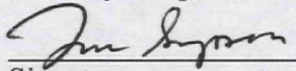
Signature

10/5/09

Date

Project Leader:

Timothy Simpson, Environmental Scientist, Air and Superfund Section



Signature

10/05/09

Date

**SAMPLING INVESTIGATION REPORT
MILLS GAP ROAD GROUNDWATER CONTAMINATION SITE
ASHEVILLE, NORTH CAROLINA
SESD PROJECT IDENTIFICATION NUMBER 09-0724**

Introduction

During the week of September 28, 2009 representatives of the United States Environmental Protection Agency (USEPA), Region 4, Science and Ecosystem Support Division (SESD), collected potable water samples from residential wells at the Mills Gap Road Groundwater Contamination Site in Asheville, North Carolina. The investigation was requested by Carolyn Callihan, Remedial Project Manager, Superfund Division, EPA Region 4, Atlanta, Georgia.

The following personnel participated in the investigation:

<u>Name</u>	<u>Organization</u>	<u>Duties</u>
Tim Simpson	Reg. 4 EPA/SESD	Project Leader
Marty Allen	Reg. 4 EPA/SESD	Field Project Leader, Sampler
Mike Crowe	Reg. 4 EPA/SESD	Sampler, FORMs

Site Background

The Mills Gap sampling investigation addressed immediate risks associated with volatile organic compound (VOC) contamination in potable wells located near the former CTS Plant. The Plant is located at 275 Mills Gap Road in Asheville, North Carolina (Latitude: 35.4933000, Longitude: -82.5063000).

Trichloroethene (TCE) is the primary contaminant of concern; however, elevated levels of other chlorinated solvents and petroleum constituents have been measured. The former electronics part manufacturing plant is a single building with a nine-acre perimeter fence. Forty-six acres of the original property have been redeveloped into residential properties.

SESD previously collected potable water samples from 34 residential properties at the site during the week of September 7, 2009. Four VOCs were detected in twelve samples collected during the previous sampling event

Sampling Investigation Summary

During September 28-29, 2009, SESD collected 13 potable water samples from 12 residential properties. Samples were collected for VOC analyses. Sampling location information is summarized in Table 1.

Prior to sample collection, the potable water was monitored for temperature, specific conductance, pH, and turbidity. The water parameter data are summarized in Table 2.

Analytical data were compared to National Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs) and USEPA Regional Screening Level (RSL) for tap water. MCLs are defined as the highest level of a contaminant level that is allowed in drinking water. MCLs are enforceable standards.

Sampling and Analytical Methodology

Sample collection activities were in accordance with the *Quality Assurance Project Plan, Mills Gap Road Groundwater Contamination Site, September 22, 2009* and EPA, Region 4 *SESD Field Branches Quality System and Technical Procedures*. The field investigation was conducted in accordance with the following procedures:

- SESDPROC-005-R1, Sample and Evidence Management
- SESDPROC-100-R2, Field pH Measurement
- SESDPROC-101-R2, Field Specific Conductance
- SESDPROC-102-R2, Field Temperature Measurement
- SESDPROC-103-R2, Field Turbidity
- SESDPROC-110-R2, Global Positioning System
- SESDPROC-010-R3, Logbooks
- SESDPROC-209-R1, Packing, Marking, Labeling, and Shipping of Environmental and Waste Samples

All samples were analyzed at the SESD laboratory in Athens, GA. Analyses were in accordance with the U.S. EPA, Region 4, *Analytical Support Branch Laboratory Operations and Quality Control Manual*, January 2009. The analytical method was EPA Method 8260C.

Analytical Results: VOCs

Analytical data are summarized in Table 3. A total of five confirmed VOCs were detected in three samples collected during the investigation. One tentatively identified compound (TIC) was identified in sample MG134909. A TIC is an analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been identified to confirm the compound's identification or the estimated concentration reported. The TIC reported for sample MG134909 was tetrahydrofuran (10NJ ug/L). It is not reported in Table 3 but appears in the analytical data report in Appendix A.

Chloromethane, chloroform, methyl tert-butyl ether (MTBE), 1,1-dichloroethane and tetrachloroethene were detected in sample MG132909. The level of the chloroform (0.27J ug/L) detected in the sample was below the 80 ug/L MCL for Total trihalomethanes (TTHMs). MCLs for the individual TTHM analytes do not exist. The sample exceeded the 0.19 ug/L RSL for chloroform. The level of tetrachloroethene (0.18J ug/L) detected did not exceed the 5.0 ug/L MCL; however, the sample exceeded the 0.11 ug/L tap water RSL for tetrachloroethene.

The level of 1,1-dichloroethane (0.12J ug/L) detected in sample MG132909 did not exceed the tap water RSL of 2.4 ug/L. The level of chloromethane (0.28J ug/L) detected was below the tap water RSL of 190 ug/L. The level of MTBE (0.11 J ug/L) detected was below the MTBE tap water RSL of 12 ug/L. There are no MCLs for 1,1-dichloroethane, chloromethane, and MTBE.

Chloroform (0.13J ug/L) and MTBE (1.2 ug/L) were detected in sample MG027909. The levels detected were below the tap water RSLs.

MTBE was detected in sample MG133909. It was below the MTBE tap water RSL.

No other VOCs, including TCE, were detected in any of the samples.

Quality Assurance Results

Quality assurance (QA) samples in the form of a split sample (samples MG128909 and MG128909D) and one trip blank were collected during the sampling investigation.

No VOCs were detected in either the primary or split sample.

VOCs were not detected in the trip blanks. This indicates that there was no cross contamination of the samples during the sampling event.

References

Quality Assurance Project Plan, Mills Gap Groundwater Contamination Site, September 22, 2009. SESD Project Number 09-0724.

Region 4 EPA *Field Branches Quality System and Technical Procedures*.
<http://www.epa.gov/region4/sesd/fbqstp/index.html>

SESD Analytical Support Branch Laboratory Operations and Quality Assurance Manual, January 2009.

DATA TABLES
MILLS GAP GROUNDWATER CONTAMINATION SITE
ASHEVILLE, BUNCOMBE COUNTY, NC
WEEK OF SEPTEMBER 28, 2009

TABLE 1
SAMPLE LOCATIONS
MILLS GAP GROUNDWATER CONTAMINATION SITE
WEEK OF SEPTEMBER 28, 2009
ASHEVILLE, BUNCOMBE COUNTY, NC

Station ID	Sample ID	N	W
MGPW024	MG024909	35.50019	-082.49362
MGPW026	MG026909	35.49899	-082.49395
MGPW027	MG027909	35.47779	-082.49531
MGPW120	MG120909	35.48883	-082.49191
MGPW126	MG126909	35.49520	-082.49118
MGPW128	MG128909	35.49903	-082.49372
MGPW129	MG129909	35.49712	-082.49133
MGPW130	MG130909	35.49575	-082.49161
MGPW131	MG131909	35.49627	-082.47749
MGPW132	MG132909	35.48153	-082.49541
MGPW133	MG133909	35.49142	-082.48832
MGPW134	MG134909	35.49360	-082.49136

TABLE 2
WATER PARAMETERS
MILLS GAP GROUNDWATER CONTAMINATION SITE
WEEK OF SEPTEMBER 28, 2009
ASHEVILLE, BUNCOMBE COUNTY, NC

Station ID	Sample ID	Temperature (Degrees C)	pH (Standard Units)	Specific Conductance (uS/cm)	Turbidity (NTU)
MGPW024	MG024909	15.9	6.04	42.4	0.18
MGPW026	MG026909	15.6	5.87	67.6	0.30
MGPW027	MG027909	14.7	5.67	97.4	0.96
MGPW120	MG120909	16.7	6.39	108.8	1.36
MGPW126	MG126909	16.9	5.99	99.8	0.20
MGPW128	MG128909	13.8	6.04	82.9	0.37
MGPW129	MG129909	15.8	6.03	60.7	0.19
MGPW130	MG130909	17.6	6.05	67.7	2.63
MGPW131	MG131909	17.3	6.20	89.4	0.05
MGPW132	MG132909	17.1	5.77	127.5	0.16
MGPW133	MG133909	15.3	6.47	193	0.18
MGPW134	MG134909	16.3	5.87	96.1	25.1

TABLE 3
VOC DATA TABLE
MILLS GAP GROUNDWATER CONTAMINATION SITE
WEEK OF SEPTEMBER 28, 2009
ASHEVILLE, BUNCOMBE COUNTY, NC

Station ID	Sample ID	Chloromethane (ug/L)	Chloroform (ug/L)	Tetrachloroethene (ug/L)	1,1-Dichloroethane (ug/L)	MTBE (ug/L)
MCL		N/A	80 ug/L*	5 ug/L	N/A	N/A
RSL (tap water)		190 ug/L	0.19 ug/L	0.11 ug/L	2.4 ug/L	12 ug/l
MGPW027	MG027909	0.50U	0.13J	0.50U	0.50U	1.2
MGPW132	MG132909	0.28J, Q-2	0.27J, Q-2	0.18J, Q-2	0.12J, Q-2	0.11J, Q-2
MGPW133	MG133909	0.50U	0.50U	0.50U	0.50U	1.2

RSL - Region 4 screening level tap water

MCL - Maximum contaminant level. *The MCL is for Total Trihalomethanes (TTHM)

U - The analyte was not detected at or above the reporting limit.

J - The identification of the analyte is acceptable; the reported value is an estimate.

Q-2 - Result greater than MDL but less than MRL

**APPENDIX A
ANALYTICAL DATA REPORTS
MILLS GAP ROAD GROUNDWATER CONTAMINATION SITE
ASHEVILLE, BUNCOMBE COUNTY, NC
WEEK OF SEPTEMBER 28, 2009**

**Volatile Organic Compounds Analytical Data Reports
(09-0724) (46 Total Pages)**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

October 1, 2009

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 09-0724, Mills Gap Road Groundwater Contamination
Superfund Remedial

FROM: Kristin Trapp
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Timothy Simpson

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:

Method Used:

Volatile Organics (VOA)

Volatile organic compounds

EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days

cc: Nardina Turner



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

SAMPLES INCLUDED IN THIS REPORT

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
QA801	E094004-01	Trip Blank - Water	9/29/09 13:30	9/30/09 10:25
MG024909	E094004-02	Potable Water	9/28/09 18:22	9/30/09 10:25
MG026909	E094004-03	Potable Water	9/29/09 09:50	9/30/09 10:25
MG027909	E094004-04	Potable Water	9/29/09 10:25	9/30/09 10:25
MG120909	E094004-05	Potable Water	9/28/09 14:20	9/30/09 10:25
MG126909	E094004-06	Potable Water	9/28/09 15:30	9/30/09 10:25
MG128909	E094004-07	Potable Water	9/29/09 09:10	9/30/09 10:25
MG128909D	E094004-08	Potable Water	9/29/09 09:12	9/30/09 10:25
MG129909	E094004-09	Potable Water	9/28/09 16:50	9/30/09 10:25
MG130909	E094004-10	Potable Water	9/28/09 16:20	9/30/09 10:25
MG131909	E094004-11	Potable Water	9/28/09 13:40	9/30/09 10:25
MG132909	E094004-12	Potable Water	9/28/09 12:40	9/30/09 10:25
MG133909	E094004-13	Potable Water	9/29/09 13:25	9/30/09 10:25
MG134909	E094004-14	Potable Water	9/28/09 15:00	9/30/09 10:25



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Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
NJ	Presumptive evidence that analyte is present: reported as a tentative identification with an estimated value.
Q-2	Result greater than MDL but less than MRL.
QM-3	Matrix Spike Precision outside method control limits

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: QA801

Lab ID: E094004-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/29/09 13:30

Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m, and/or p)-Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
568-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromotrifluoromethane	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



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D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: QA801

Lab ID: E094004-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/29/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-08-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: QA801

Lab ID: E094004-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/29/09 13:30

CIS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
127-18-3	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-56	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG024909

Lab ID: E094004-02

Station ID: MGPW024

Matrix: Potable Water

Date Collected: 9/28/09 18:22

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-0	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG024909**

Lab ID: **E094004-02**

Station ID: **MGPW024**

Matrix: Potable Water

Date Collected: 9/28/09 18:22

GLS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-90-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-3	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG024909

Lab ID: E094004-02

Station ID: MGPW024

Matrix: Potable Water

Date Collected: 9/28/09 18:22

GLS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG026909

Lab ID: E094004-03

Station ID: MGPW026

Matrix: Potable Water

Date Collected: 9/29/09 9:50

Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-8	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-3	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG026909

Lab ID: E094004-03

Station ID: MGPW026

Matrix: Potable Water

Date Collected: 9/29/09 9:50

CA# Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-1	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl t-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG026909

Lab ID: E094004-03

Station ID: MGPW026

Matrix: Potable Water

Date Collected: 9/29/09 9:50

C/A Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10 U		ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG027909**

Lab ID: **E094004-04**

Station ID: **MGPW027**

Matrix: Potable Water

Date Collected: 9/29/09 10:25

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m,p and/or p-Xylene)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG027909

Lab ID: E094004-04

Station ID: MGPW027

Matrix: Potable Water

Date Collected: 9/29/09 10:25

Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.13	J, Q-2	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.2		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG027909

Lab ID: E094004-04

Station ID: MGPW027

Matrix: Potable Water

Date Collected: 9/29/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG120909

Lab ID: E094004-05

Station ID: MGPW120

Matrix: Potable Water

Date Collected: 9/28/09 14:20

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-) Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-68-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG120909

Lab ID: E094004-05

Station ID: MGPW120

Matrix: Potable Water

Date Collected: 9/28/09 14:20

Number	Analyte	Residue/Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG120909

Lab ID: E094004-05

Station ID: MGPW120

Matrix: Potable Water

Date Collected: 9/28/09 14:20

CAS Number	Analyte	Results Qualifier	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (trichloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinylchloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG126909

Lab ID: E094004-06

Station ID: MGPW126

Matrix: Potable Water

Date Collected: 9/28/09 15:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m-and/or p-)Xylene	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-53-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50	U, J, QM-3	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG126909

Lab ID: E094004-06

Station ID: MGPW126

Matrix: Potable Water

Date Collected: 9/28/09 15:30

CIS Number	Analyte	Results - Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl t-Butyl Ether (MTBE)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG126909**

Lab ID: **E094004-06**

Station ID: **MGPW126**

Matrix: Potable Water

Date Collected: 9/28/09 15:30

Sample Number	Analyte	Results	Qualifiers	Units	MFL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG128909

Lab ID: E094004-07

Station ID: MGPW128

Matrix: Potable Water

Date Collected: 9/29/09 9:10

Lab Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m-and/or-p-)Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-19-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
368-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-68-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG128909**

Lab ID: **E094004-07**

Station ID: **MGPW128**

Matrix: Potable Water

Date Collected: 9/29/09 9:10

CAIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10051-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methyleyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG128909

Lab ID: E094004-07

Station ID: MGPW128

Matrix: Potable Water

Date Collected: 9/29/09 9:10

Sample Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinylchloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG128909D

Lab ID: E094004-08

Station ID: MGPW128

Matrix: Potable Water

Date Collected: 9/29/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m-and/orp-)Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-3	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG128909D

Lab ID: E094004-08

Station ID: MGPW128

Matrix: Potable Water

Date Collected: 9/29/09 9:12

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Unflagged	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-3	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-70-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG128909D**

Lab ID: **E094004-08**

Station ID: **MGPW128**

Matrix: Potable Water

Date Collected: 9/29/09 9:12

CIS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (trichloroethylene)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/30/09	9/30/09	EPA 8260C



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Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG129909

Lab ID: E094004-09

Station ID: MGPW129

Matrix: Potable Water

Date Collected: 9/28/09 16:50

GLS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-56-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-53-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG129909

Lab ID: E094004-09

Station ID: MGPW129

Matrix: Potable Water

Date Collected: 9/28/09 16:50

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon-12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-98-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG129909

Lab ID: E094004-09

Station ID: MGPW129

Matrix: Potable Water

Date Collected: 9/28/09 16:50

Lab Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG130909

Lab ID: E094004-10

Station ID: MGPW130

Matrix: Potable Water

Date Collected: 9/28/09 16:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m-and/or p)-Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG130909

Lab ID: E094004-10

Station ID: MGPW130

Matrix: Potable Water

Date Collected: 9/28/09 16:20

GLS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG130909

Lab ID: E094004-10

Station ID: MGPW130

Matrix: Potable Water

Date Collected: 9/28/09 16:20

GIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG131909**

Lab ID: **E094004-11**

Station ID: **MGPW131**

Matrix: Potable Water

Date Collected: 9/28/09 13:40

GLS Number	Analyte	Results	Qualifier	Units	MFL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromotorm	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG131909**

Lab ID: **E094004-11**

Station ID: **MGPW131**

Matrix: Potable Water

Date Collected: 9/28/09 13:40

Sample Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-28-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG131909

Lab ID: E094004-11

Station ID: MGPW131

Matrix: Potable Water

Date Collected: 9/28/09 13:40

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG132909

Lab ID: E094004-12

Station ID: MGPW132

Matrix: Potable Water

Date Collected: 9/28/09 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRI	Prepared	Analyzed	Method
R4-7166	(m- and/or p-) Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-68-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-26-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG132909

Lab ID: E094004-12

Station ID: MGPW132

Matrix: Potable Water

Date Collected: 9/28/09 12:40

SL Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.27 J, Q-2	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.28 J, Q-2	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon-12)	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.11 J, Q-2	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-5	Methylene Chloride	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG132909

Lab ID: E094004-12

Station ID: MGPW132

Matrix: Potable Water

Date Collected: 9/28/09 12:40

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.18	I, Q-2	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG133909

Lab ID: E094004-13

Station ID: MGPW133

Matrix: Potable Water

Date Collected: 9/29/09 13:25

Sample Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m-and/or p-Xylene	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-2	Bromoform	1.0 U		ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0 U		ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG133909

Lab ID: E094004-13

Station ID: MGPW133

Matrix: Potable Water

Date Collected: 9/29/09 13:25

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	1.2		ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG133909

Lab ID: E094004-13

Station ID: MGPW133

Matrix: Potable Water

Date Collected: 9/29/09 13:25

Number	Analyte	Results	Qualifier	Units	MDL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinylchloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: **MG134909**

Lab ID: **E094004-14**

Station ID: **MGPW134**

Matrix: Potable Water

Date Collected: 9/28/09 15:00

GLS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/30/09	9/30/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/30/09	9/30/09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 09-0724

Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG134909

Lab ID: E094004-14

Station ID: MGPW134

Matrix: Potable Water

Date Collected: 9/28/09 15:00

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/30/09	9/30/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C



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Project: 09-0724, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

Volatile Organics

Project: 09-0724, Mills Gap Road Groundwater Contamination

Sample ID: MG134909

Lab ID: E094004-14

Station ID: MGPW134

Matrix: Potable Water

Date Collected: 9/28/09 15:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/30/09	9/30/09	EPA 8260C
Tentatively Identified Compounds:								
R4-7525	Tetrahydrofuran (TIC)	10	NJ	ug/L		9/30/09	9/30/09	EPA 8260C

End of Report