

**REDACTED**



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 4**

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

September 14, 2009

**4SESD-EIB**

**MEMORANDUM**

**SUBJECT:** Mills Gap Groundwater Contamination Site  
Potable Water Investigation Final Report  
Asheville, North Carolina  
SESD Project Numbers 09-0700

**FROM:** Timothy Simpson, Environmental Scientist  
Superfund and Air Section

Handwritten signature of Timothy Simpson in black ink.

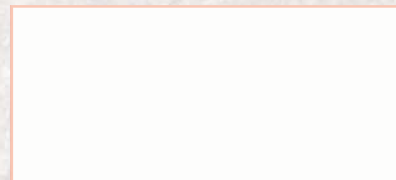
**THRU:** Mike Bowden, Chief  
Air and Superfund Section

Handwritten signature of Mike Bowden in black ink.

**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 7, 2009. If you have any questions, please call me at (706) 355-8736.

Attachment





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

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**Site Investigation Report**  
**Mills Gap Road Groundwater Contamination Site**  
**Asheville, Buncombe County, North Carolina**  
**Project Identification Number: 09-0700**

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

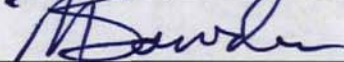
**SESD Project Leader:**  
Tim Simpson  
Science and Ecosystem Support Division  
980 College Station Road  
Athens, GA 30605



**Project: Mills Gap Road Groundwater Contamination Site, Asheville, NC**  
**SESD Project Identification Number: 09-0700**

**Approving Official:**

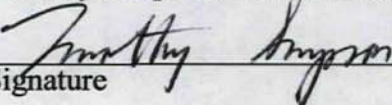
Mike Bowden, Chief, Air and Superfund Section

  
Signature

9/14/2009  
Date

**Project Leader:**

Timothy Simpson, Environmental Scientist, Air and Superfund Section

  
Signature

09/14/2009  
Date

**SAMPLING INVESTIGATION REPORT  
MILLS GAP ROAD GROUNDWATER CONTAMINATION SITE  
ASHEVILLE, NORTH CAROLINA  
SESD PROJECT IDENTIFICATION NUMBER 09-0700**

**Introduction**

During the week of September 7, 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 investigations:

<u>Name</u>	<u>Organization</u>	<u>Duties</u>
Tim Simpson	Reg. 4 EPA/SESD	Project Leader, Sampler
Linda George	Reg. 4 EPA/SESD	Project Leader, Sampler
Marty Allen	Reg. 4 EPA/SESD	Project Leader, Sampler
Brian Herndon	ILS	FORMs, Sampler
Ryan Stubbs	START Region IV	Sampling Support
Kelly Patten	START Region IV	Sampling Support
Amanda Miolen	START Region IV	Sampling Support

**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.

**Sampling Investigation Summary**

During September 8-10, 2009, SESD collected potable water samples from 34 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 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 four VOCs were detected in twelve samples collected during the sampling event. Chloromethane was detected in three samples ranging from 0.14J ug/L to 0.18J ug/L. The level detected was below the chloromethane RSL of 190 ug/L. For samples collected at Station MGPW113, chloromethane was detected in the primary sample collected at that station but not detected in the quality control split sample.

Dichlorodifluoromethane (Freon 12) was detected in three samples ranging from 0.35J ug/l to 1.4 ug/L. The level detected was below the dichlorodifluoromethan RSL of 390 ug/L.

Methyl tert-butyl ether (MTBE) was detected in two samples ranging from 0.13J ug/l to 0.15J ug/L. The level detected was below the MTBE RSL of 12 ug/L. MTBE is a

member of a group of chemicals commonly known as fuel oxygenates. Oxygenates are added to fuel to increase its oxygen content.

Chloroform was detected in four samples ranging from 0.14J ug/L to 0.34J ug/l. The levels of the chloroform detected in the four samples are below the 80 ug/L MCL for Total trihalomethanes (TTHMs). MCLs for the individual TTHM analytes do not exist. Two samples exceeded the 0.19 ug/L RSL for chloroform. Samples MG100909 (0.24 ug/L) and MG122909 (0.34J ug/L) exceeded the chloroform RSL for tap water.

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

### **Quality Assurance Results**

Quality assurance (QA) samples in the form of split samples (samples MG103909D and MG113909D) and trip blanks were collected during the sampling investigation.

Overall, the analytical results for the split samples compare well with the results reported for the primary sample. Chloromethane was detected in primary sample MG113909 (0.14J ug/L); however, it was not detected (0.05U ug/L) in the split sample (MG113909D). No other VOCs were detected in either the primary or split samples.

VOCs were not detected in either of the three 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, 2009.*

*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**  
**SEPTEMBER 2009**

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

Station ID	Sample ID	N	W
MGPW092	MG092909	35.50046	-82.50140
MGPW093	MG093909	35.50182	82.50191
MGPW094	MG094909	35.50062	82.50003
MGPW095	MG095909	35.50105	82.49982
MGPW096	MG096909	35.50097	82.49938
MGPW097	MG097909	35.50145	82.49935
MGPW098	MG098909	35.49293	82.48867
MGPW099	MG099909	35.50029	82.49251
MGPW100	MG100909	35.48898	82.48625
MGPW101	MG101909	35.49632	82.49307
MGPW102	MG102909	35.49255	82.48945
MGPW103	MG103909 MG103909D	35.48582	82.49855
MGPW104	MG104909	35.49268	82.49007
MGPW105	MG105909	35.48519	82.49762
MGPW106	MG106909	35.48617	82.49731
MGPW107	MG107909	35.48167	82.50472
MGPW108	MG108909	35.48246	82.50274
MGPW109	MG109909	35.48709	82.49534
MGPW110	MG110909	35.50211	82.49419
MGPW111	MG111909	35.49912	82.49443
MGPW112	MG112909	35.50272	82.491781
MGPW113	MG113909 MG113909D	35.49348	82.48999
MGPW114	MG114909	35.49546	82.49443
MGPW059	MG059909	35.49483	82.49319
MGPW116	MG116909	35.49381	82.48817
MGPW117	MG117909	35.49362	82.48920
MGPW118	MG118909	35.49539	82.48801
MGPW119	MG119909	35.49682	82.49043
MGPW121	MG121909	35.48659	82.49774
MGPW035	MG035909	35.48783	82.49.049
MGPW115	MG115909	35.49644	82.47716
MGPW122	MG122909	35.48886	82.48438
MGPW123	MG123909	35.49878	82.49593
MGPW124	MG124909	35.49457	82.48824



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

Station ID	Sample ID	Temperature (Degrees C)	pH (Standard Units)	Specific Conductance (uS/cm)	Turbidity (NTU)
MGPW092	MG092909	15.8	5.75	60.3	0.28
MGPW093	MG093909	14.9	5.85	120.2	0.89
MGPW094	MG094909	17.2	7.52	212.7	0.67
MGPW095	MG095909	16.2	7.33	168.2	4.25
MGPW096	MG096909	15.6	7.36	214.5	1.61
MGPW097	MG097909	16.5	7.31	214	0.37
MGPW098	MG098909	17	5.60	80.7	1.08
MGPW099	MG099909	14.7	5.54	55.7	0.49
MGPW100	MG100909	14.6	6.01	113.9	2.10
MGPW101	MG101909	16.5	6.25	56.6	0.19
MGPW102	MG102909	14.9	6.94	211	1.64
MGPW103	MG103909	15.8	6.74	171.8	1.31
MGPW104	MG104909	14.9	6.88	218.2	185
MGPW105	MG105909	17.2	6.04	45.7	0.56
MGPW106	MG106909	15.4	5.95	94.4	1.22
MGPW107	MG107909	16.1	6.52	123.4	0.96
MGPW108	MG108909	15.8	6.61	132.4	0.85
MGPW109	MG109909	15.5	5.34	89.5	0.51
MGPW110	MG110909	14.9	6.87	197.8	0.85
MGPW111	MG111909	15.1	6.49	128.2	0.61
MGPW112	MG112909	14.5	6.19	41.3	0.47
MGPW113	MG113909	15	5.77	85.7	0.74
MGPW114	MG114909	14.4	5.76	63.1	0.35
MGPW059	MG059909	14.6	6.29	73.3	0.40
MGPW116	MG116909	15.2	5.86	94.2	1.09
MGPW117	MG117909	14.9	5.99	79.2	26.5
MGPW118	MG118909	17.9	5.82	97.5	0.90
MGPW119	MG119909	16.3	6.47	141.3	0.87
MGPW121	MG121909	14.6	6.77	142.3	0.74
MGPW035	MG035909	15.5	5.74	115.3	0.67
MGPW115	MG115909	16	6.67	131.9	0.14
MGPW122	MG122909	15.6	6.16	135.9	0.19
MGPW123	MG123909	15.3	6.51	120.9	0.94
MGPW124	MG124909	15.3	5.69	86.6	1.04

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

Station ID	Sample ID	Chloromethane	Chloroform	Dichlorodifluoromethane (Freon 12)	MTBE (ug/L)
MCL		N/A	80 ug/L*	N/A	N/A
RSL (tap water)		190 ug/L	0.19 ug/L	390 ug/l	12 ug/l
MGPW095	MG095909	<b>0.17J</b>	0.5U	0.5U,J	0.5U,J
MGPW097	MG097909	<b>0.18J</b>	0.5U	0.5U,J	0.5U,J
MGPW099	MG099909	0.50U	<b>0.15J</b>	0.5U	0.5U,J
MGPW100	MG100909	0.50U	<b>0.24J</b>	0.5U	0.5U,J
MGPW102	MG102909	0.5U	0.5U	0.5U	<b>0.15J</b>
MGPW104	MG104909	0.5U	0.5U	0.5U	<b>0.13J</b>
MGPW106	MG106909	0.5U	<b>0.14J</b>	0.5U	0.5U,J
MGPW113	MG113909	<b>0.14J</b>	0.5U	0.5U	0.5U,J
MGPW113	MG113909D	0.5U	0.5U	0.5U	0.5U,J
MGPW116	MG116909	0.5U	0.5U	<b>0.35J</b>	0.5U,J
MGPW118	MG118909	0.5U	0.5U	<b>1.4</b>	0.5U,J
MGPW122	MG122909	0.5U	<b>0.34J</b>	0.5U	0.5U,J
MGPW124	MG124909	0.5U	0.5U	<b>0.75</b>	0.5U,J

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.



**APPENDIX A  
ANALYTICAL DATA REPORTS  
MILLS GAP ROAD GROUNDWATER CONTAMINATION SITE  
ASHEVILLE, BUNCOMBE COUNTY, NC**

**Volatile Organic Compounds Analytical Data Reports  
(09-0700) (122 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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

September 13, 2009

4SESD-ASB

**MEMORANDUM**

**SUBJECT:** FINAL Analytical Report  
Project: 09-0700, 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](http://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:

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**Volatile Organics (VOA)**

Volatile organic compounds

EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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**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](mailto:Colquitt.Debbie@epa.gov), and provide a reason for holding samples beyond 60 days

cc: Nardina Turner





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Region 4 Science and Ecosystem Support Division

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D.A.R.T. Id: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**SAMPLES INCLUDED IN THIS REPORT**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
QA900TW	E093702-01	Trip Blank - Water	9/9/09 16:00	9/10/09 10:50
MG035909	E093702-02	Potable Water	9/9/09 11:50	9/10/09 10:50
MG059909	E093702-03	Potable Water	9/9/09 10:55	9/10/09 10:50
MG092909	E093702-04	Potable Water	9/8/09 15:10	9/10/09 10:50
MG093909	E093702-05	Potable Water	9/9/09 09:18	9/10/09 10:50
MG094909	E093702-06	Potable Water	9/8/09 15:27	9/10/09 10:50
MG095909	E093702-07	Potable Water	9/9/09 09:55	9/10/09 10:50
MG096909	E093702-08	Potable Water	9/9/09 10:18	9/10/09 10:50
MG097909	E093702-09	Potable Water	9/9/09 10:46	9/10/09 10:50
MG098909	E093702-10	Potable Water	9/9/09 09:05	9/10/09 10:50
MG100909	E093702-11	Potable Water	9/9/09 09:10	9/10/09 10:50
MG101909	E093702-12	Potable Water	9/8/09 16:53	9/10/09 10:50
MG102909	E093702-13	Potable Water	9/9/09 10:00	9/10/09 10:50
MG103909	E093702-14	Potable Water	9/8/09 15:20	9/10/09 10:50
MG103909D	E093702-15	Potable Water	9/8/09 15:25	9/10/09 10:50
MG104909	E093702-16	Potable Water	9/9/09 10:40	9/10/09 10:50
MG105909	E093702-17	Potable Water	9/8/09 17:45	9/10/09 10:50
MG106909	E093702-18	Potable Water	9/8/09 16:24	9/10/09 10:50
MG107909	E093702-19	Potable Water	9/9/09 11:40	9/10/09 10:50
MG108909	E093702-20	Potable Water	9/8/09 17:05	9/10/09 10:50
MG109909	E093702-21	Potable Water	9/9/09 11:10	9/10/09 10:50
MG112909	E093702-22	Potable Water	9/9/09 11:25	9/10/09 10:50
MG113909	E093702-23	Potable Water	9/9/09 10:22	9/10/09 10:50
MG113909D	E093702-24	Potable Water	9/9/09 10:25	9/10/09 10:50
MG115909	E093702-25	Potable Water	9/9/09 14:10	9/10/09 10:50
MG117909	E093702-26	Potable Water	9/9/09 09:50	9/10/09 10:50
MG118909	E093702-27	Potable Water	9/9/09 14:05	9/10/09 10:50
MG119909	E093702-28	Potable Water	9/8/09 16:17	9/10/09 10:50
MG122909	E093702-29	Potable Water	9/9/09 14:42	9/10/09 10:50
MG124909	E093702-30	Potable Water	9/9/09 14:30	9/10/09 10:50
QA901TW	E093706-01	Trip Blank - Water	9/10/09 11:20	9/11/09 08:45
QA902TW	E093706-02	Trip Blank - Water	9/10/09 11:20	9/11/09 08:45
MG099909	E093706-03	Potable Water	9/10/09 09:55	9/11/09 08:45
MG110909	E093706-04	Potable Water	9/10/09 08:56	9/11/09 08:45



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MG111909	E093706-05	Potable Water	9/10/09 09:25	9/11/09 08:45
MG114909	E093706-06	Potable Water	9/10/09 09:45	9/11/09 08:45
MG116909	E093706-07	Potable Water	9/10/09 08:55	9/11/09 08:45
MG121909	E093706-08	Potable Water	9/10/09 11:05	9/11/09 08:45
MG123909	E093706-09	Potable Water	9/10/09 10:25	9/11/09 08:45



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### 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.
Q-2	Result greater than MDL but less than MRL.
QC-1	Analyte concentration low in continuing calibration verification standard
QC-3	Analyte calibration criteria not met
QL-1	Laboratory Control Spike Recovery less than method control limits
QM-1	Matrix Spike Recovery less than method control limits
QM-3	Matrix Spike Precision outside method control limits
QR-1	MRL verification recovery less than lower 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 ( <a href="http://www.epa.gov/srs">www.epa.gov/srs</a> ), 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.



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D.A.R.T. Id: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: QA900TW

Lab ID: E093702-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/9/09 16:00

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1, QR-1	ug/L	10	9/10/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/10/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/10/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: QA900TW

Lab ID: E093702-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/9/09 16:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: QA900TW

Lab ID: E093702-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/9/09 16:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/10/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG035909

Lab ID: E093702-02

Station ID: MGPW035

Matrix: Potable Water

Date Collected: 9/9/09 11:50

CAS Number	Analyte	Results Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1 QL-1	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG035909

Lab ID: E093702-02

Station ID: MGPW035

Matrix: Potable Water

Date Collected: 9/9/09 11:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, OR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, OL-1, OR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG035909**

**Lab ID: E093702-02**

**Station ID: MGPW035**

**Matrix: Potable Water**

**Date Collected: 9/9/09 11:50**

CAS Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG059909

Lab ID: E093702-03

Station ID: MGPW059

Matrix: Potable Water

Date Collected: 9/9/09 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG059909

Lab ID: E093702-03

Station ID: MGPW059

Matrix: Potable Water

Date Collected: 9/9/09 10:55

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG059909

Lab ID: E093702-03

Station ID: MGPW059

Matrix: Potable Water

Date Collected: 9/9/09 10:55

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0 U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG092909

Lab ID: E093702-04

Station ID: MGPW092

Matrix: Potable Water

Date Collected: 9/8/09 15:10

C/S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1 QL-1		ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG092909

Lab ID: E093702-04

Station ID: MGPW092

Matrix: Potable Water

Date Collected: 9/8/09 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1 QL-1, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG092909**

Lab ID: **E093702-04**

Station ID: **MGPW092**

Matrix: Potable Water

Date Collected: 9/8/09 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG093909

Lab ID: E093702-05

Station ID: MGPW093

Matrix: Potable Water

Date Collected: 9/9/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QM-1, QM-3	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG093909**

Lab ID: **E093702-05**

Station ID: **MGPW093**

Matrix: Potable Water

Date Collected: 9/9/09 9:18

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QM-1, QM-3, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG093909**

Lab ID: **E093702-05**

Station ID: **MGPW093**

Matrix: Potable Water

Date Collected: 9/9/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QM-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG094909

Lab ID: E093702-06

Station ID: MGPW094

Matrix: Potable Water

Date Collected: 9/8/09 15:27

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U	J, QC-1, QL-1	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG094909

Lab ID: E093702-06

Station ID: MGPW094

Matrix: Potable Water

Date Collected: 9/8/09 15:27

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0 U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50 U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG094909

Lab ID: E093702-06

Station ID: MGPW094

Matrix: Potable Water

Date Collected: 9/8/09 15:27

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG095909

Lab ID: E093702-07

Station ID: MGPW095

Matrix: Potable Water

Date Collected: 9/9/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG095909

Lab ID: E093702-07

Station ID: MGPW095

Matrix: Potable Water

Date Collected: 9/9/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.17	J, Q-2	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700; Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG095909

Lab ID: E093702-07

Station ID: MGPW095

Matrix: Potable Water

Date Collected: 9/9/09 9:55

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG096909**

Lab ID: **E093702-08**

Station ID: **MGPW096**

Matrix: Potable Water

Date Collected: 9/9/09 10:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-I, QL-I	ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG096909

Lab ID: E093702-08

Station ID: MGPW096

Matrix: Potable Water

Date Collected: 9/9/09 10:18

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, QC-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG096909**

**Lab ID: E093702-08**

**Station ID: MGPW096**

**Matrix: Potable Water**

**Date Collected: 9/9/09 10:18**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG097909

Lab ID: E093702-09

Station ID: MGPW097

Matrix: Potable Water

Date Collected: 9/9/09 10:46

C.45 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/10/09	9/10/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1		ug/L	10	9/10/09	9/10/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/10/09	9/10/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG097909

Lab ID: E093702-09

Station ID: MGPW097

Matrix: Potable Water

Date Collected: 9/9/09 10:46

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/10/09	9/10/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-87-3	Chloromethane	0.18	J, Q-2	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, Q-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U, J, Q-1	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/10/09	9/10/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, Q-1, Q-2	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG097909

Lab ID: E093702-09

Station ID: MGPW097

Matrix: Potable Water

Date Collected: 9/9/09 10:46

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1	ug/L	5.0	9/10/09	9/10/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/10/09	9/10/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/10/09	9/10/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG098909

Lab ID: E093702-10

Station ID: MGPW098

Matrix: Potable Water

Date Collected: 9/9/09 9:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-I, QL-I, QR-I	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG098909

Lab ID: E093702-10

Station ID: MGPW098

Matrix: Potable Water

Date Collected: 9/9/09 9:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG098909**

Lab ID: **E093702-10**

Station ID: **MGPW098**

Matrix: Potable Water

Date Collected: 9/9/09 9:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG100909

Lab ID: E093702-11

Station ID: MGPW100

Matrix: Potable Water

Date Collected: 9/9/09 9:10

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG100909

Lab ID: E093702-11

Station ID: MGPW100

Matrix: Potable Water

Date Collected: 9/9/09 9:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.24	J, Q-2	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG100909

Lab ID: E093702-11

Station ID: MGPW100

Matrix: Potable Water

Date Collected: 9/9/09 9:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG101909

Lab ID: E093702-12

Station ID: MGPW101

Matrix: Potable Water

Date Collected: 9/8/09 16:53

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-I, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG101909

Lab ID: E093702-12

Station ID: MGPW101

Matrix: Potable Water

Date Collected: 9/8/09 16:53

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0 U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50 U, J, QC-1 QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG101909**

**Lab ID: E093702-12**

**Station ID: MGPW101**

**Matrix: Potable Water**

**Date Collected: 9/8/09 16:53**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QL-1, QR-1, QC-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG102909

Lab ID: E093702-13

Station ID: MGPW102

Matrix: Potable Water

Date Collected: 9/9/09 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QM-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG102909**

Lab ID: **E093702-13**

Station ID: **MGPW102**

Matrix: Potable Water

Date Collected: 9/9/09 10:00

C.15 Number	Analyte	Results - Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
74-83-9	Bromomethane	2.0 U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.15 J, Q-2, QC-1, QL-1, QM-1, QM-3, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG102909

Lab ID: E093702-13

Station ID: MGPW102

Matrix: Potable Water

Date Collected: 9/9/09 10:00

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-42-5	Styrene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0 U, J, QC-1, QL-1, QM-1, QM-3, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG103909**

Lab ID: **E093702-14**

Station ID: **MGPW103**

Matrix: Potable Water

Date Collected: 9/8/09 15:20

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG103909

Lab ID: E093702-14

Station ID: MGPW103

Matrix: Potable Water

Date Collected: 9/8/09 15:20

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG103909

Lab ID: E093702-14

Station ID: MGPW103

Matrix: Potable Water

Date Collected: 9/8/09 15:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-I, QL-I, QR-I	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG103909D

Lab ID: E093702-15

Station ID: MGPW103

Matrix: Potable Water

Date Collected: 9/8/09 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1, QR-1		ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG103909D

Lab ID: E093702-15

Station ID: MGPW103

Matrix: Potable Water

Date Collected: 9/8/09 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG103909D**

**Lab ID: E093702-15**

**Station ID: MGPW103**

**Matrix: Potable Water**

**Date Collected: 9/8/09 15:25**

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG104909

Lab ID: E093702-16

Station ID: MGPW104

Matrix: Potable Water

Date Collected: 9/9/09 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-I, QL-I, QR-I	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG104909

Lab ID: E093702-16

Station ID: MGPW104

Matrix: Potable Water

Date Collected: 9/9/09 10:40

C15 Number	Analyte	Results	Qualifiers	Units	MRU	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.13	J, Q-2, QC-1, OL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG104909**

Lab ID: **E093702-16**

Station ID: **MGPW104**

Matrix: Potable Water

Date Collected: 9/9/09 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG105909**

Lab ID: **E093702-17**

Station ID: **MGPW105**

Matrix: Potable Water

Date Collected: 9/8/09 17:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QR-1, QR-1, QC-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG105909**

Lab ID: **E093702-17**

Station ID: **MGPW105**

Matrix: Potable Water

Date Collected: 9/8/09 17:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG105909

Lab ID: E093702-17

Station ID: MGPW105

Matrix: Potable Water

Date Collected: 9/8/09 17:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG106909

Lab ID: E093702-18

Station ID: MGPW106

Matrix: Potable Water

Date Collected: 9/8/09 16:24

C-15 Number	Analyte	Results	Qualifier	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1 QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG106909

Lab ID: E093702-18

Station ID: MGPW106

Matrix: Potable Water

Date Collected: 9/8/09 16:24

C.I.S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.14	J, Q-2	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG106909**

Lab ID: **E093702-18**

Station ID: **MGPW106**

Matrix: Potable Water

Date Collected: 9/8/09 16:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG107909

Lab ID: E093702-19

Station ID: MGPW107

Matrix: Potable Water

Date Collected: 9/9/09 11:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG107909**

**Lab ID: E093702-19**

**Station ID: MGPW107**

**Matrix: Potable Water**

**Date Collected: 9/9/09 11:40**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, OR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, OR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG107909

Lab ID: E093702-19

Station ID: MGPW107

Matrix: Potable Water

Date Collected: 9/9/09 11:40

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QC-3, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG108909

Lab ID: E093702-20

Station ID: MGPW108

Matrix: Potable Water

Date Collected: 9/8/09 17:05

CLL Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG108909

Lab ID: E093702-20

Station ID: MGPW108

Matrix: Potable Water

Date Collected: 9/8/09 17:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG108909**

Lab ID: **E093702-20**

Station ID: **MGPW108**

Matrix: Potable Water

Date Collected: 9/8/09 17:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-I, QL-I, QR-I	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG109909

Lab ID: E093702-21

Station ID: MGPW109

Matrix: Potable Water

Date Collected: 9/9/09 11:10

CAS Number	Analyte	Results, Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG109909

Lab ID: E093702-21

Station ID: MGPW109

Matrix: Potable Water

Date Collected: 9/9/09 11:10

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG109909**

Lab ID: **E093702-21**

Station ID: **MGPW109**

Matrix: Potable Water

Date Collected: 9/9/09 11:10

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QR-1, QC-1, QL-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG112909**

**Lab ID: E093702-22**

**Station ID: MGPW112**

**Matrix: Potable Water**

**Date Collected: 9/9/09 11:25**

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1, QL-1, QM-1, QM-3	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG112909

Lab ID: E093702-22

Station ID: MGPW112

Matrix: Potable Water

Date Collected: 9/9/09 11:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QM-1, QM-3, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QM-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG112909

Lab ID: E093702-22

Station ID: MGPW112

Matrix: Potable Water

Date Collected: 9/9/09 11:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QM-1, QM-3, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon-11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG113909

Lab ID: E093702-23

Station ID: MGPW113

Matrix: Potable Water

Date Collected: 9/9/09 10:22

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG113909

Lab ID: E093702-23

Station ID: MGPW113

Matrix: Potable Water

Date Collected: 9/9/09 10:22

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.14	J, Q-2	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG113909

Lab ID: E093702-23

Station ID: MGPW113

Matrix: Potable Water

Date Collected: 9/9/09 10:22

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QR-1, QC-1, QL-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG113909D

Lab ID: E093702-24

Station ID: MGPW113

Matrix: Potable Water

Date Collected: 9/9/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1, QR-1	ug/L	10	9/11/09	9/11/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/11/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG113909D

Lab ID: E093702-24

Station ID: MGPW113

Matrix: Potable Water

Date Collected: 9/9/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/11/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/11/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QL-1, QR-1	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG113909D**

Lab ID: **E093702-24**

Station ID: **MGPW113**

Matrix: Potable Water

Date Collected: 9/9/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/11/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/11/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/11/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG115909

Lab ID: E093702-25

Station ID: MGPW115

Matrix: Potable Water

Date Collected: 9/9/09 14:10

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG115909

Lab ID: E093702-25

Station ID: MGPW115

Matrix: Potable Water

Date Collected: 9/9/09 14:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG115909**

Lab ID: **E093702-25**

Station ID: **MGPW115**

Matrix: Potable Water

Date Collected: 9/9/09 14:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG117909

Lab ID: E093702-26

Station ID: MGPW117

Matrix: Potable Water

Date Collected: 9/9/09 9:50

C-15 Number	Analyte	Results - Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1 QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0 U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0 U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG117909

Lab ID: E093702-26

Station ID: MGPW117

Matrix: Potable Water

Date Collected: 9/9/09 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon-12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG117909**

Lab ID: **E093702-26**

Station ID: **MGPW117**

Matrix: Potable Water

Date Collected: 9/9/09 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG118909

Lab ID: E093702-27

Station ID: MGPW118

Matrix: Potable Water

Date Collected: 9/9/09 14:05

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG118909

Lab ID: E093702-27

Station ID: MGPW118

Matrix: Potable Water

Date Collected: 9/9/09 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	1.4		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG118909

Lab ID: E093702-27

Station ID: MGPW118

Matrix: Potable Water

Date Collected: 9/9/09 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG119909

Lab ID: E093702-28

Station ID: MGPW119

Matrix: Potable Water

Date Collected: 9/8/09 16:17

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG119909

Lab ID: E093702-28

Station ID: MGPW119

Matrix: Potable Water

Date Collected: 9/8/09 16:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG119909**

**Lab ID: E093702-28**

**Station ID: MGPW119**

**Matrix: Potable Water**

**Date Collected: 9/8/09 16:17**

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG122909

Lab ID: E093702-29

Station ID: MGPW122

Matrix: Potable Water

Date Collected: 9/9/09 14:42

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG122909

Lab ID: E093702-29

Station ID: MGPW122

Matrix: Potable Water

Date Collected: 9/9/09 14:42

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.34	J, Q-2	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG122909

Lab ID: E093702-29

Station ID: MGPW122

Matrix: Potable Water

Date Collected: 9/9/09 14:42

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG124909

Lab ID: E093702-30

Station ID: MGPW124

Matrix: Potable Water

Date Collected: 9/9/09 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-I, QL-I	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG124909**

Lab ID: **E093702-30**

Station ID: **MGPW124**

Matrix: Potable Water

Date Collected: 9/9/09 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.75		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG124909**

Lab ID: **E093702-30**

Station ID: **MGPW124**

Matrix: Potable Water

Date Collected: 9/9/09 14:30

C15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: QA901TW

Lab ID: E093706-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/10/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: QA901TW

Lab ID: E093706-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/10/09 11:20

CAS Number	Analyte	Results/Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0 U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50 U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: QA901TW

Lab ID: E093706-01

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/10/09 11:20

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: QA902TW

Lab ID: E093706-02

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/10/09 11:20

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1 QL-1		ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: QA902TW

Lab ID: E093706-02

Station ID:

Matrix: Trip Blank - Water

Date Collected: 9/10/09 11:20

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, OR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, OR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: QA902TW**

**Lab ID: E093706-02**

**Station ID:**

**Matrix: Trip Blank - Water**

**Date Collected: 9/10/09 11:20**

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG099909

Lab ID: E093706-03

Station ID: MGPW099

Matrix: Potable Water

Date Collected: 9/10/09 9:55

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0 U		ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0 U		ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U, J, QC-1 QL-1		ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0 U		ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50 U		ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0 U		ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG099909

Lab ID: E093706-03

Station ID: MGPW099

Matrix: Potable Water

Date Collected: 9/10/09 9:55

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.15	J, Q-2	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG099909

Lab ID: E093706-03

Station ID: MGPW099

Matrix: Potable Water

Date Collected: 9/10/09 9:55

CIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG110909

Lab ID: E093706-04

Station ID: MGPW110

Matrix: Potable Water

Date Collected: 9/10/09 8:56

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG110909

Lab ID: E093706-04

Station ID: MGPW110

Matrix: Potable Water

Date Collected: 9/10/09 8:56

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG110909**

**Lab ID: E093706-04**

**Station ID: MGPW110**

**Matrix: Potable Water**

**Date Collected: 9/10/09 8:56**

CMS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG111909

Lab ID: E093706-05

Station ID: MGPW111

Matrix: Potable Water

Date Collected: 9/10/09 9:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG111909

Lab ID: E093706-05

Station ID: MGPW111

Matrix: Potable Water

Date Collected: 9/10/09 9:25

C-15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG111909

Lab ID: E093706-05

Station ID: MGPW111

Matrix: Potable Water

Date Collected: 9/10/09 9:25

C.I.S. Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG114909**

Lab ID: **E093706-06**

Station ID: **MGPW114**

Matrix: Potable Water

Date Collected: 9/10/09 9:45

Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG114909

Lab ID: E093706-06

Station ID: MGPW114

Matrix: Potable Water

Date Collected: 9/10/09 9:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG114909

Lab ID: E093706-06

Station ID: MGPW114

Matrix: Potable Water

Date Collected: 9/10/09 9:45

C.I.S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG116909

Lab ID: E093706-07

Station ID: MGPW116

Matrix: Potable Water

Date Collected: 9/10/09 8:55

C.15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1 QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG116909

Lab ID: E093706-07

Station ID: MGPW116

Matrix: Potable Water

Date Collected: 9/10/09 8:55

CLIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.35	J, Q-2	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG116909

Lab ID: E093706-07

Station ID: MGPW116

Matrix: Potable Water

Date Collected: 9/10/09 8:55

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0 U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50 U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: MG121909

Lab ID: E093706-08

Station ID: MGPW121

Matrix: Potable Water

Date Collected: 9/10/09 11:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: MG121909

Lab ID: E093706-08

Station ID: MGPW121

Matrix: Potable Water

Date Collected: 9/10/09 11:05

C15 Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG121909**

Lab ID: **E093706-08**

Station ID: **MGPW121**

Matrix: Potable Water

Date Collected: 9/10/09 11:05

CATS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

## Volatile Organics

Project: 09-0700, Mills Gap Road Groundwater Contamination

Sample ID: **MG123909**

Lab ID: **E093706-09**

Station ID: **MGPW123**

Matrix: Potable Water

Date Collected: 9/10/09 10:25

CAIS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U, J, QC-1, QL-1	ug/L	10	9/11/09	9/12/09	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	9/11/09	9/12/09	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

Sample ID: **MG123909**

Lab ID: **E093706-09**

Station ID: **MGPW123**

Matrix: Potable Water

Date Collected: 9/10/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/11/09	9/12/09	EPA 8260C
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-00-3	Chloroethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/11/09	9/12/09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U, J, QC-1 QR-1	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	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: 09-0700

Project: 09-0700, Mills Gap Road Groundwater Contamination - Reported by Kristin Trapp

**Volatile Organics**

**Project: 09-0700, Mills Gap Road Groundwater Contamination**

**Sample ID: MG123909**

**Lab ID: E093706-09**

**Station ID: MGPW123**

**Matrix: Potable Water**

**Date Collected: 9/10/09 10:25**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-42-5	Styrene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	5.0	U, J, QC-1, QL-1, QR-1	ug/L	5.0	9/11/09	9/12/09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/11/09	9/12/09	EPA 8260C
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	9/11/09	9/12/09	EPA 8260C

**End of Report**

Asheville, NC

[illegible]

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.



09-08-2009

START TIME - 0800

Departed Athens via Gov - 10:00

Arr Asheville, NC - 14:00

Safety meeting

Tim Simpson (TS) project leader  
 Linda George - sampler / safety officer  
 Marty Allen - sampler  
 Brian Herndon - ILS  
 FORMS, Sampler

Two Teams

- Simpson / Herndon
- George / Allen

TS

09/08/09

09-08-09

Additional property

- HOLD

- Sampled by State in 07

- NO well station #

other locations

access ✓

- verbal access

- SICK

Note - check well depth tags

TS

09/08/2009

## Instrument Calibration/Verification

9/8/09

Turbidimeter HACH Model 2100P

SESD ID 010100027647 Cal Date: 8/5/09

std value 4.13 52.0 531

Reading 4.35 52.3 531 NTUs

 $\pm 10\%$  (3.71-4.59) (46.8-57.2) (478-584)

Turbidity lot # A9064

Orion 4 star pH/Temp/Conductivity SESD ID: 100907-07

Temp. Verification - NIST Thermometer 9/8/09

NIST = 29.2°C Orion Cond. Probe = 29.8°C

NIST Fischer Scientific SESD ID: 020807-06

Next Cal. Due: 2/10/09

Conductivity Calibration Pre-Reading: 1400  $\mu$ S/cmCal Point: 1413  $\mu$ S/cmPost-Cal Reading: 1402  $\mu$ S/cm

pH Calibration 4 7 10

pre-Cal Reading 3.96 5.86 7.82

Cal. Points

Post-Cal Reading 4.00 6.98 9.90

slope = 100.5

Standard Lot information

Cond. Std. 1413  $\mu$ S/cm, Mfg. Thermo, lot # MRK, exp. 9/2010

pH 4, Mfg. Thermo, lot # 2809533, exp. 9/2010

pH 7, Mfg. Thermo, lot # 2810392, exp. 10/2010

pH 10, Mfg. Thermo, lot # 2810297, exp. 4/2010

All calibrations conducted on-site by B. Herndon (JLS)

between 1420-1435

9/8/09

Tim Simpson - Project leader (TS)  
 Brian Herndon - Sampler (B.H.)  
 - Perms

Samples collected in accordance to  
 SESD PROC-305 GPS in accordance  
 to SESD PROC-110-R2.

The following meters were used on 09/08/09:  
 Garmin - SESD ID # 073108-02  
 used to collect gps data.

4 Star meter used (pH, Temp, Cond.)  
 - SESD ID # 100907-07  
 NIST Thermometer # 020807-06  
 Turbidimeter - HACH  
 - SESD ID 010100027647

11  
 9/8/09

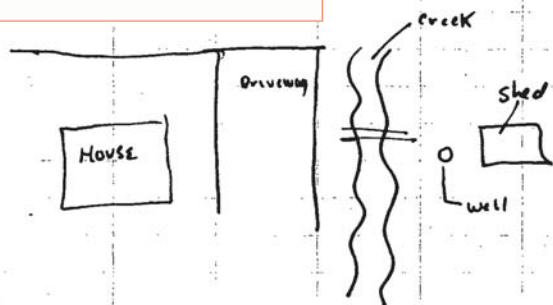
09-08-09

Station MGPW092

Sample MG092909

M:53 Tap turned on Collected parameter  
through garden hose. Tap located at house,  
to the right side of the drive way.  
The well is located in front of  
a small shed to left of the driveway

Note: No Tap at well, Sample collected  
at house tap, next to Air conditioner.



GPS: 35.50046 N  
82.50140 W  $\pm 16 ft$

Station MGPW092

9/8/09

Time	Temp	pH	cond	Turb
14:54	19.5	5.76	59.8	1.39
14:59	15.7	5.74	60.0	0.23
15:05	15.8	5.75	60.3	0.28

Grab Sample collected for VOCs, Clear color

Sample collected by Tim Simpson

Sample Time - 15:10

Parameters collected / lead by Brian Nunda

collected 3 40 ml vials (VOAs)

VOAs pre-preserved with HCL

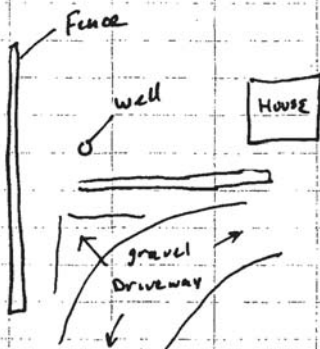
Samples placed on ice.

09/08/2009

station MGPW094

Sample ID MGP094909

15:18 Tap started. Tap located at well head  
collected parameters through hose. Samples  
collected directly from tap (Tap at well).



GPS N 35.50062° ± 17m  
W 082.50003

STATION MGPW094

9/08/09

time	temp	pH	COND	Turb
15:24	15.4	7.56	213.4	0.96
15:27	16.9	7.54	213.4	0.49
15:31	17.2	7.54	211.9	0.58
15:33	17.2	7.52	212.7	0.67

Sample - clear color

Grab sample collected for VOCs

Sample collected by Tim Simpson

Sample time - 15:37

Collected 3 vials

pre-preserved w/ HCl

Samples placed on ice  
parameters (pH, temp, etc) collected + read  
by Brina Herndon

18  
9/8/09



MG-PW119

9-8-09

Station 119 (MG-PW119)

Sample MG-119-909

Note: Well has PSI-PS whole house

Filter cartridge - Removes sediment.

~~15:58 Tap was on when we arrived 9-8-09~~

15:58 Purge started



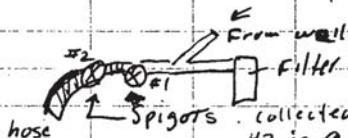
well



Dog in Fence

parameters collected from hose by Brian

Merndon Note - Very steep driveway.

collected from spigot #1.  
#2 is a hose that goes  
to lower spigotGPS Data - N 35.49682° ±21 ft  
W 082.49043°

MG-PW119

9-8-09

time	temp	pH	cond	Turb
15:58	15.3°C	6.43	112.2	0.67
16:03	15.3°C	6.52	121.9	0.18
16:09	15.7°C	6.52	128.1	0.80
16:13	16.3°C	6.47	141.3	0.87

- samples clear in color

sample time - 16:17

sampler - Tim Simpson

Grab sample collected for VOCs

- collected 3 40 ml vials

- preserved w/ HCL

Sampler placed on ice.

Note - First parameter time

is 15:58 15:58

78  
9/8/09

13/9/09

STATION M6101 PW101

9-8-09

Sample M6101909

Well located behind house - not accessible.

16:35 Turned Tap on.

Tap is inside house. Tap at  
Kitchen sink. Parameters collected by  
Brian Hernandez



Note: well was covered. Unable  
to access. Had to collect from  
Kitchen sink. No filter system  
is used at the property.

Samples - clear color

GPS data N 35.49632° ±26 ft  
W 082.49307°

M6PW101

9-8-09

time	temp	pH	cond	Turb
1640	17.7°C	6.13	56.7	0.17
1644	17.3	6.16	54.6	0.23
1651	16.5	6.25	56.6	0.19

grab sample collected for VOCs. Collected  
3 VOC vials. Vials pre preserved  
w/ HCl. Samples collected by  
Tim Simpson.

sample time - 16:53

samples placed on ice.  
Chain of custody maintained  
for all samples. 13/9/09

13  
9/8/09

9/8/09

## Post-Operations Instrument Verifications

Orion 4 star pH/Temp/Cond. SESO ID: 100407-07

VIST Thermometer, Fischen Scientific SESO ID: 020807-06

NIST = 24.5°C Cond. Probe = 25.0°C

pH Verification std = 4.01 7.0 10.0  
 Reading = 4.04 7.01 9.97

Conductivity Verification std = 1413  $\mu$ S/cm  
 Orion = 1420  $\mu$ S/cm

## Turbidity Verification

std 4.13 52.0 531 NTUs

Reading 4.38 52.6 529 NTUs

±1.10% (3.71-4.59) (46.8-57.2) (478-584)

- See page 4 for standard lot information.

All post-operations verifications conducted by B. Linden  
 in hotel parking lot 1748-1750.

- SAMPLES PROCESSED (Bagged + tagged)

13  
 09/09/2009

09/09/09

START TIME 0730 MET START Contractors

## Set # Instrument Calibration/Verification

HACH Turbidimeter Model 2100P SESO ID: 990400021398

std 5.00 50.4 516

#1 Reading 5.17 54.1 504 NTUs

±1.10% (4.5-5.5) (45.4-55.4) (464-528)

HACH Turbidimeter Model 2100P, SESO ID: 010100027647

std 4.13 52 531

#2 Reading 3.85 51.8 529 NTUs

±1.10% (3.71-4.54) (46.8-57.2) (478-584)

HACH Turbidimeter Model 2100P SESO ID: 010400028541

std 4.02 52.9 532

#3 Reading 3.99 53.4 534 NTUs

±1.10% (3.61-4.42) (47.6-58.2) (478-585)

Orion 4 Star SESO ID: 100907-08

Temp. Verification of Cond. Probe Orion = 18.8°C NIST = 18.4°C

Cond. Calibration/Verification Poe = 1397 Cal Point = 1400

Post = 1410  $\mu$ S/cm

pH Calibration/Verification 2 point 7.4 slope = 99.2

Verification pH 4.01 7.0 10.0

Reading 4.02 6.99 9.98

9/9/9

## Instrument Calibration/Verification

Orion 4 Star SESD ID: 100907-10

Temp. Verification of Cond. Probe Orion = 19.0°C NIST = 18.6°C

Conductivity Calibration/Verification Pre = 1401  $\mu$ S/cmCal Point = 1413  $\mu$ S/cm Post = 1422  $\mu$ S/cm

pH Calibration/Verification 2 point 7.4 slope = 98.7

Verification of pH 4.01 7.00 10.00

3.93 6.98 9.98

Orion 4 Star SESD ID: 100907-07

Temp. Verification of Cond. Probe Orion = 19.1°C NIST = 18.8°C

pH & stars Cond. Calibration/Verification Pre = 1399  $\mu$ S/cmCal Point of 1413  $\mu$ S/cm Post = 1423  $\mu$ S/cm

pH Calibration/Verification 2 point 7.4 slope = 100.5

Verification of pH 4.01 7.00 10.00

3.99 6.98 9.97

- See page 4 for lot information

- All calibrations/Verifications conducted by  
B. Herndon at hotel between 0735-0815

Note: Start Contractors

Amanda Molen, Kelly Patten, Ryan Stubbs

Team - Ryan + Linda

Team - Kelly Patten

9/9/09

## Sample Team:

Tim Simpson, EPA

Brian Herndon, ILS

Amanda Molen - OTI (Atlanta)

- Training. Will NOT

sample. Will observe

EPA sampling.

## Meters Used

HACH Turbidimeter - 010100027647

GPS - Garmin = 4073108-02

pH (conductivity meter) - 100907-07

(4 Star)

NIST Thermometer 020807-04

08:30 -

Fresh

Samples placed on ice in van

## Notes: Trip Blank (water)

QA 900 TW - Simpson/Herndon/Molen

QA 901 TW - Marty/Kelly Patten

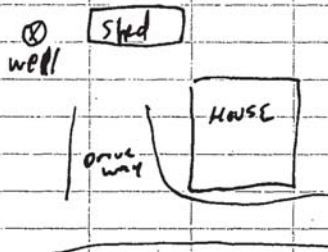
QA 902 TW - Linda/Ryan Stubbs

MG-PW093

9-9-09

Station ~~MG-043909~~ <sup>73</sup>  
 sample 20 mL 092009

well approx 400 ft <sup>73</sup> 9/9/09  
 casing depth 61 ft  
 Total depth 320 ft  
 Purge started @ 0855



collected sample from spigot at  
 well head. sample was clear  
 in color

GPS N 35.50182° ±13 ft  
 W 082.50191°

9-9-09

MG-PW093

Time	Temp	pH	cond	Turb
903	14.9	6.32	161.9	0.23
907	14.9	5.84	116.5	0.21
911	14.8	5.74	113.2	0.20
915	14.9	5.85	120.2	0.89

Note - Well serves 85 + 81

Sampler - Team Simpson  
 Sample time 918

Grab sample. MS/MSD location  
 Vols only. Collected 9 40 mL  
 vials. Vials pre-preserved w/HCL.  
 Samples placed on ice.

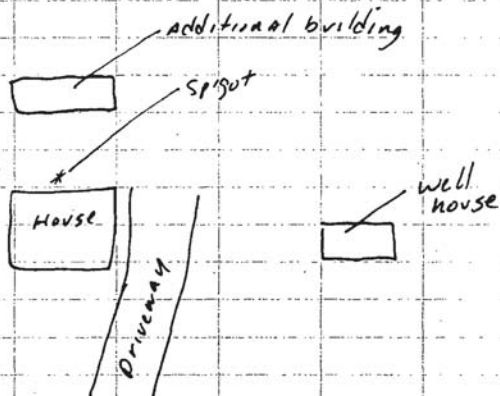


9-9-09

Station MG-PW095

Sample MG 095909

Tap Turned on 0932



-collected from spigot behind house. well was deep into well house. Hard to Access due to All of the insulation

GPS N 35.50105° ±13ft  
W 082.49982°

9-9-09

MG PW 095

time	temp	pH	cond	Turb
934	19.7	7.18	186.5	4.20
939	18.4	7.25	186.1	4.07
942	17.1	7.39	186.2	4.00
948	15.8	7.43	186.4	4.73
951	16.2	7.33	186.2	4.25

Parameters taken by B. Herndon

grab sample  
collected VOCs only - 3 VOA vials  
VOAs pre preserved w/HCl

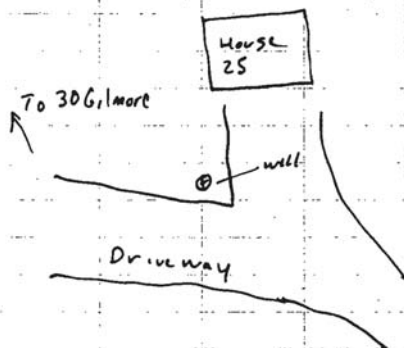
Sampler - Tim Simpson  
Sample time 955

Samples placed on ice

9/9/09

station MG PW096  
MG 096909

Tap turned on - 10:03  
Casing depth 36  
Total depth 525 ft



Sample - clear color

GPS N 35.50097 ±16 ft  
W 082.49938

9/9/9

MG PW096

time	Temp	pH	cond	Turb
1007	15.1°C	7.27	214.8	1.01
1011	15.1°C	7.37	214.6	1.07
1016	15.6	7.36	214.5	1.61

Parameters taken by B. Herndon

Grab sample

- collected 3 40 ml vials (VOAs)

- pre-preserved w/HCl

Sampler Tim Simpson

sample time - 1018

collected from tap at well

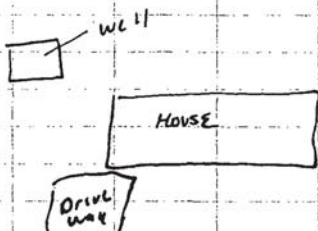
Samples placed on ice in van.



9-9-09

Station MGPW097  
 Sample MGPW097909

Tap Turned on @ 10:29



Collected from tap at well. Sample  
 was clear in color.

Note

                     off of Chapel Hill church  
 Rd.

GPS N35.50145° E 13 ft  
~~W085.44435~~ 75 9/9/09  
 W082.44435°

9-9-09

MGPW097

Time	Temp	pH	Cond	Turb
1031	14.8°	7.32	214.6	0.77
1036	16.4°	7.37	214.5	0.36
1041	16.5°	7.31	214.4	0.32
1044	16.5°	7.31	214.0	0.37

parameters collected by Brian Herndsen

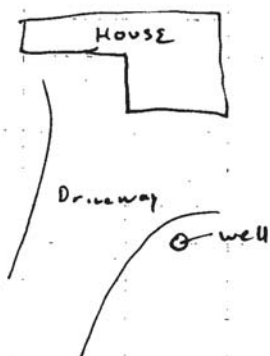
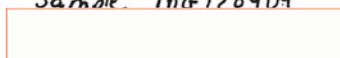
Sampler - Tim Simpson  
 Sample time - 1046

collected 3 vials (UOC Analyzed)  
 pre preserved with HCl  
 Grab sample  
 sampler placed on ice.

Ice in cooler checked, good condition

Station MGPW120

Sample MGP120909



collected sample from top of well. 9/9/09  
Purge start @

GPS N 35.48881° ± 17ft  
W 082.49199°

9/9/09

9/9/09

time	temp	pH	cond	Turb
28 9/9/09				
13 9/9/09				

Notes

11:10 - Arrived At location

11:15 - Pump is turned off. unable to collect water sample

11:17 - Departed site.

11:20 - Spoke to owner. They are out of town and turned pump off. They will not be back until next week. Will need to reschedule.

9/9/09

Station MG-PW-035

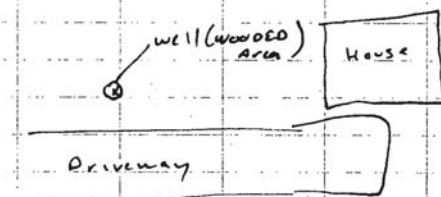
Sample MG-035-909

Vacant property

11:25 Arrived at property

No well information Available

1130 Purge started



collected sample from tap at well. water  
appeared rust colored when tap cut on.  
Cleared up in a few seconds.

GPS N 35.48783°  
W 082.49049

± 19 ft

9/9/09

MG-PW-035

time	TEMP	pH	COND	Turb
1130	14.3	5.83	113.7	0.81
1135	16.0	5.83	114.6	0.63
1141	14.5	5.84	115.1	0.32
1145	15.5	5.74	115.3	0.67

Sample time - 1150

Sampler - Tim Simpson

collected 3 vials  
grab sample - preserved with HCl  
parameters collected by Brian Herndon  
samples placed on ice

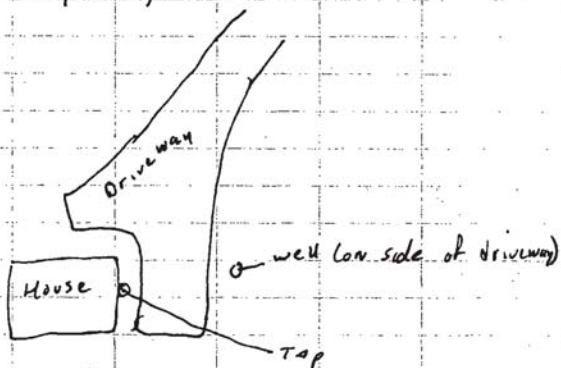
samples - clear color

MS  
09/9/09

9/9/09

station MG PW15  
 sample # 0 MG 115 909

1300 - Arrive on site. Rain + Lightning  
 1323 - Heavy rain, hail.



1354 - purge started

collected from tap at side of house.  
 Heavy cement top and insulation in well. Due to rain, did not remove cover.

GPS data N 35.49644 ± 14 ft  
 W 082.47716

9/9/09

MG PW15

Time	Temp	pH	Cond	Turbidity
1355	16.7	6.79	132.5	0.14
1401	15.8	6.73	132.7	1.09
1406	16.02	6.67	131.9	0.14

sample time - 14:10  
 Sampler - Tim Simpson

collected a grab sample for VOC  
 Analyses. 3 40 ml vials collected.  
 Pre preserved w/ HCL. Clear  
 water sample.

Samples placed on ice.

16:13 -

No treatment system on well.  
 Spoke to home owner



9-9-09

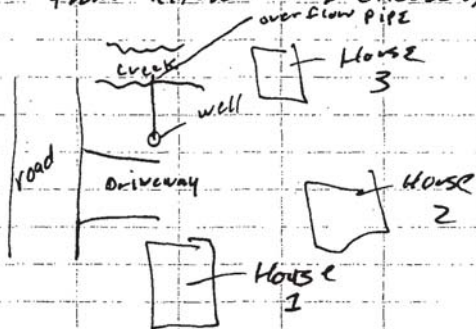
Station MGPW 122

Sample ID MGPW 122 909

Note - 3 homes on well.

1426 purge start

- no tap on well. Must collect sample  
from kitchen tap (House 1),



GPS N 35.48886° ± 16 ft  
W 082.48438°

sample was clear. Note - house had  
a strong cigarette smell.

9-9-09

Station MGPW 122

time	temp	pH	Cond	Turb
1429	15.3°C	6.25	139.2	0.31
1433	15.4°C	6.15	133.2	0.20
1438	15.6°C	6.16	135.9	0.19

Parameters taken by B. Horn -  
collected grab sample - VOCs  
- 3 40 ml vials collected  
- pre preserved w/HCL  
Sample time: 1442

Samples placed on ice

1440 - Heavy Rain, called off sampling  
Returned to Hotel

9/9/09

Post cal check of meters

15:15 by Tim Simpson

HACH Turbidimeter

Standard	reading	±10%
4.13	4.36	yes
52	53.2	yes
531	533	yes

Thermo Orion 4 Star pH meter

Temp reading (meter) — 19.1°C

W.1.T thermometer 20.1<sup>±0.1</sup> 9/9/09 - 19.2°C1413 Conductivity Standard  
- read 1449 @ 23.9°C

pH 4.01 Buffer - 4.11 reading  
 7.00 Buffer - 7.07 reading  
 10.00 Buffer - 10.01 reading @ 20.6°C

09/9/09

Processed samples (Bassed + Tagged)

Submitted trip Blank QA900TW

16:52 Shipped samples via FedEx

17:00 END of Day

9/09/2009

18

09/10/09

start time 0730

HACH 2100P Turbidimeter # 010100027647

standard - Lot A9064

standard readings  $\pm 10\%$ 

531 531 yes

52 52.2 yes

4.13 3.92 yes

calibrated by Tim Simpson

pH meter # 100907-07

Buffer reading

4.01 4.00 @ 18.1°C ~~to 9/10/09~~

7 7.02

100.8 - slope

1413 standard Lot MHC Exp 09/10

1413 readings

465 = cell constant

pH 4 Buffer Lot 2809533 Ex Sept 2010

pH 7 Buffer Lot 2810392 Ex Oct 2010

4 star thermometer 17.3°C

NIST thermometer 17.2°C

-020807-04 Ex 3/18/10

09/10/09

overcast, cool weather, Temp 18.4°C

sample teams

Tim Simpson (TS)

Linda George (LG)

AND

MARTY Allen (MA)

Brian Herndon (BH)

Simpson/George

- Garmin 082107-04

4 star meter used # 100907-07

Turbidimeter used # 010100027647

B  
9/10/09

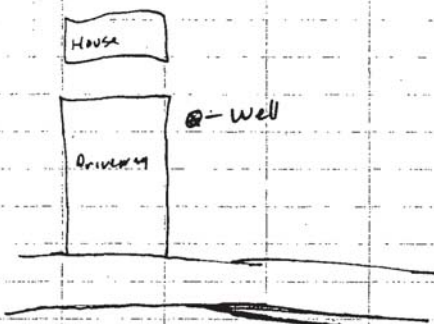


9-10-09

Station MBPW110  
Sample MG110909

Purge 0841

The well is located to the right  
of the driveway, collected sample @ well



GPS N 35.50211 ± 22.50  
W 082.49412

Garmin 5550 ID 082107-04

The well information is

UNABLE to read well information  
tagged at well

9-10-09

MBPW110

Time	Temp	pH	Cond	Turb
0842	14.2	6.79	200	1.44
0845	14.4	6.82	200.6	1.28
0849	14.8	6.88	198.7	0.83
0854	14.9	6.87	197.8	0.85

Parameters collected / run by Linda George

Grab sample - VOC Analysis

Sampler - Tom Simpson

Sample time - 08:56

collected 3 VOAs. Vials pre preserved  
with HCL.

Samples placed on ice.

clear water, slight sulphur smell.

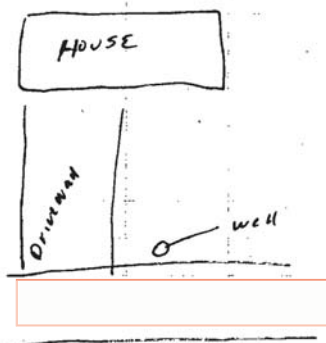
Note - Cannot Access property  
at

The Driveway has moved. Second  
Paved Road after (North?) of

9-10-09

Station MG-PW111  
 Sample MG-111 909

purge start - 9:09



Note - they have water system in house  
 collected sample at well spigot.

parameters collected by Linda George <sup>TS</sup>  
~~unable to get well information~~ 9/10/09  
 Parameters collected through hose. Samples  
 collected directly from spigot

9-10-09

MG-PW111

Time	Temp	pH	cond	Turb
9:09	15.1 °C	6.52	132.9	0.85
9:14	15.2	6.48	128.2	1.27
9:19	15.2	6.49	127.9	0.53
9:22	15.1	6.49	128.2	0.61

collect 3 VOCs vials. Pre-preserved  
 WHCL, Grab sample  
 Sampler - Tim Simpson  
 Sample time - 09:25  
 Samples placed on ice

Depth - 305 ft

Clear water -

Casing Depth - 65 ft

~~Depth - 305 ft~~ <sup>TS</sup> 9/10/09  
~~Casing Depth - 65 ft~~ <sup>TS</sup> 9/10/09

GPS N 35.49912° ± 21 ft  
 W 082.49443°

- collected GPS at street, in front of well

46

9-10-09

Station ID MG-PW024  
 Sample ID MG-024909



-unable to sample. Resident stated that they had a filter system to remove metals + carbon filter on house.

unable to access spigot on well. cement well cover + side. Must lift entire cement casing off of well. Approx 2 inches between spigot and side of cement cover. Metals filter upgradient of carbon filter.


\*GPS 35.50026 N ± 25ft  
 82.49355 W

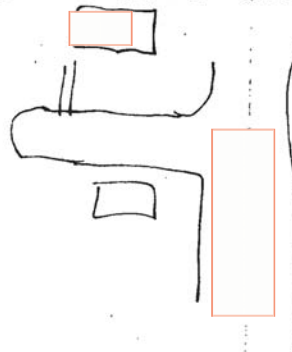
\* previously sampled

9-10-09

MG-PW024

time	Temp	pH	cond	Turb

note property is to the left of  End of unmarked side street

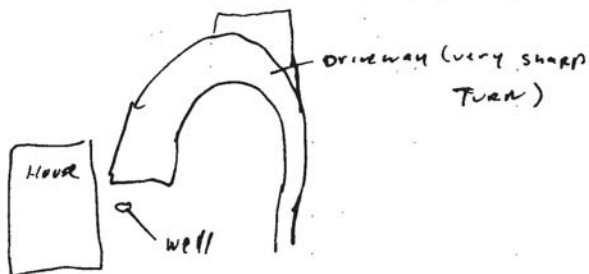


9-10-09

Station MG-PW099  
Sample MG-099909

Purge start - 0939

Well located at top of Driveway



Sample collected from well spigot

unable to read well information

$\begin{matrix} 9/10/09 & 9/10/09 \\ 78 & 78 \end{matrix}$   
~~GPS N 35.5003229 ± 50 ft ± 22 ft 78~~  
~~W 082.49251 °~~  
~~N 35.50029 ° ± 22 ft~~

9-10-09

Station MG-PW099

time	temp	pH	cond	Turb
0940	13.5°	5.71	56.2	0.41
0945	14.1	5.60	55.8	0.39
0950	14.6	5.56	55.9	0.34
0953	14.7	5.54	55.7	0.49

Parameters collected by Linda George  
Sampler - Tim Sampson  
Sample time - 0955

Collected 3 VOA vials, pre-preserved  
with HCL.

Clear water.

Samples placed on ice.

9/10/09

10:43

Meter Post Check by Tim Simpson

Hach Turbiditymeter

standard	reading	± 10%
4.13	4.04	yes
52	53.2	yes
531	536	yes

conductivity

standard 1413

reading 1420

pH

4.01 standard 4.08

7.00 standard 7.05 @ 18.3°C

NIST thermometer @ 19.2°C

samples processed (bagged/tagged)

78  
9-10-2009

09/10/09

Departed: Asheville, NC via GOR

Arrived: Athens, GA

Samples turned in to USEPA  
custody room. Samples placed  
in cooler in walk-in cool room.

- coolers drained of water by  
Tim Simpson. ICE Removed.  
P

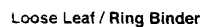
\* Note - No Photos taken  
during investigation

118  
9/10/09

9-11-09

End of Log Book

1/28 Jm  
09/11/2009



**www.RiteintheRain.com**

Log Book 2 of 3

"Rite in the Rain"  
ALL-WEATHER WRITING PAPER



Name Tim Simpson

U.S.EPA

Address 980 College Station Rd

Athens, GA 30605

Phone 706 - 355 - 8736

Project 09-0700

Mills Gap

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

CONTENTS

9/8/09

PAGE

REFERENCE

DATE

Team leader - Marty Allen ~~one~~  
Linda George

All samples collected by Marty Allen unless noted otherwise.  
Residential well sampling for  
VOCs. 3 40ml vials will be  
collected @ each station. samples  
will be collected as close to the  
well as practical.

Samples will be placed on ice  
as soon as they are collected.

Turbidity meter #17 SESD10  
2100P 010400028541

stds SESD10 010100028541

Lot # A9064 Reading (NTUs)

std 4.02 → 4.46

52.9 → 53.4

537 → 533

Drinking water SESD10 100907-08

7 pH std Lot # 2810392

4.01 pH std Lot # 2809533

slope = 100.8

std 7 → 7.01 / Reading  
4 → 4



2

Station ID MGPW103

9/8/09

Conductivity Lot # MR1C exp 09/10

std 14.13 → 14.13 Reading

cell constant 0.467

NIST Thermometer SESD ID 020807-02 cal

NIST Reading = 28.1°C

Thermistor Reading = 27.9°C

Garmin SESD ID # 073108-11

N 35.48552°

W 082.49855° ± 21'

Start Purge 1500

Time	Temp	pH	Cond	Turb
1500	15.5	6.68	172.9	0.95
1510	15.9	6.71	171.6	1.08
1517	15.8	6.74	171.8	1.31

Sample Time 1520 3 vials collected / 4 vial

duplicate Sample 1525 3 vials collected / 4 vial

Station ID MGPW103

9/8/09

3

N 35.48617°

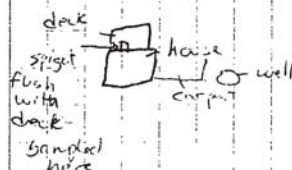
W 082.49731° ± 21°

Start Purge 1604

Time	Temp	pH	Cond	Turb
1605	16.3	5.96	94.6	7.34
1610	15.4	5.96	94.0	1.71
1616	15.4	5.95	94.4	1.22

Sample Time 1624 3 vials / 4 vial

vials collected



4 Station MGPW108

9/8/09

N 35.48344°

W 082.50374° ±18°

Start Purge 1648

Time	Temp	pH	Cond	Turb
1648	15.8	6.57	133.6	2.4
1653	16.1	6.59	132.4	0.84
1658	15.8	6.61	132.4	0.85

Sample Time 1705

Knob hanging on arbor  
→ arbor well-sampled here

well path



house

3 VOA / 40 ml  
Vials collected

(m)

Station MGPW105

9/8/09

5

N 35.48319°

W 082.49762° ±20°

Start Purge 1723

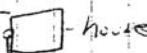
Time	Temp	pH	Cond	Turb
1725	17.3	6.04	45.8	0.66
1730	17.0	5.91	46.1	0.66
1735	17.2	6.01	45.7	0.56

Sample Time 1745

outside  
Spigot  
sampled  
here



garage



house

purged from  
Spigot

well in  
vicinity

3 VOA / 40 ml  
Vials collected

(m)

9/9/09

Post Check

PH 4 → 4.04  
7 → 7.01

Cond

1413 → 1376

Turbidity

4.54  
53.9  
533

All samples placed on ice as a preservative.

9/9/09

STATION ID MGPW 100  
N 35.48898  
W 083.48605

Start pump @ 0855

Time	Temp	pH	Cond	Turb
0855	14.8	6.36	114.3	3.22
0900	14.7	6.34	114.0	1.64
0905	14.6	6.01	113.9	2.10

Sample time @ 0910. 3 vials randomly collected.

station  
hand

8

9/9/09

STATION ID: MG PN 102

Start pump @ 0935

GPS N 35.49255

W 082.48945

Time	Temp	pH	Cond	Turb
0935	14.6	6.47	106.3	3.46
0940	14.7	6.27	106.8	2.44
0945	14.9	6.66	209.1	2.10
0950	14.9	6.84	210.6	2.59
0955	14.9	6.94	211.0	1.64

Sample Time @ 1000.

9 containers collected / 40 ml



PL

9

9/9/09

Station ID: MG PN 104

Start pump @ 1015

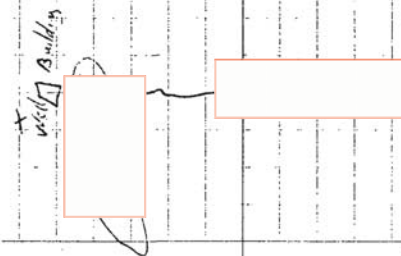
GPS N 35.49268

W 082.49007

Time	Temp	pH	Cond	Turb
1015	16.5	6.90	192.1	140
1020	15.0	6.85	213.8	233
1025	14.7	6.88	219.5	163
1030	14.8	6.88	217.3	53
1035	14.9	6.88	218.2	185

Sample Time @ ~~1035~~ 1040

3 containers collected / 40 ml



PL



9/9/09

STATION ID: MGPW 109

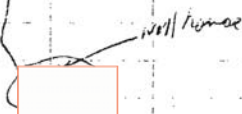
GPS N 35.48709 40  
 W 082.49534

Time	Temp	pH	Cond	Turb
1055	15.4	5.70	84.9	0.68
1100	15.5	5.35	88.3	0.39
1105	15.5	5.74	89.5	0.51

1110 - Sample Time

3 CONTAINERS collected / 40 ml

M.R. Gap



well house

9/9/09

STATION ID: MGPW 107

GPS N 35.48167  
 W 082.50472

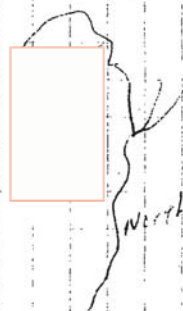
Arden NC

Start pump @ 1125

Time	Temp	pH	Cond	Turb
1125	14.2	6.30	128.5	0.00
1130	15.4	6.40	136.7	1.16
1135	16.1	6.52	123.4	0.96

Sample Time - 1140

3 CONTAINERS collected / 40 ml



North Oak Pond

9/9/09

Station ID: MGPW118 GPS N 35.49534

Start pump @ 1350

W 082.48801

Time	Temp	pH	Cond	Turb
1350	21.1	6.08	99.9	0.54
1355	19.2	5.94	98.5	0.46
1400	17.9	5.82	97.5	0.90

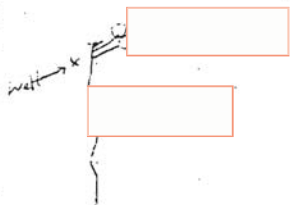
Sample time @ 1405

3 continuous collected / 40 ml

\*



Ten Kirby sand that the well is 100' deep.



C/A

9/9/09

Station ID: MGPW124

GPS N 35.49457

W 082.48804

Start pump @ 1415

Time	Temp	pH	Cond	Turb
1415	14.8	5.89	86.1	1.20
1420	14.7	5.76	86.3	0.72
1425	15.3	5.64	86.6	1.04

Sample time @ 1430

3 continuous collected / 40 ml

\*



5' Sand Rd

C/A

plates

- Water Calibrations check

pH Buffer 4.0 7 = 6.98 LA 200502, 0.1  
10 = 9.95 LA 200502, 0.1

Conductivity 1413 = 1450 - LG MR 10, Exp 0910

Turbidity = 4.17, 57.1, 537 LA 200502, 0.1

- All samples were placed in ~~ICE~~ <sup>ICE</sup> TCS.  
NO 4 presentation.SPK  
9/9/9

Ply

9/10/9

## Instrument Calibration/Verification

HACH 2100P Turbidimeter SESD ID: 010400028541

Std	4.02	52.9	532
Reading	3.92	53.3	535
+/- 10%	(3.61-4.42)	(47.6-58.2)	(479-585)

Orion 4Star SESD ID: 100907-08

## Temp. Verification of Cond. Probe

Orion = 16.6 °C NIST = 16.5 °C

NIST SESD ID: 520807-02

## Conductivity Calibration/Verification

Pre Cal = 1405 us/cm Post Cal = 1412 us/cm

Cal Point of 1413 us/cm

## pH Calibration/Verification

2 point Calibration of 7.4 slope = 9.0

Post-Cal Verification 4.01 = 4.00

7.00 = 6.98

10.00 = 10.01

- Calibrations/verifications conducted by

B. Haddon, hotel between 750-0800

- See page 1 for standard lot information

Ply



Station 10: MGPW116 Sample 10: MG116909

Purge started - 835

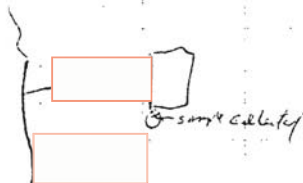
Purge & sample taken from spigot in ground near house.

Time	pH	Temp.	Cond	Turb
840	6.19	15.3	93.7	0.26
0845	6.00	15.2	93.1	0.54
0856	5.86	15.2	94.2	1.09

GPS N 35.49381  
N 082.48617

Sample Time @ 0855 collected by M. Allen

3 containers / 40ml vials



STATION ID: MGPW114

purge started @ 0925

Time	Temp	pH	Cond	Turb
0930	14.6	6.05	66.2	0.88
0935	14.1	5.95	60.7	0.54
0940	14.4	5.76	65.1	0.35

Sample from @ 0945 collected by M Allen

GPS N 35.49546 ± 30 ft  
W 082.49443

Sample collected from frost-proof spigot  
next to well 3 Contrivance 140 ml. Vial



09/10/09

Station ID MGPW 123

Start pump @ 1010

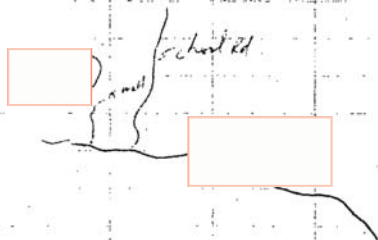
Time	Temp	ph	Cond	Turb
1015	14.9	6.58	126.1	0.57
1020	15.2	6.56	120.0	0.42
1025	15.3	6.51	120.9	0.44

GPS N 35.49878  
 ± 17M N 082.49593

Sample time @ 1025

collected by M. Allen

Sample collected at spigot on well  
 3 containers 140 ml vials



(716)

09/10/09

Station ID MGPW 121

Start pump @ 1045

Time	Temp	ph	Cond	Turb
1050	15.8	7.02	169.4	0.11
1055	15.0	6.99	169.5	0.74
1100	14.6	6.77	140.3	0.74

GPS N 35.48659  
 N 082.49774

± 16M

Sample time @ 1105

Sample collected by M. Allen at spigot  
 on well 3 containers 140 ml vials



(716)

9/10/09

Mettler PEST check

Turbidity = 4.01, 51.5, 532

PH 4.01 = 4  
7.00 = 6.92

Conductivity \* 1413 = 1474

- All samples were placed on Ice  
as a preservative.

9/10/09  
A. Simpson

9-11-09

END OF Log BOOK

A. Simpson  
09/11/2009

Log Book  
3 of 3

INCH

"Rite in the Rain"  
ALL-WEATHER WRITING PAPER



Name Tim Simpson  
US EPA  
Address 980 College Station Rd  
Athens, GA 30605  
Phone 706-355-8736  
Project Mills Gap  
09-0700

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook.  
Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

# CONTENTS

09/09/09

PAGE	REFERENCE	DATE
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Proj. L. Linda George - 20		
Ryan Stubbs - START contractor		

Collect Residential well samples  
for VOCs - 3 40 ml vials  
preserved w/ HCL.

Collect @ well head. If not  
practical, collect @ outside  
spigot.

All Samples placed on ice.

Garmin used for GPS coordinates  
SESD ID 082107-04

Turbidity meter SESD 109904000  
21398

Orion 4 star  
SESD ID 100907-10

Safety nuts held.  
LG - notes + collect samples  
unless otherwise noted.

2/14/09

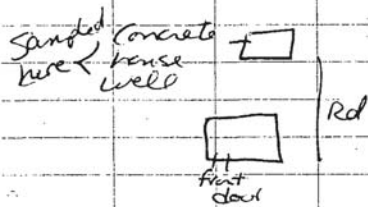
Station MGPW 098 9/7/09

N 35.49293  
W 082.48867° ±27'

Start Purge 0853

Time	Temp °C	pH	Cond µS/cm	Turb NTU
856	16.7	5.54	80.1	0.44
0900	17.1	5.55	79.8	0.57
0905	17.0	5.60	80.7	1.08

Sample Time 0905



29/9/09

Station MGPW 117 9/9/09

N 35.49362°  
W 082.48920° ±19'

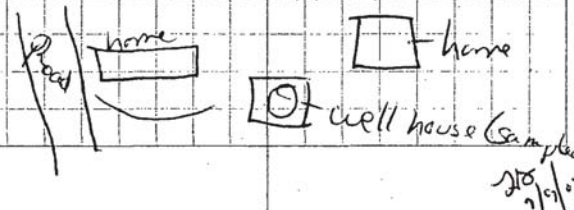
Start Purge 0920

Time	Temp	pH	Cond	Turb
0923	15.1	6.04	79.4	40.0
0927	15.1	6.01	79.1	10.4
0931	15.1	6.00	78.8	20.3
0934	15.0	6.00	79.5	17.1
0936	15.1	5.99	79.2	15.9

Time	Temp	pH	Cond	Turb
0940	14.9	5.98	78.79.3	18.4
0943	14.9	5.99	79.5	25.1
0947	14.9	5.99	79.2	26.5

Sample Time 0950

well Services Both homes



29/9/09



4 Station MGPW113 9/9/09

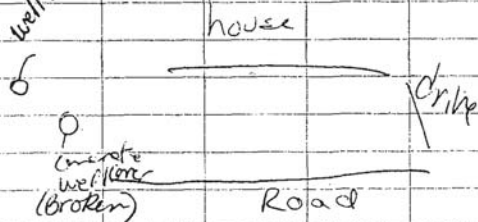
N 35.49348 ± 20'  
W 082.48999

Start Purge 1007 Pump Surging entire  
purge

Time	Temp	pH	Cond	Turb
1012	14.6	5.80	86.0	1.24
1015	14.9	5.76	85.8	0.68
1020	15.0	5.77	85.7	0.74

Sample Time 1022 Sample ID MG113909  
duplicate Sample Time 1025  
(Sample MG1139090)

well Metal liner  
sampled \*spit straight up.



9/11/09

Station MGPW059 9/9/09 5

N 35.494830 ± 18'  
W 082.493190

Start purge 1040

Time	Temp	pH	Cond	Turb
1042	14.9	6.31	74.1	0.90
1045	14.8	6.29	73.4	0.83
1049	14.6	6.29	73.3	0.40

Sample Time 1055  
Sample ID MG059909



9/11/09

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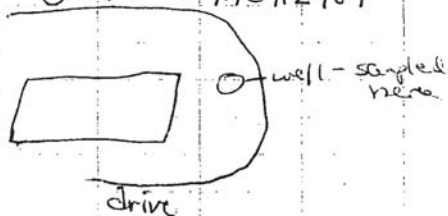
Station MG 112 9/9/09 9/9/09

N 35.50272°  
W 082.491781° ±22'

Start Purge 1110

Time	Temp	Plt	Cond	Turb
1113	14.8	6.22	41.4	0.65
1117	14.4	6.14	41.4	0.50
1120	14.5	6.19	41.3	0.47

Sample Time 1125 MS/MSD  
Sample ID MG112909



24  
9/9/09

9/9/09 7

Station

Post Check  
Turbidity Meter  
→ 5.23  
→ 51.3  
→ 509

Orion Meter  
Cond 1360  
pH 4.01 → 4.07  
7.00 → 7.09  
10.00 → 10.17

*[Handwritten signature]*  
9/9/09



09/11/2009

END of  
Log Book

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09/11/2009

