

**REDACTED**



September 25, 2009

Ms. Carolyn Callihan  
Remedial Project Manager  
U.S. Environmental Protection Agency Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street  
Atlanta, Georgia 30303

**Subject:       Quarterly Drinking Water Well Sampling Letter Report, Revision 0**  
**3<sup>rd</sup> Quarter 2009**  
**Mills Gap (Assessment)**  
**Asheville, Buncombe County, North Carolina**  
**Contract No. EP-W-05-053**  
**Technical Direction Document (TDD) No.: TNA-05-003-0055**

Dear Ms. Callihan:

Oneida Total Integrated Enterprises (OTIE), Superfund Technical Assessment Response Team (START) has prepared this letter report detailing the quarterly drinking water well sampling activities conducted at the Mills Gap site (the site) in support of the U.S. Environmental Protection Agency (EPA). All activities and procedures described in this document were conducted in accordance with the EPA Region 4 Science and Ecosystems Support Division (SESD) *Field Branches Quality System and Technical Procedures* (FBQSTP) and the site-specific Quarterly Sampling Quality Assurance Project Plan/Site Sampling Plan (QAPP/SSP) approved on February 17, 2009.

START was tasked under EPA Contract Number (No.) EP-W-05-053, TDD No. TNA-05-003-0055 to conduct quarterly groundwater sampling of private drinking water wells located in the vicinity of the site in Asheville, Buncombe County, North Carolina (see Attachment A, Figure 1). START collected samples from private wells where written access had been granted by the property owner to allow for well sampling. START was also tasked to document on-site conditions with written logbook notes and digital photographs; submit all samples collected to Contract Laboratory Program (CLP) laboratories for drinking water analysis of volatile organic compounds (VOC), semi-volatile organic compounds

(SVOCs), metals, and cyanide; and, prepare and submit a letter report summarizing site activities and analytical results.

This letter report summarizes the 3<sup>rd</sup> quarter field investigation activities conducted by START in July 2009, and includes pertinent results and findings.

## **Site Description**

The site encompasses the former CTS of Asheville (CTS) property, located at 35° 29' 36" North latitude and 82° 30' 22" West longitude on Mills Gap Road, approximately 1 mile east of Asheville, Buncombe County, North Carolina (see Attachment A, Figure 1). The property is relatively flat with elevations ranging from approximately 2,420 to 2,440 feet above mean sea level (amsl). The property consists of a 95,000 square foot (ft<sup>2</sup>) brick veneer warehouse/light industrial building on an approximately 52-acre property. The former operations area of the facility, including the building, rests on a 9-acre fenced parcel. The remaining acreage has been redeveloped into residential lots.

## **Site Background**

Investigations at the nearby CTS property (the facility) have revealed the presence of trichloroethene (TCE) in soil and groundwater. TCE was used during electroplating operations at the facility to clean parts prior to plating. Springs and private wells used to supply nearby residences with drinking water have been found to be contaminated with TCE. EPA has provided and installed water filters on some existing wells, connected several residences to the Buncombe County municipal system, and has provided bottled water to others as a result of detected analytes.

## **Drinking Water Well Sampling Activities**

From July 13–16, 2009, START conducted sampling of 45 private drinking water wells as part of the Mills Gap 3<sup>rd</sup> quarter sampling event. A Sample Location Map is included as Figure 2 in Attachment A. Table 1 provided in Attachment B provides a summary of the samples collected including a description of the sampling locations and the corresponding geographic coordinates.

Samples were collected at the wellhead whenever possible. If a wellhead was not accessible, the water sample was collected from an unfiltered tap located as close to the wellhead as possible. Each drinking water well was purged until water quality readings indicated that all parameters were within 10% and the turbidity was below 10 nephelometric units (NTUs) before a sample was collected. Temperature, pH,

conductivity, and turbidity readings were taken at approximately three minute intervals for at least 15 minutes. Table 2 provided in Attachment B presents the water quality readings for the wells sampled.

The logbook notes and a photographic log documenting field activities are included as Attachments C and D, respectively.

### **Laboratory Analytical Results**

A total of 54 drinking water samples, including eight field duplicate samples, were submitted to CLP laboratories for trace-level Target Compound List (TCL) VOC and TCL SVOC analysis by EPA Method SOM01.2; and, Target Analyte List (TAL) metals and cyanide analysis by EPA Method ILM05.4. Three trip blank samples and two preservative blank samples were submitted and analyzed to verify the absence of blank and preservative contamination, respectively. Four rinsate blank samples were also submitted to verify the absence of contamination in the dedicated hoses used to sample four different well locations. Laboratory analytical results are summarized in Table 3 included in Attachment B. The complete case narratives for the analytical results are included as Attachment E.

For evaluation purposes, analytical results were compared to health based screening criteria including federal drinking water Maximum Contaminant Levels (MCL) or Region 4 Regional Screening Levels (RSL) for tap water. If an MCL was not listed for a compound, then the RSL for tap water was used to evaluate the result.

Analytical results for potable water samples collected during the July 2009 sampling event indicated the presence of several SVOC, VOC, and metals; however, TCE was not detected in any of the samples. Moreover, none of the TCE breakdown compounds such as cis-1,2-dichloroethene (cis-1,2-DCE) were detected. Other VOC analytes detected in samples below their respective health based screening criteria included acetone, bromoform, carbon disulfide, chloroform, dibromochloromethane, methyl t-butyl ether (MTBE), and xylene. SVOCs analytes detected were benzo(g,h,i)perylene and phenol. Of the organic compounds detected, most of the VOC and both SVOC compounds were detected at levels below the reporting limit, and therefore, considered estimated and flagged with a J qualifier. Cyanide was not detected in any of the samples. Metals detected in samples below their respective health based screening criteria included aluminum, barium, calcium, chromium, copper, magnesium, manganese, potassium, sodium, and zinc. The only metal detected above its respective health based screening criteria was antimony. Antimony was detected in exceedance of the MCL in sample MG-GMP3-01 (22 micrograms per liter [ $\mu\text{g/L}$ ]). The high antimony concentrations detected in sample MG-GMP3-01 could be a result

of antimony being associated with tin solder, which is commonly used in household plumbing. In addition, the sample was taken at the spigot on the outside of the house.

## **Conclusion**

START was tasked under EPA Contract No. EP-W-05-053, TDD No. TNA-05-003-0055 to collect quarterly potable water samples for laboratory analysis from numerous drinking water wells located within a 1-mile radius of the site.

Drinking water well samples were collected July 13–16, 2009, and submitted to CLP laboratories for drinking water analysis of VOCs, SVOCs, metals, and cyanide. Analytical results indicated no presence of TCE or its breakdown compound cis-1,2-DCE above the federal MCL. However, antimony was detected at concentrations above the MCL in one drinking water sample (MG-GMP3-01).

If you have any questions or comments regarding this letter report or require any additional information please feel free to contact me or Greg Kowalski, START Program Manager, at 678-355-5550.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ryan Stubbs".

Ryan Stubbs  
START Environmental Scientist  
OTIE

cc: Jennifer Wendel, Remedial Project Manager  
Katrina Jones, EPA Project Officer  
Darryl Walker, EPA Project Officer  
OTIE START File

**ATTACHMENT A**

**FIGURES**



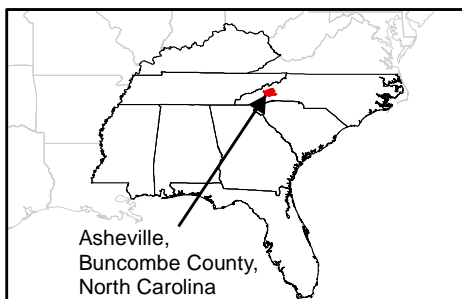


P:\GIS\_Workspace\Mills Gap\mxd\Figure-1.mxd

Disclaimer: This map is intended for visual orientation use only.  
In no way is this map to be used for precise locational use.

SOURCE: Modified From United States Geological  
Service 7.5 Minute Quadrangles: Asheville, Oteen,  
Fruitland, & Skyland

0 0.125 0.25 0.5  
Miles



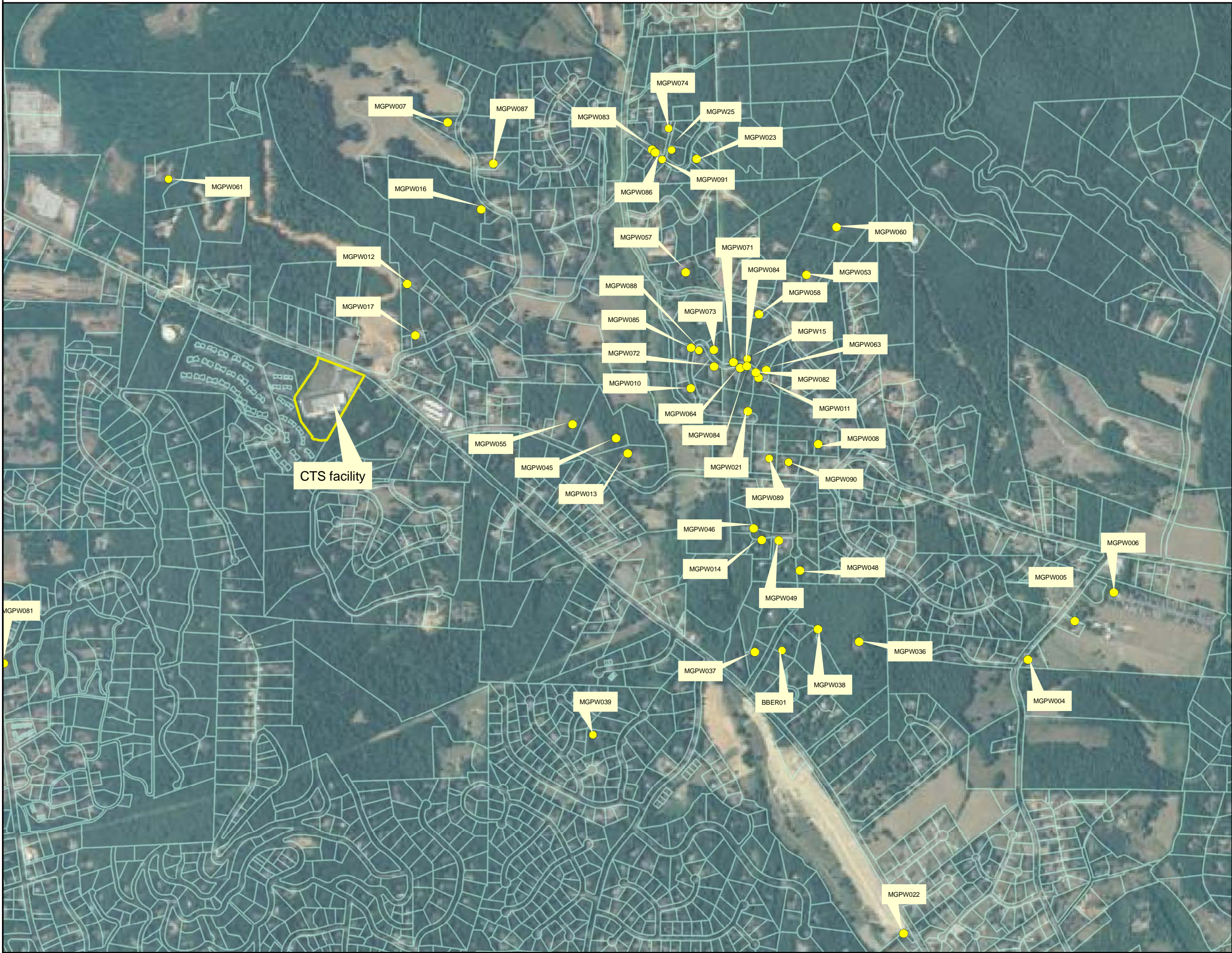
United States Environmental Protection Agency

MILLS GAP  
ASHEVILLE, BUNCOMBE  
COUNTY, NORTH CAROLINA  
TDD No. TNA-05-001-0055

**FIGURE 1  
SITE LOCATION MAP**



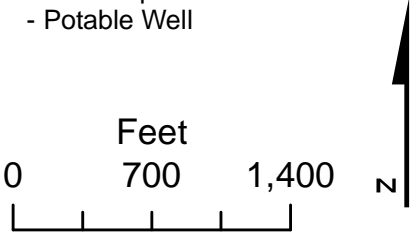




**Legend**

- Site Location
- Potable Wells
- Parcel Property

Notes:  
BBER - Brae Burn Emergency Response  
MG - Mills Gap  
PW - Potable Well



**MILLS GAP  
ASHEVILLE,  
BUNCOMBE COUNTY,  
NORTH CAROLINA  
TDD:05-003-0055**

**FIGURE 2  
POTABLE WELL SAMPLING**





## **ATTACHMENT B**

### **TABLES**



TABLE 1  
MILLS GAP QUARTERLY POTABLE WELL SAMPLING (3rd QUARTER)  
SUMMARY OF SAMPLES COLLECTED

Property Address	Location Description	Latitude	Longitude	Location	Sample ID	Sample Type	Sample Date	SVOC (SOM01.2)	VOC (SOM01.2)	Total Metals (ILM05.4)	Cyanide (ILM05.4)
	house	35.48539872	-82.48820341	MGPW036	MG-GMP3-07	Field Sample	7/16/2009	X	X	X	X
	wellhead	35.48837134	-82.4908986	MGPW049	MG-GMP3-36	Field Sample	7/13/2009	X	X	X	X
	basement/filter	35.49108952	-82.48940826	MGPW008	MG-GMP3-17	Field Sample	7/14/2009	X	X	X	X
	wellhead	35.48840449	-82.49149126	MGPW014	MG-GMP3-37	Field Sample	7/13/2009	X	X	X	X
	wellhead	35.48874566	-82.49175988	MGPW046	MG-GMP3-38	Field Sample	7/13/2009	X	X	X	X
					MG-GMP3-51	Field Duplicate	7/13/2009	X	X		
	wellhead	35.4961304	-82.49383108	MGPW057	MG-GMP3-47	Field Sample	7/16/2009	X	X	X	X
	wellhead	35.49936307	-82.49331223	MGPW023	MG-GMP3-22	Field Sample	7/14/2009	X	X	X	X
	wellhead	35.4920953	-82.49182579	MGPW021	MG-GMP3-03	Field Sample	7/16/2009	X	X	X	X
					MG-GMP3-53	Field Duplicate	7/16/2009	X	X	X	X
	house	35.4996722	-82.49486111	MGPW083	MG-GMP3-23	Field Sample	7/16/2009	X	X	X	X
	house	35.48299405	-82.49762173	MGPW039	MG-GMP3-11	Field Sample	7/16/2009	X	X	X	X
	wellhead	35.48579644	-82.48963566	MGPW038	MG-GMP3-06	Field Sample	7/15/2009	X	X	X	X
	basement/filter - hose	35.49281143	-82.49379025	MGPW010	MG-GMP3-25	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.493202	-82.491498	MGPW082	MG-GMP3-04	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49388547	-82.49293949	MGPW073	MG-GMP3-26	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49341058	-82.49294913	MGPW072	MG-GMP3-27	Field Sample	7/15/2009	X	X	X	X
					MG-GMP3-28	Field Sample	7/14/2009	X	X	X	X
	wellhead	35.49351533	-82.49227226	MGPW071	MG-GMP3-50	Field Duplicate	7/14/2009	X	X	X	X
	wellhead	35.49334435	-82.49204116	MGPW064	MG-GMP3-29	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49359717	-82.4917753	MGPW015	MG-GMP3-30	Field Sample	7/14/2009	X	X	X	X
	house - hose	35.49458777	-82.5033599	MGPW017	MG-GMP3-34	Field Sample	7/14/2009	X	X	X	X
	wellhead	35.48749483	-82.49018996	MGPW048	MG-GMP3-43	Field Sample	7/16/2009	X	X	X	X
					MG-GMP3-55	Field Duplicate	7/16/2009	X	X	X	X
	house	35.49339	-82.4918	MGPW084	MG-GMP3-31	Field Sample	7/14/2009	X	X	X	X
	wellhead - hose	35.48472396	-82.48232786	MGPW004	MG-GMP3-44	Field Sample	7/16/2009	X	X	X	X
	wellhead - hose	35.48472396	-82.48232786	MGPW004	MG-GMP3-44	Field Sample	7/17/2009			X	X
	wellhead - hose	35.49304598	-82.49141045	MGPW011	MG-GMP3-32	Field Sample	7/13/2009	X	X	X	X
	at garage/house	35.48578465	-82.48064668	MGPW005	MG-GMP3-45	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49325826	-82.49113601	MGPW063	MG-GMP3-33	Field Sample	7/13/2009	X	X	X	X
					MG-GMP3-46	Field Sample	7/16/2009	X	X	X	X
	wellhead	35.48656288	-82.4792424	MGPW006	MG-GMP3-52	Field Duplicate	7/16/2009	X	X	X	X
	wellhead	35.4918964	-82.49796747	MGPW055	MG-GMP3-12	Field Sample	7/14/2009	X	X	X	X
	wellhead	35.499423	-82.500428	MGPW087	MG-GMP3-08	Field Sample	7/14/2009	X	X	X	X
	spigot	35.485606	-82.518135	MGPW081	MG-GMP3-35	Field Sample	7/16/2009	X	X	X	X
					MG-GMP3-54	Field Duplicate	7/16/2009	X	X	X	X
	next to wellhead	35.49812774	-82.50090083	MGPW016	MG-GMP3-09	Field Sample	7/13/2009	X	X	X	X
					MG-GMP3-48	Field Duplicate	7/13/2009	X	X		
	wellhead	35.49145426	-82.49645959	MGPW045	MG-GMP3-13	Field Sample	7/14/2009	X	X	X	X
		35.49933333	-82.49453333	MGPW091	MG-GMP3-18	Field Sample	7/13/2009	X	X	X	X
	wellhead	35.49100701	-82.49607213	MGPW013	MG-GMP3-14	Field Sample	7/14/2009	X	X	X	X
	house/filter	35.47701409	-82.4870014	MGPW022	MG-GMP3-24	Field Sample	7/14/2009	X	X	X	X
	wellhead - hose	35.5006488	-82.50197402	MGPW007	MG-GMP3-10	Field Sample	7/13/2009	X	X	X	X
	wellhead	35.493969	-82.493738	MGPW085	MG-GMP3-01	Field Sample	7/16/2009	X	X	X	X
					MG-GMP3-19	Field Sample	7/13/2009	X	X	X	X
	wellhead	35.49959	-82.49476	MGPW086	MG-GMP3-49	Field Duplicate	7/13/2009	X	X		
	house	35.49594325	-82.4896089	MGPW053	MG-GMP3-39	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49727881	-82.48850752	MGPW060	MG-GMP3-40	Field Sample	7/15/2009	X	X	X	X
	wellhead	35.49485851	-82.49131589	MGPW058	MG-GMP3-41	Field Sample	7/15/2009	X	X	X	X
		35.49388	-82.49346	MGPW088	MG-GMP3-02	Field Sample	7/16/2009	X	X	X	X
	wellhead	35.50029148	-82.4942158	MGPW074	MG-GMP3-20	Field Sample	7/13/2009	X	X	X	X
		35.490603	-82.490457	MGPW089	MG-GMP3-15	Field Sample	7/15/2009	X	X	X	X
		35.490603	-82.490457	MGPW090	MG-GMP3-16	Field Sample	7/15/2009	X	X	X	X
		35.485222	-82.490908	BBER01	MG-GMP3-05	Field Sample	7/15/2009	X	X	X	X
QAQC Samples											
				#R4DART#	MG-GMP3MB-01	CLP Metals Blank	7/8/2009			X	
					MG-GMP3PB-01	Preservative Blank	7/16/2009				X
					MG-GMP3PB-02	Preservative Blank	7/16/2009			X	
					MG-GMP3R-01	Rinsate	7/13/2009	X	X	X	X
					MG-GMP3R-02	Rinsate	7/13/2009	X	X	X	X
					MG-GMP3R-03	Rinsate	7/13/2009	X	X	X	X
					MG-GMP3R-04	Rinsate	7/13/2009	X	X	X	X
					MG-GMP3TB-01	Trip Blank	7/12/2009		X		
					MG-GMP3TB-02	Trip Blank	7/12/2009		X		
					MG-GMP3TB-03	Trip Blank	7/12/2009		X		

**TABLE 2**  
**MILLS GAP QUARTERLY POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF WATER QUALITY PARAMETERS**

	Sample ID	Sample Time	pH	Conductivity	Turbidity	Temperature (°C)
	MG-GMP3-09	11:20	7.16	179	-0.32	16.33
			7.35	174	0.03	16.25
			7.45	183	0.03	16.20
	MG-GMP3-48	11:20	7.16	179	-0.32	16.33
			7.35	174	0.03	16.25
			7.45	183	0.03	16.20
	MG-GMP3-10	13:43	7.44	170	1.00	14.93
			7.69	185	4.91	15.73
			7.88	177	0.22	14.90
	MG-GMP3-08	9:50	5.23	112	0.15	15.74
			5.56	119	4.22	15.74
			5.68	115	0.48	15.75
	MG-GMP3-34	10:45	0.26	185	-1.17	14.01
			-0.07	283	-1.54	14.13
			0.29	238	-0.99	14.16
	MG-GMP3-34	13:00	0.81	30	3.62	14.01
			0.52	56	3.43	14.13
			0.89	30	3.11	14.08
	MG-GMP3-22	13:50	0.93	48	-0.29	14.06
			1.07	41	-0.04	14.21
			1.28	44	0.17	14.25
	MG-GMP3-25	8:43	2.52	174	1.30	15.96
			2.85	187	1.02	15.86
			3.62	177	0.93	15.87
	MG-GMP3-05	9:48	2.33	44	0.08	13.98
			2.30	53	-0.32	13.67
			2.49	52	-0.99	13.93
	MG-GMP3-06	10:33	4.20	232	-1.01	15.47
			4.27	276	-1.03	15.45
			4.48	277	-0.83	15.40
	MG-GMP3-07	9:15	5.77	189	-1.67	15.15
			5.82	188	1.15	15.11
			5.88	188	0.38	15.08
	MG-GMP3-11	10:25	5.17	84	1.07	14.05
			5.07	72	1.01	14.09
			5.05	86	-1.87	14.12
	MG-GMP3-35	13:10	5.66	123	33.0	17.10
			5.61	123	26.1	17.02
			5.60	123	21.8	16.96
	MG-GMP3-54	13:15	5.66	123	33.0	17.10
			5.61	123	26.1	17.02
			5.60	123	21.8	16.96
	MG-GMP3-32	13:30	4.89	193	5.37	14.63
			4.96	193	8.00	14.58
			5.01	193	10.52	14.61



**TABLE 2**  
**MILLS GAP QUARTERLY POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF WATER QUALITY PARAMETERS**

	Sample ID	Sample Time	pH	Conductivity	Turbidity	Temperature (°C)
	MG-GMP3-33	14:00	4.73	146	0.83	14.49
			4.88	146	0.63	14.56
			5.05	147	0.63	14.63
	MG-GMP3-31	10:30	4.58	231	0.51	14.88
			4.60	234	1.68	14.86
			4.76	236	1.26	14.87
	MG-GMP3-30	11:15	5.06	286	2.49	14.98
			5.47	300	2.57	16.08
			5.46	284	2.57	14.94
	MG-GMP3-28	13:35	3.46	109	0.27	14.36
			3.50	109	1.05	14.27
			4.51	109	0.96	14.54
	MG-GMP3-50	13:35	3.46	109	0.27	14.36
			3.50	109	1.05	14.27
			4.51	109	0.96	14.54
	MG-GMP3-29	8:40	5.36	265	0.08	15.55
			5.67	271	0.15	16.55
			5.66	261	0.36	16.11
	MG-GMP3-27	9:15	3.96	132	0.20	15.07
			4.12	131	0.14	14.71
			4.10	133	0.06	14.80
	MG-GMP3-26	9:55	3.45	110	0.35	14.16
			4.00	114	0.30	14.36
			3.98	114	0.47	14.45
	MG-GMP3-04	10:45	4.36	133	2.18	14.47
			3.90	136	1.77	14.58
			4.05	133	2.17	14.51
	MG-GMP3-03	9:15	3.45	163	7.37	14.44
			3.55	163	4.05	14.36
			3.63	164	1.53	14.44
	MG-GMP3-53	9:20	3.45	163	7.37	14.44
			3.55	163	4.05	14.36
			3.63	164	1.53	14.44
	MG-GMP3-02	10:15	4.63	169	0.15	17.39
			4.38	167	0.00	16.59
			4.24	167	0.00	16.57
	MG-GMP3-01	11:00	2.20	98	0.04	14.96
			2.15	95	0.04	14.79
			2.28	96	0.13	14.67
	MG-GMP3-20	9:12	4.60	123	0.11	14.76
			4.71	120	0.05	14.72
			4.74	119	0.07	14.71
	MG-GMP3-19	9:55	4.86	102	Err	14.69
			4.95	101	Err	14.71
			5.01	101	Err	14.72

**TABLE 2**  
**MILLS GAP QUARTERLY POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF WATER QUALITY PARAMETERS**

Property	Sample ID	Sample Time	pH	Conductivity	Turbidity	Temperature (°C)
	MG-GMP3-49	9:58	4.86	102	Err	14.69
			4.95	101	Err	14.71
			5.01	101	Err	14.72
	MG-GMP3-18	11:15	5.25	120	0.18	14.50
			5.36	120	0.28	14.53
			5.43	121	0.22	14.61
	MG-GMP3-36	13:03	4.21	98	25.9	14.73
			4.35	95	24.9	14.52
			4.28	97	24.9	14.76
	MG-GMP3-37	13:30	4.91	127	0.00	13.90
			4.90	129	0.00	14.56
			4.95	127	0.00	13.97
	MG-GMP3-38	14:00	4.99	119	13.5	13.64
			4.87	119	14.1	13.71
			4.90	119	14.1	13.70
	MG-GMP3-51	14:05	4.99	119	13.5	13.64
			4.87	119	14.1	13.71
			4.90	119	14.1	13.70
	MG-GMP3-12	9:51	3.64	45	0.00	14.02
			3.64	44	0.00	13.96
			3.64	44	0.00	13.94
	MG-GMP3-13	10:31	3.52	102	0.09	14.56
			3.60	120	0.00	14.63
			3.65	115	0.00	14.61
	MG-GMP3-14	13:00	4.78	103	1.66	14.84
			4.94	102	1.84	13.88
			4.78	102	1.77	14.43
	MG-GMP3-17	13:58	5.30	91	110	15.97
			5.57	94	75.8	16.03
			5.60	93	39.1	16.11
	MG-GMP3-41	8:38	4.28	106	-0.28	14.34
			4.32	106	-0.39	14.33
			4.38	107	-0.39	14.40
	MG-GMP3-40	9:14	5.85	331	0.41	14.83
			6.01	334	0.00	15.26
			6.05	336	-0.02	14.95
	MG-GMP3-39	9:46	6.20	262	-0.72	15.83
			6.29	262	-0.27	15.78
			6.31	263	-0.69	15.86
	MG-GMP3-16	10:34	6.80	156	-0.48	14.91
			6.98	156	-0.33	14.84
			7.07	157	-0.72	14.91
	MG-GMP3-15	11:00	7.26	171	-0.71	18.21
			7.23	170	-0.64	17.84
			7.23	168	-0.11	17.39
	MG-GMP3-44	14:52	1.56	65	8.45	17.17
			1.46	61	6.35	16.24
			1.71	62	6.97	16.48
	MG-GMP3-44	13:04	4.65	62	7.08	16.43
			4.56	60	6.50	16.42
			4.51	59	5.95	16.35



**TABLE 2**  
**MILLS GAP QUARTERLY POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF WATER QUALITY PARAMETERS**

Property	Sample ID	Sample Time	pH	Conductivity	Turbidity	Temperature (°C)
	MG-GMP3-45	13:36	4.80	90	1.55	15.71
			4.90	95	1.17	15.68
			4.94	97	1.17	15.70
	MG-GMP3-46	9:13	5.63	161	-0.53	15.73
			5.72	161	-0.36	15.75
			5.80	161	-0.36	15.78
	MG-GMP3-47	10:14	5.52	128	4.61	15.40
			5.50	129	4.15	15.61
			5.51	131	3.46	16.18
	MG-GMP3-43	10:51	4.85	103	-0.18	13.74
			4.76	102	-0.14	13.80
			4.71	101	-0.23	13.95
	MG-GMP3-23	12:54	5.83	148	0.84	16.34
			5.94	146	1.01	16.33
			5.99	148	1.01	16.33

**Notes:**

err - Error  
GMP3- Groundwater Monitoring Program (3rd Quarter)  
MG - Mills Gap  
NA - Readings not available to START  
°C - Degrees celsius  
START - Superfund Technical Assessment and Response Team

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3-01	MG-GMP3-02	MG-GMP3-03	MG-GMP3-04	MG-GMP3-05
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/16/2009	7/16/2009	7/16/2009	7/15/2009	7/15/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	<b>280</b>	200 U	200 U	200 U	200 U
Antimony	6 MCL	<b>22 J</b>	60 UJ	60 UJ	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>11000</b>	<b>21000</b>	<b>21000</b>	<b>18000</b>	<b>5800</b>
Chromium	100 MCL	<b>5.4 J</b>	10 U	10 U	10 U	10 U
Copper	1300 MCL	<b>120</b>	<b>12 J</b>	25 U	25 U	25 U
Iron	26000 RSL	<b>90 J</b>	<b>45 J</b>	<b>630</b>	<b>840</b>	100 U
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>2200 J</b>	<b>2700 J</b>	<b>2600 J</b>	<b>2800 J</b>	<b>1900 J</b>
Manganese	880 RSL	<b>11 J</b>	<b>83</b>	<b>74</b>	<b>170</b>	15 U
Potassium	NL	<b>2900 J</b>	<b>4600 J</b>	<b>3300 J</b>	<b>3500 J</b>	<b>1700 J</b>
Sodium	NL	<b>5300</b>	<b>6500</b>	<b>6600</b>	<b>6100</b>	<b>4600 J</b>
Zinc	11000 RSL	<b>29 J</b>	<b>26 J</b>	<b>42 J</b>	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.8 U	4.9 U	5.1 U	4.8 U	4.8 UJ
Phenol	11000 RSL	4.8 U	4.9 U	5.1 U	4.8 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	<b>0.3 J</b>
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	<b>0.44 J</b>	<b>0.27 J</b>	0.5 U



**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3-06	MG-GMP3-07	MG-GMP3-08	MG-GMP3-09	MG-GMP3-10
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/15/2009	7/16/2009	7/14/2009	7/13/2009	7/13/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	350 U	200 U
Antimony	6 MCL	60 U	60 UJ	60 U	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>27000</b>	<b>14000</b>	<b>32000</b>	<b>33000</b>	<b>33000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	<b>16 J</b>	25 U	25 U	<b>10 J</b>	25 U
Iron	26000 RSL	100 U	100 U	<b>3200</b>	<b>680</b>	<b>4200</b>
Lead	15 MCL	10 U	10 U	10 U	<b>5.6 J</b>	10 U
Magnesium	NL	<b>2900 J</b>	<b>3200 J</b>	<b>3200 J</b>	<b>3200 J</b>	<b>3400 J</b>
Manganese	880 RSL	15 U	15 U	<b>110</b>	<b>55</b>	<b>120</b>
Potassium	NL	<b>2700 J</b>	<b>2800 J</b>	<b>1600 J</b>	<b>3000 J</b>	<b>1700 J</b>
Sodium	NL	<b>6500</b>	<b>6600</b>	<b>5200</b>	<b>6300</b>	<b>5200</b>
Zinc	11000 RSL	60 U	60 U	60 U	<b>58 J</b>	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.9 UJ	5.1 U	4.8 U	5 U	4.8 U
Phenol	11000 RSL	4.9 U	5.1 U	4.8 U	5 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	<b>0.3 J</b>	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	<b>0.28 J</b>	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria					
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/16/2009	7/14/2009	7/14/2009	7/14/2009	7/15/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 UJ	60 U	60 U	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>4300 J</b>	<b>3900 J</b>	<b>1900 J</b>	<b>14000</b>	<b>25000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	<b>30</b>	<b>64</b>	25 U	25 U
Iron	26000 RSL	100 U	100 U	100 U	<b>690</b>	100 U
Lead	15 MCL	10 U	10 U	<b>4.5 J</b>	10 U	10 U
Magnesium	NL	<b>1500 J</b>	<b>1400 J</b>	5000 U	<b>2400 J</b>	<b>2800 J</b>
Manganese	880 RSL	15 U	15 U	15 U	<b>100</b>	15 U
Potassium	NL	<b>1500 J</b>	<b>1400 J</b>	5000 U	<b>2800 J</b>	<b>2600 J</b>
Sodium	NL	<b>4100 J</b>	<b>3100 J</b>	<b>2000 J</b>	<b>5500</b>	<b>7500</b>
Zinc	11000 RSL	60 U	<b>42 J</b>	60 U	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.9 U	4.9 U	4.9 U	4.8 U	5.2 UJ
Phenol	11000 RSL	4.9 U	4.9 U	4.9 U	4.8 U	<b>0.71 J</b>
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	G-GMP3-16	MG-GMP3-17	MG-GMP3-18	MG-GMP3-19	MG-GMP3-20
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/15/2009	7/14/2009	7/13/2009	7/13/2009	7/13/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 U	60 U	60 U	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>25000</b>	<b>8700</b>	<b>19000</b>	<b>15000</b>	<b>20000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	25 U	25 U	25 U	25 U
Iron	26000 RSL	100 U	<b>7600</b>	<b>200</b>	<b>490</b>	57 UJ
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>2800 J</b>	<b>3300 J</b>	<b>2000 J</b>	<b>2200 J</b>	<b>1900 J</b>
Manganese	880 RSL	15 U	<b>29</b>	<b>120</b>	<b>77</b>	<b>15</b>
Potassium	NL	<b>2700 J</b>	<b>2800 J</b>	<b>3000 J</b>	<b>2800 J</b>	<b>2500 J</b>
Sodium	NL	<b>7600</b>	<b>5500</b>	<b>7600</b>	<b>7600</b>	<b>7300</b>
Zinc	11000 RSL	60 U	60 U	60 U	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	5.2 UJ	5.2 U	4.8 U	4.8 U	4.8 U
Phenol	11000 RSL	5.2 U	5.2 U	4.8 U	4.8 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	<b>0.24 J</b>	0.5 U	0.5 U	0.5 U



**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3-22	MG-GMP3-23	MG-GMP3-24	MG-GMP3-25	MG-GMP3-26
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/14/2009	7/16/2009	7/14/2009	7/15/2009	7/15/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 U	60 UJ	60 U	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>4600 J</b>	<b>17000</b>	<b>2600 J</b>	<b>26000</b>	<b>16000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	25 U	25 U	25 U	25 U
Iron	26000 RSL	100 U	<b>370</b>	<b>370</b>	<b>190</b>	100 U
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	5000 U	5000 U	5000 U	<b>2800 J</b>	<b>2700 J</b>
Manganese	880 RSL	15 U	<b>120</b>	<b>11 J</b>	<b>110</b>	<b>72</b>
Potassium	NL	<b>1800 J</b>	<b>2400 J</b>	5000 U	<b>4800 J</b>	<b>3300 J</b>
Sodium	NL	<b>5500</b>	<b>10000</b>	<b>3000 J</b>	<b>7100</b>	<b>4900 J</b>
Zinc	11000 RSL	60 U	<b>30 J</b>	60 U	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	5.5 UJ	5.2 U	4.8 U	4.9 UJ	4.8 UJ
Phenol	11000 RSL	5.5 U	5.2 U	4.8 U	4.9 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	<b>0.27 J</b>	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3-27	MG-GMP3-28	MG-GMP3-29	MG-GMP3-30	MG-GMP3-31
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/15/2009	7/14/2009	7/15/2009	7/14/2009	7/14/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	<b>52 J</b>	200 U
Antimony	6 MCL	60 U	60 U	60 U	60 U	60 U
Barium	2000 MCL	<b>140 J</b>	200 U	200 U	200 U	200 U
Calcium	NL	<b>17000</b>	<b>12000</b>	<b>46000</b>	<b>50000</b>	<b>38000</b>
Chromium	100 MCL	10 U	10 U	10 U	<b>3.9 J</b>	10 U
Copper	1300 MCL	25 U	25 U	25 U	25 U	25 U
Iron	26000 RSL	100 U	<b>77 J</b>	<b>71 J</b>	<b>250</b>	100 U
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>3100 J</b>	<b>2800 J</b>	<b>3300 J</b>	<b>3600 J</b>	<b>3700 J</b>
Manganese	880 RSL	<b>12 J</b>	15 U	<b>110</b>	<b>41</b>	<b>81</b>
Potassium	NL	<b>3600 J</b>	<b>2600 J</b>	<b>3600 J</b>	<b>4000 J</b>	<b>4500 J</b>
Sodium	NL	<b>6400</b>	<b>6500</b>	<b>8700</b>	<b>6500</b>	<b>6900</b>
Zinc	11000 RSL	60 U	60 U	60 U	60 U	<b>47 J</b>
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	5 UJ	4.9 U	4.9 UJ	4.8 U	4.8 UJ
Phenol	11000 RSL	<b>0.57 J</b>	<b>0.77 J</b>	4.9 U	4.8 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	<b>0.23 J</b>	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria					
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/13/2009	7/13/2009	7/14/2009	7/16/2009	7/13/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 U	60 U	60 U	60 UJ	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	64
Calcium	NL	42000	25000	3500 J	5800	10000
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	25 U	25 U	25 U	25 U
Iron	26000 RSL	960	800	100 U	1300	1400
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	2800 J	3000 J	1800 J	2600 J	5100
Manganese	880 RSL	130	100	15 U	8.8 J	9.5 J
Potassium	NL	3800 J	3800 J	1500 J	2900 J	2000 J
Sodium	NL	6100	7500	3500 J	5600	4200 J
Zinc	11000 RSL	60 U	60 U	60 U	38 J	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.8 U	4.8 U	4.8 UJ	4.7 U	4.8 U
Phenol	11000 RSL	4.8 U	4.8 U	4.8 U	4.7 U	4.8 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.31 J	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria					
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/13/2009	7/13/2009	7/15/2009	7/15/2009	7/15/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 U	60 U	60 U	60 U	60 U
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>16000</b>	<b>15000</b>	<b>48000</b>	<b>59000</b>	<b>14000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	<b>20 J</b>	25 U	25 U	25 U	25 U
Iron	26000 RSL	74 UJ	<b>4200</b>	<b>560</b>	100 U	<b>120</b>
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>7500</b>	<b>5400</b>	<b>2800 J</b>	<b>4200 J</b>	<b>2100 J</b>
Manganese	880 RSL	15 U	<b>49</b>	<b>160</b>	<b>97</b>	<b>26</b>
Potassium	NL	<b>2600 J</b>	<b>4000 J</b>	<b>3400 J</b>	<b>5700</b>	<b>3500 J</b>
Sodium	NL	<b>5300</b>	<b>5800</b>	<b>7800</b>	<b>11000</b>	<b>5000</b>
Zinc	11000 RSL	<b>62</b>	60 U	60 U	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.8 U	4.8 UJ	5.1 UJ	<b>0.82 J</b>	5.2 U
Phenol	11000 RSL	4.8 U	4.8 UR	5.1 U	5.5 U	5.2 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	<b>71 J</b>	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	<b>1.6</b>	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	<b>0.27 J</b>	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U



**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria					
Property Address						
Well ID						
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Collection Date		7/16/2009	7/16/2009	7/15/2009	7/16/2009	7/16/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 UJ	60 U	60 U	60 UJ	60 UJ
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>11000</b>	<b>5600</b>	<b>10000</b>	<b>20000</b>	<b>16000</b>
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	<b>68</b>	<b>53</b>	25 U	25 U
Iron	26000 RSL	100 U	<b>230</b>	<b>160</b>	100 U	<b>630</b>
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>1800 J</b>	<b>1600 J</b>	<b>2800 J</b>	<b>2400 J</b>	<b>2000 J</b>
Manganese	880 RSL	15 U	<b>11 J</b>	15 U	15 U	<b>72</b>
Potassium	NL	<b>2100 J</b>	<b>1700 J</b>	<b>1800 J</b>	<b>2200 J</b>	<b>3400 J</b>
Sodium	NL	<b>5200</b>	<b>4400 J</b>	<b>6400</b>	<b>7700</b>	<b>6200</b>
Zinc	11000 RSL	<b>37 J</b>	<b>100</b>	60 U	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	5.4 U	4.8 U	5.1 U	5.4 U	5.2 U
Phenol	11000 RSL	5.4 U	5 UJ	5.1 U	5.4 U	5.2 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	<b>2.5</b>	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria					
Property Address						
Well ID						
Sample Type		Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
Collection Date		7/13/2009	7/13/2009	7/14/2009	7/13/2009	7/16/2009
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	NA	NA	200 U	NA	200 U
Antimony	6 MCL	NA	NA	60 U	NA	60 UJ
Barium	2000 MCL	NA	NA	200 U	NA	200 U
Calcium	NL	NA	NA	12000	NA	20000
Chromium	100 MCL	NA	NA	10 U	NA	10 U
Copper	1300 MCL	NA	NA	11 J	NA	25 U
Iron	26000 RSL	NA	NA	110	NA	100 U
Lead	15 MCL	NA	NA	10 U	NA	10 U
Magnesium	NL	NA	NA	2700 J	NA	2300 J
Manganese	880 RSL	NA	NA	15 U	NA	15 U
Potassium	NL	NA	NA	2700 J	NA	2100 J
Sodium	NL	NA	NA	6400	NA	7500
Zinc	11000 RSL	NA	NA	60 U	NA	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.9 U	4.8 U	4.9 UJ	4.8 U	5.3 U
Phenol	11000 RSL	4.9 U	4.8 U	4.9 U	4.8 UR	5.3 U
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	82 J	5 UR
Bromoform	80 *	0.5 U	0.5 U	0.5 U	2.1	0.5 U
Carbon disulfide	1000 RSL	0.27 J	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.28 J	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.34 J	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria				MG-GMP3MB-01	MG-GMP3PB-02
Property Address						
Well ID					#R4DART#	#R4DART#
Sample Type		Field Duplicate	Field Duplicate	Field Duplicate	Lab QC	Lab QC
Collection Date		7/16/2009	7/16/2009	7/16/2009	7/8/2009	7/16/2009
Matrix		Groundwater	Groundwater	Groundwater	CLP Metals Blank	Preservative Blank
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	200 U
Antimony	6 MCL	60 UJ	60 UJ	60 UJ	60 U	60 UJ
Barium	2000 MCL	200 U	200 U	200 U	200 U	200 U
Calcium	NL	<b>21000</b>	<b>6000</b>	<b>11000</b>	5000 U	5000 U
Chromium	100 MCL	10 U	10 U	10 U	10 U	10 U
Copper	1300 MCL	25 U	25 U	25 U	25 U	25 U
Iron	26000 RSL	<b>660</b>	<b>1300</b>	100 U	100 U	100 U
Lead	15 MCL	10 U	10 U	10 U	10 U	10 U
Magnesium	NL	<b>2700 J</b>	<b>2600 J</b>	<b>2000 J</b>	5000 U	5000 U
Manganese	880 RSL	<b>80</b>	<b>9.4 J</b>	15 U	15 U	15 U
Potassium	NL	<b>3500 J</b>	<b>3000 J</b>	<b>2200 J</b>	5000 U	5000 U
Sodium	NL	<b>7000</b>	<b>5800</b>	<b>5600</b>	5000 U	5000 U
Zinc	11000 RSL	<b>38 J</b>	<b>38 J</b>	<b>39 J</b>	60 U	60 U
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.9 U	5.2 U	5.3 U	NA	NA
Phenol	11000 RSL	4.9 U	5.2 U	5.3 U	NA	NA
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	NA	NA
Acetone	22000 RSL	5 UR	5 UR	5 UR	NA	NA
Bromoform	80 *	0.5 U	0.5 U	0.5 U	NA	NA
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	NA	NA
Chloroform	80 *	0.5 U	0.5 U	<b>2.4</b>	NA	NA
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	NA	NA
Methyl T-Butyl Ether (MTBE)	12 RSL	<b>0.44 J</b>	0.5 U	0.5 U	NA	NA

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3R-01	MG-GMP3R-02	MG-GMP3R-03	MG-GMP3R-04	MG-GMP3TB-01
Property Address						
Well ID		#R4DART#	#R4DART#	#R4DART#	#R4DART#	#R4DART#
Sample Type		Rinsate	Rinsate	Rinsate	Rinsate	Trip Blank
Collection Date		7/13/2009	7/13/2009	7/13/2009	7/13/2009	7/12/2009
Matrix		Rinse Water Blank	Rinse Water Blank	Rinse Water Blank	Rinse Water Blank	Trip Blank Water
<b>Metals, Total (µg/L)</b>						
Aluminum	37000 RSL	200 U	200 U	200 U	200 U	NA
Antimony	6 MCL	60 U	60 U	60 U	60 U	NA
Barium	2000 MCL	200 U	200 U	200 U	200 U	NA
Calcium	NL	5000 U	5000 U	5000 U	5000 U	NA
Chromium	100 MCL	10 U	10 U	10 U	10 U	NA
Copper	1300 MCL	25 U	25 U	25 U	25 U	NA
Iron	26000 RSL	100 U	100 U	100 U	100 U	NA
Lead	15 MCL	10 U	10 U	10 U	10 U	NA
Magnesium	NL	5000 U	5000 U	5000 U	5000 U	NA
Manganese	880 RSL	15 U	15 U	15 U	15 U	NA
Potassium	NL	5000 U	5000 U	5000 U	5000 U	NA
Sodium	NL	5000 U	5000 U	5000 U	5000 U	NA
Zinc	11000 RSL	60 U	60 U	60 U	60 U	NA
<b>SVOC (µg/L)</b>						
Benzo(g,h,i)perylene	NL	4.8 U	4.8 U	4.8 U	4.8 U	NA
Phenol	11000 RSL	4.8 U	4.8 U	4.8 U	4.8 U	NA
<b>VOC (µg/L)</b>						
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	22000 RSL	5 UR	5 UR	5 UR	5 UR	7.3 J
Bromoform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U



**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

Sample ID	Health Based Screening Criteria	MG-GMP3TB-02	MG-GMP3TB-03
Property Address			
Well ID		#R4DART#	#R4DART#
Sample Type		Trip Blank	Trip Blank
Collection Date		7/12/2009	7/12/2009
Matrix		Trip Blank Water	Trip Blank Water
Metals, Total (µg/L)			
Aluminum	37000 RSL	NA	NA
Antimony	6 MCL	NA	NA
Barium	2000 MCL	NA	NA
Calcium	NL	NA	NA
Chromium	100 MCL	NA	NA
Copper	1300 MCL	NA	NA
Iron	26000 RSL	NA	NA
Lead	15 MCL	NA	NA
Magnesium	NL	NA	NA
Manganese	880 RSL	NA	NA
Potassium	NL	NA	NA
Sodium	NL	NA	NA
Zinc	11000 RSL	NA	NA
SVOC (µg/L)			
Benzo(g,h,i)perylene	NL	NA	NA
Phenol	11000 RSL	NA	NA
VOC (µg/L)			
(m- and/or p-)Xylene	10000 MCL	0.5 U	0.5 U
Acetone	22000 RSL	9.2 J	8.4 J
Bromoform	80 *	0.5 U	0.5 U
Carbon disulfide	1000 RSL	0.5 U	0.5 U
Chloroform	80 *	0.5 U	0.5 U
Dibromochloromethane	80 *	0.5 U	0.5 U
Methyl T-Butyl Ether (MTBE)	12 RSL	0.5 U	0.5 U

**TABLE 3**  
**MILLS GAP POTABLE WELL SAMPLING (3rd QUARTER)**  
**SUMMARY OF POTABLE WELL ANALYTICAL RESULTS**

**Notes:**

bold - Analyte was detected

bold and shaded - Analyte concentration exceeds the associated Health Screening Level

GMP3 - Groundwater Monitoring Program 3rd Quarter Sampling

Trihalomethanes; the sum total detected concentration from bromodichloromethane, bromoform, chloroform, and dibromochloromethane should be

\* - compared to the MCL (80 ug/L)

HA - Health Advisory

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

MCL - Federal Drinking Water Maximum Contaminant Limit

MG - Mills Gap

RSL - [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm)

U - Analyte was analyzed for but not detected above the associated value

µg/L - Micrograms per liter

VOC - Volatile Organic Compounds

NL - No limit

CLP - Contract Laboratory Program

R - Rejected value

SVOC - Semivolatile Organic Compounds

**ATTACHMENT C**  
**LOGBOOK NOTES**

Location Marietta, GA Date 05/15/09  
 Project / Client Mills Gap  
 Well at

0950 START Stubbs spoke to Greg Powell of EPA ERT and recommends plugging the well above where the water is coming into the well.

R. Stubbs  
 05/15/09

Location Marietta, GA Date 07/12/09  
 Project / Client Mills Gap / EPA R4  
 Load out & mobilize

1015 START Stubbs arrived at Enterprise to obtain vehicle.  
 1100 START Stubbs + Berrios loading vehicles at the OTIE office. — RS  
 1145 START Berrios + Von Oldenberg departed for Asheville, NC.  
 1245 START Stubbs departed for Asheville, NC.  
 1630 START Stubbs arrived at hotel in Asheville, NC & checked in. — RS

R. Stubbs  
 07/12/09



Location Asheville, NC Date 07/30/09  
 Project / Client Mills Gap / EPA R4  
3<sup>rd</sup> Quarter Sampling event

Weather: 68°F + rainy at 0700

0700 START Stubbs, Patten, Berrios + von Oldenberg had tailgate meeting. RS

0715 All START calibrating YSI 556s + turbidity meters and prepping to begin sampling for the day. RS

0720 START Stubbs + Berrios setting up collect rinsates for sample hoses. Blank water dated 04/14/09. RS

0730 START Berrios collected MG-GMPR-01 for the hose used for                      RS

0815 START LVO collected RS  
 MG-GMPR-02 for the RS  
 rinsate for                     

0830 START LVO collected RS  
 MG-GMPR-03 as the rinsate for                     

0840 START LVO collected RS  
 MG-GMPR-04 as the rinsate for the                     

Location                      Date 07/13/09  
 Project / Client                     

0855 START Stubbs, Berrios + LVO leaving hotel after collecting rinsate blanks. START is already sampling residents.

0945 START Stubbs + Berrios + LVO waiting on Buncombe County H.D. personnel after purchasing ice + water. RS

0900 Buncombe County H.D. personnel (Wes, Bill and Erin) arrived and coordinated sampling teams. RS

1053 START Stubbs, Berrios, LVO + BCHD (Erin) arrived at                     

42

and began purging from the Spigot next to the well head.

	pH	Temp.	Cond.	Turb.	Volume
1058	8.40	16.49	177	0.48	30 seconds/5
1101	7.82	16.44	175	0.25	gallons
1104	7.25	16.38	176	0.00	MG-GMP3-09 +
1107	7.16	16.33	179	-0.32	Duplicate
1111	7.35	16.25	174	0.03	MG-GMP3-49
1114	7.45	16.20	183	0.03	

Location Asheville, NC

Date 07/13/09

Project / Client Mills Gap

1120 START Stubbs collected  
MG-GMP3-09 + MG-GMP3-49  
at [redacted]

1200 Broke for lunch. ——— RS

1230 Resuming sampling. ——— RS

1300 START Stubbs + BCHD (Bill)  
arrived at [redacted]

[redacted] Found the  
wellhead near the mailbox  
(about 15'). ——— RS

1318 Began purging from spigot on wellhead

1320 Pump stopped ——— RS

1321 Pump going again. ——— RS

	pH	Temp.	Cond.	Turb.	Volume
1325	8.18	15.29	124	1.06	2 mins.
1328	6.25	15.16	75	0.82	per 5 gals
1331	6.79	15.55	180	1.10	
1335	7.44	14.93	170	1.00	
1338	7.69	15.73	185	4.91	
1341	7.88	14.90	177	0.22	

1343 START Stubbs collected  
MG-GMP3-10 directly from the  
spigot on the wellhead, at [redacted]

07/13/09

Location

Date

Project / Client

1445 All START back at hotel  
processing samples.

\* Latenote - START Stubbs used  
YST 556 Serial # 07J101366  
and LaMotte Serial # ME  
11763 Model 2020E to  
take water quality readings.

\* Latenote - Sample ID:  
MG-GMP3-49 with sample  
time 1120 should have been  
labeled as MG-GMP3-48.

1715 START Stubbs + Patten delivered  
coolers to FedEx for shipment  
4 organic coolers to A4RSV  
3 inorganic coolers to A4STLV  
1730 Field work complete for the  
day. ——— RS

T. Stubbs  
07/13/09



Location Asheville, NC

Date 07/14/09

Project/Client Mills/Gap

3rd Quarter sampling event

Weather: 59°F + cloudy

0730 All START (Stubbs, Berrios, Patten + von Oldenburg conducted tailgate meeting. — RS

0745 START calibrating YSIs + turbidity meters. — RS

YSI 556 S/N 07J101366

pH 4 — RS

pH 7 — RS

0837 All START departing hotel to meet up with Buncombe County HD personnel to split into teams + begin sampling

0915 Sampling teams split up.

0925 START Stubbs + RCHD (Bill) arrived at [redacted] — RS

0930 Began purging from spigot on wellhead. — RS

	pH	Temp.	Cond.	Turb.	Notes
0934	5.80	16.04	166	4.28	2 mins.
0937	4.72	14.53	66	6.97	per 5
0940	4.65	15.68	163	5.00	gallons
0943	5.23	15.74	112	0.15	
0945	5.56	15.74	119	4.22	

0946<sup>15</sup> pH | Cond. | Temp. | Turb. | Notes  
 0946 5.68 | 115 | 15.75 | 0.48 |  
 0950 START Stubbs collected H6-GMP3-08 directly from the spigot on the wellhead at [redacted]

W. Stubbs  
 07/14/09

Location Asheville, NC

Date 07/14/09

Project / Client Miller Gas

1016 Began purging from the spigot  
off the west end of the  
house at

	pH	Temp.	Cond.	Turb.	Notes
1019	3.24	16.00	182	0.62	1:40 For
1022	0.62	15.02	235	0.85	5 gallons
1025	0.39	14.65	177	-0.89	
1028	1.08	14.01	240	0.43	
1031	0.35	14.02	228	-0.87	
1035	2.43	14.17	114	-1.54	
1038	0.26	14.01	185	-1.17	
1041	-0.07	14.13	283	-1.54	
1044	0.29	14.16	238	-0.99	
1045	START Stubbs collected				

MG-GMP3-34 from the  
dedicated sample hose at

1100 START recalibrated YSI 556  
S/N 07J101366 as the pH  
appears to be reading low.  
Bumpchecked with pH 4.0  
buffer and read 3.0. — RS

1122 START Stubbs called Eagle about  
getting a new pH sensor.

Location

Date 07/14/09

Project / Client

1200 Broke for lunch. — RS

1230 Lunch finished & resuming  
sampling. — RS

1237 START Stubbs + BCHD (Bill)  
arrived at

Owner removed filter.  
1243 Began purging from the spigot  
on the house. — RS

	pH	Temp.	Cond.	Turb.	Notes
1246	1.63	14.36	50	7.91	1:05 For 5
1249	1.36	14.46	20	2.58	gals.
1252	0.81	14.01	30	3.62	
1255	0.52	14.13	56	3.43	
1258	0.89	14.08	50	3.11	

1300 START Stubbs collected  
MG-GMP3-34 + MS/MSD directl.  
from the spigot at

— RS

R. Stubbs  
07/14/09



Location Asheville, NC  
Miller Gas

Date 07/14/09

1332 START arrived at [redacted] and began purging from the spigot on wellhead. RS

	pH	Temp.	Cond.	Turb.	Notes
1335	2.21	14.22	40	-0.84	1:10 for
1339	1.54	14.03	55	-0.83	5 gals.
1342	0.93	14.06	48	-0.29	
1345	1.07	14.21	41	-0.04	
1348	1.28	14.25	44	0.17	

1350 START Stubbs collected MG-GMP3-22 directly from the sniast on the wellhead at [redacted]

1438 All START at hotel processing samples for shipment.

1530 Received metals blank from front desk at hotel. Label on metal blank bottle "BB #820" sampler was Yvonne Crowe dated 07/08/09 @ 1600. CLP ID is MOSB24. RS

1700 Sample processing complete, START Patten & von Oldenburg taking samples to FedEx.

Location \_\_\_\_\_ Date 07/14/09 77  
Project / Client \_\_\_\_\_

Shipped 5 coolers total on 07/14/09

*[Handwritten signature/initials]*

Location Asheville, NC Date 07/15/09  
 Project / Client Mills Gao / EPA R4

- Weather: 64°F + clear @ 0700  
 0700 All START (Stubbs, Berrios, Patten + von Oldenburg) conducted tailgate meeting. ——— RS  
 0715 START calibrating equipment and prepping for the days sampling. ——— RS  
 0745 All START departing hotel.  
 0811 START Stubbs arrived at [redacted] ——— RS  
 0825 Began purging from the spigot in the basement before the filter.  

	pH	Temp.	Cond.	Turb.	Notes
0828	3.13	14.99	192	2.23	1 min.
0831	2.40	15.93	165	0.88	for 5 gals.
0834	2.52	15.96	174	1.30	
0837	2.85	15.86	187	1.02	
0840	3.62	15.87	177	0.93	

 0843 START Stubbs collected MG-GMP3-25 using the dedicated sample hose from the spigot at [redacted]  
 [redacted] Appears the pH probe on the YSI is still not accurate. ——— RS

Location \_\_\_\_\_ Date 07/15/09 79

- 0915 START Stubbs picked up BCHD (Bill) at Shell gas station.  
 0925 START Stubbs + BCHD (Bill) arrived at [redacted] ——— RS  
 0931 Began purging from the spigot in the well house. ——— RS
- |      | pH   | Temp. | Cond. | Turb. | Notes          |
|------|------|-------|-------|-------|----------------|
| 0934 | 2.44 | 13.74 | 57    | -0.40 | 53 seconds for |
| 0937 | 1.58 | 13.75 | 50    | -0.10 | 5 gallons      |
| 0940 | 2.33 | 13.98 | 44    | 0.08  |                |
| 0943 | 2.30 | 13.67 | 53    | -0.32 |                |
| 0946 | 2.49 | 13.93 | 52    | -0.99 |                |
- 0948 START Stubbs collected MG-GMP3-05 using the dedicated hose from the spigot in the well house.

*R. Stubbs*  
 07/15/09



Location Asheville, NC  
Project / Client Mills Gap

Date 07/15/09

1005 START arrived at [redacted] RS

1011 Began purging from the spigot on the wellhead back in the woods. Well is about 300' from the house. RS

	pH	Temp.	Cond.	Turb.	Notes
1014	4.87	15.42	80	-0.65	1 min.

1017 Water stopped — RS For 5

~~1020~~ 1018 Water back on — RS gallons

1021 3.97 15.35 96 -0.99

1024 4.20 15.47 232 -1.01

1027 4.27 15.45 276 -1.03

1030 4.48 15.40 277 -0.83

1033 START Stubbs collected MG-GMP3-06 directly from the spigot on the well head at [redacted]

RS Stubbs  
07/15/09

Location

Date 07/15/09

Project / Client

1100 START Stubbs meet up with START Berrios + von Oldenburg to give more sampling bottles.

1130 START Stubbs + BCHB (Bill) Broke for lunch. RS

1200 START done with lunch. START Berrios + Patten going to continue sampling. START Stubbs + von Oldenburg going to begin processing samples at the hotel. RS

1230 START Stubbs + von Oldenburg purchased ice. RS

1300 START Stubbs + von Oldenburg back at hotel beginning sample shipment prep. RS

~~1315~~ 1530 START von Oldenburg + Patten taking samples to FedEx. START Stubbs + Berrios working out discrepancies with tags from 07/13/09 with Allyson on the phone. 1600 Field work complete for the day.

Weather: 66°F + cloudy @ 0700

0700 All START in tailgate meeting (Stubbs, Patten, von Oldenburg + Berrios). RS

0720 START calibrating YSIs + turbidity meters + doing a bottle count in prep for Day 4. For the 3 additional duplicates to be collected ~~CLP As D5B83, D5B84 +~~ RS D5B85 will be used. RS

0800 All START departing hotel to get ice + begin sampling.

0835 START Stubbs arrived at [redacted], no one home, turned on the spigot on the backside of the house so that the spigot on the wellhead won't cut off. RS

0856 Began purging from the spigot on the wellhead which is at the beginning of their driveway across from [redacted]

11.2

	pH	Temp.	Cond.	Turb.	Notes
0859	5.62	15.24	190	2.18	32 seconds for
0902	5.77	15.16	189	-0.68	5 gallons
0905	5.77	15.15	189	-1.67	
0908	5.82	15.11	188	1.15	
0911	5.88	15.08	188	0.38	
0915	START Stubbs collected MG-GHP3-07 directly from the spigot on the wellhead at [redacted] RS				

0935 START Stubbs waiting on Bill from Buncombe County HD (BCHD) to arrive to assist in closing the large concrete cover on the wellhead at [redacted] RS

\* Latenote: All water quality reading collected on 07/16/09 by START Stubbs were from YSI 556 S/N 08E10023.

0849 Bill-BCHD arrived at [redacted]

11.2



Location Asheville, NC

Date 07/16/09

Project / Client Mills Gap

1005 START Stubbs + Bill arrived at [redacted] and began purging from the spigot on the wellhead on the backside of the garage.

	pH	Temp	Cond.	Turb.	Notes
1008	5.56	14.20	111	2.39	1:25
1011	5.34	14.11	108	1.00	for 5
1014	5.17	14.09	104	0.59	gallons
1017	5.17	14.05	84	1.07	
1020	5.07	14.09	72	1.01	
1023	5.05	14.12	86	-1.87	

1025 START collected MG-GMP3-11 directly from the spigot on the wellhead at [redacted] RS

1055 START Stubbs arrived at [redacted] to assist START Berrios + von Oldenburg + START Stubbs spoke to START Warrington about lab issues.

1130 Broke for lunch. — RS

1200 Lunch done resuming sampling. — RS

Location

Date 07/16/09

Project / Client

1230 START Stubbs + BCHD-Bill arrived at [redacted]

247 Began purging from the spigot in the pasture near his garden.

	pH	Temp	Cond.	Turb.	Notes
1250	6.25	22.88	144	48.8	1:16 for 5 gallons
1253	5.81	16.66	123	52.9	
1256	5.62	17.19	126	51.5	
1259	5.56	17.14	124	42.0	
1302	5.66	17.10	123	33.0	
1305	5.61	17.02	123	26.1	
1308	5.60	16.96	123	21.8	

1310 + START Stubbs collected MG-GMP3-35 and duplicate MG-GMP3-54 directly from the spigot at [redacted]

1406 START Stubbs + Patten and hotel beginning sample prep. START Berrios and von Oldenburg headed to [redacted] to resample.

1730 START delivered samples to FedEx, case complete. 4 organic + 2 inorganic coolers.



Location Asheville, NC Date 07/17/09  
 Project / Client Hills Gap/EPA R4  
Denise

0945 START Stubbs departing  
 hotel in Asheville, NC for  
 OTIE office in Marietta, GA.

1400 START Stubbs arrived in  
 OTIE office in Marietta, GA.  
 Unloaded vehicle of equipment  
 and supplies.

*[Signature]*  
 07/17/09

Location Marietta, GA Date 07/20/09  
 Project / Client Hills Gap  
3rd Quarter Sampling event

Late note: Lot #s for preservatives  
 used. Lot # for NaOH was G35022.  
 Lot # for HNO<sub>3</sub> was G34049.

*[Signature]*  
 07/20/09

7/13/09 Mills Gap

0715 Calibrate YSI's ——— RS  
 # 07A1477A0 ——— RS  
 PH4 = 4.09 ——— RS  
 PH7 = 7.05 ——— RS  
 Cond 1409 = 1418 ——— RS  
 # 07J101366 ——— RS  
 PH4 = 3.99 ——— RS  
 PH7 = 7.05 ——— RS  
 Cond 1409 = 1403 ——— RS  
 # 08E100232 ——— RS  
 PH4 = 4.09 ——— RS  
 PH7 = 7.03 ——— RS  
 Cond 1405 = 1408 ——— RS  
 K Pattern using YSI 07A1477A0  
 Lumette Turbidity meter # PH2655  
 ——— RS ME12168

0840 Arrive

Well Head located at front  
 of house near end of porch  
 owner must activate well  
 to sample. Sample ID#  
 MG-GMP3-20 ——— RS

7/13/09 Mills Gap

Time	PH	Cond	Temp	Turb	VOI
0857					5 gal/min
0859	4.29	126	14.81	0.06	25
0902	4.48	125	14.79	0.08	40
0905	4.60	123	14.76	0.11	55
0908	4.71	120	14.72	0.05	60
0911	4.74	119	14.71	0.07	75

Sample at 0912

0930 Set up on

Time	PH	Cond	Temp	Turb	VOI
0938	6.03	102	14.70	2.23	9 gal/min
0941	4.96	102	14.72	0.45	12
0944	4.74	101	14.65	0.05	24
0947	4.86	102	14.69	Err	36
0950	4.95	101	14.71	Err	48
0953	5.01	101	14.72	Err	60

0955 Sample MG-GMP3-51 and  
 MG-GMP3-19 at 0958

1055 Set up on

7/13/09 m. 115 Gap

Time	PH	Cond	Temp	Turb	Vol
11057	5.45	117	13.98	0.95	3 gal/min
1100	5.11	119	14.34	1.06	9
1103	5.14	119	14.45	0.57	12
1106	5.25	120	14.50	0.18	15
1109	5.36	120	14.53	0.28	18
1112	5.43	121	14.61	0.22	21

Sample mG-GMP-3-18 at 1115

Well Located near Road

Between

N 35° 29' 57.60" ——— RS

W 82° 29' 40.32" ——— RS

1235 Setup on 108 Russell Ave

Time	PH	Cond	Temp	Turb	Vol
1240	6.10	110	19.81	22.7	3 gal/min
1243	4.86	100	15.81	32.5	3 gal
1246	4.30	99	15.27	39.9	6 gal
1249	4.20	96	14.79	37.3	9 gal
1252	4.21	96	14.55	40.9	12 gal
1255	4.21	98	14.73	25.9	15 gal
1258	4.35	95	14.52	24.9	18
1301	4.28	97	14.76	24.9	21

Sample mG-GMP-3-36 at 1303

Scale: 1 square=

7/13/09 m. 115 Gap

Time	PH	Cond	Temp	Turb	Vol
1312	5.88	131	13.70	0.80	1.5 gal/min
1313	5.21	128	13.95	0.00	4.5
1316	4.84	130	14.89	0.00	9
1319	4.91	127	13.90	0.00	13.5
1322	4.90	129	14.56	0.00	18
1325	4.95	127	13.97	0.00	22.5

Sample mG-GMP-3-37 at 1330

1340 Setup on

Time	PH	Cond	Temp	Turb	Vol
1342	5.77	132	16.55	12.1	3 gal/min
1345	5.50	120	14.62	12.3	9
1348	4.88	119	13.70	13.1	12
1351	4.88	119	13.64	13.5	15
1354	4.87	119	13.71	14.1	18
1357	4.90	119	13.70	14.1	21

Sample mG-GMP-3-38 at 1400

Sample mG-GMP-3-51 at 1405

Scale: 1 square=

7/13/09 Mills Gap  
P502 YSI Post Bump test

#07A1477A0

PH 4 = 4.21

PH 7 = 7.05

PH Cond = 1514

#07J101366

PH 4 = 4.23

PH 7 = 7.17

Cond = 1522

#08E100232

PH 4 = 5.11

PH 7 = 7.67

Cond = 1476

~~PH 7.00~~

Scale: 1 square = \_\_\_\_\_

7/14/09 Mills Gap  
0750 Calibrate YSI 5

#07A1477A0

PH 4 = 4.00

PH 7 = 7.18

Cond 1000  $\mu$ S/cm = 999

#08E100232

PH 4 = 4.00

PH 7 = 7.00

Cond 1000 = 999

#07J101366

PH 4 = 4.00

PH 7 = 7.03

Cond 1000 = 1014

0920 Setup on

Time	PH	Temp	Cond	Turb	VOL
0929	5.56	14.82	47	0.0	2.5 gal/hr
0932	4.90	14.85	46	0.0	7.5
0935	3.99	14.90	46	0.0	15
0938	3.77	14.11	46	0.0	22.5
0941	3.67	14.11	46	0.0	30
0944	3.64	14.02	45	0.0	37.5
0947	3.64	13.96	44	0.0	45
0950	3.64	13.94	44	0.0	52.5
0951	Sample mg - GMP 3-12				

Scale: 1 square = \_\_\_\_\_



7/14/09 Mills Gap

1008 Setup on [redacted]					
Time	PH	Temp	Cond	Turb	Vol
1012	4.62	15.76	31	0.0	1.5 gal/min
1015	4.31	14.71	31	0.0	4.5
1018	3.50	14.40	31	0.0	9
1021	3.41	14.48	109	0.11	13.5
1024	3.52	14.58	102	0.09	18
1027	3.10	14.63	120	0.0	22.5
1030	3.65	14.61	115	0.0	27
1031 Sample MB-GMP-12					

1230 Setup on [redacted]

Time	PH	Cond	Temp	Turb	Vol
1240	5.89	108	16.37	1.77	3 gal/min
1243	4.57	104	14.15	2.42	9
1246	4.66	106	15.55	2.67	18
1249	4.64	103	14.57	2.65	27
1252	4.78	103	14.54	1.66	36
1255	4.94	102	13.88	1.54	45
1258	4.78	102	14.43	1.77	54
1300 Sample MB-GMP-14 msh/d					

Scale: 1 square=\_\_\_\_\_

7/14/09 Mills Gap

1320 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
1326	6.22	93	16.43	70.2	1.5 gal/min
1329	5.03	83	15.04	14.5	4.5
1332	4.93	93	17.27	40.2	9
1335	5.36	93	17.47	36.9	13.5
1338	5.38	94	15.46	37.6	18
1341	5.02	87	16.23	95.4	22.5
1344	5.25	94	16.32	64.3	27
1347	5.32	93	15.49	30.5	31.5
1350	5.30	91	15.97	110	36
1353	5.57	94	16.03	75.8	40.5
1356	5.80	93	16.11	39.1	45

Each Time Pump cycles, the  
Turbidity spiked.

1358 Sample MB-GMP-17

Scale: 1 square=\_\_\_\_\_



7/14/09 mills Gap

1500 YSL POST Bump Test — RS  
 #07A1477AD — RS  
 PH4 = 4.42 — RS  
 PH7 = 6.99 — RS  
 COND 1000 = 1073 — RS  
 #08E100232 — RS  
 PH4 = 3.83 — RS  
 PH7 = 7.31 — RS  
 COND 1000 = 1188 — RS  
 #07J101366 — RS  
 PH4 = 2.89 — RS  
 PH7 = 6.27 — RS  
 COND 1000 = 1095 — RS

Scale: 1 square = \_\_\_\_\_

7/15/09 mills Gap

0720 Calibrate YSL J. — RS  
 #07A1477AD — RS  
 PH4 = 4.10 — RS  
 PH7 = 7.05 — RS  
 COND 1000 = 992 — RS  
 #08E100232 — RS  
 PH4 = 4.01 — RS  
 PH7 = 7.10 — RS  
 COND 1000 = 1001 — RS  
 #07J101366 — RS  
 PH4 = 4.23 — RS  
 PH7 = 7.04 — RS  
 COND 1000 = 1000 — RS

0815 Setup on

Time	PH	Temp	COND	Turb	VOL
0822	4.72	15.11	109	-0.13	240/100
0825	4.64	14.32	107	-0.30	6
0828	4.09	14.34	106	0.32	12
0831	4.28	14.34	106	-0.28	18
0834	4.32	14.33	106	-0.39	24
0837	4.38	14.40	107	-0.39	30
0838 Sample m.b. GMP3-41					

KJP

Scale: 1 square = \_\_\_\_\_

7/15/09 Mills Gap

0854 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
0857	5.69	329	14.63	41.5	1.3 gal/min
0900	5.54	331	14.37	13.4	4.5
0903	5.74	330	14.51	0.73	9
0906	5.83	331	14.83	0.41	13.5
0909	6.01	334	15.26	0.00	18
0912	6.05	336	14.95	-0.62	22.5
0914 Sample MB-GMP3-40					
0927 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
0929	6.07	290	20.20	-0.28	5 gal/min
0932	6.72	263	16.22	-0.75	15
0935	6.25	260	15.75	-0.64	30
0938	6.20	262	15.83	-0.72	45
0941	6.29	262	15.78	-0.27	60
0944	6.31	263	15.88	-0.69	75
0946 Sample MB-GMP3-39					
1015 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
1017	7.07	171	17.82	-0.35	2.5 gal/min
1020	7.11	157	14.94	-0.36	7.5
1023	6.77	156	14.58	-0.55	15
1026	6.50	156	14.91	-0.48	22.5

Scale: 1 square=\_\_\_\_\_

7/15/09 Mills Gap

Time	PH	Cond	Temp	Turb	Vol
1029	6.98	156	14.54	-0.33	30
1032	7.07	157	14.91	-0.72	37.5
1034 Sample MB-GMP3-16					
1041 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
1043	7.57	175	19.35	-0.49	1 gal/min
1046	7.74	182	21.08	-0.40	3
1049	7.54	175	19.02	-1.01	6
1052	7.26	171	18.21	-0.71	9
1055	7.23	170	17.84	-0.64	12
1058	7.23	168	17.39	-0.11	15
1100 Sample MB-GMP3-15					
1240 Setup on [redacted]					
Time	PH	Cond	Temp	Turb	Vol
1247	6.72	49	18.16	7.23	2 gal/min
1250	5.20	97	18.64	9.10	6
1253	4.83	62	17.14	7.67	12
1256	4.65	62	16.13	7.08	18
1259	4.56	60	16.42	6.50	24
1302	4.51	59	16.35	5.95	30
1304 Sample MB-GMP3-42					
KJX					

Scale: 1 square=\_\_\_\_\_

7/15/09 Mills Gap

1815 setup on [redacted]

Time	PH	Cond	Temp	Turb	Vol
1319	6.10	98	17.52	1.12	4 gal/min
1322	4.87	95	16.60	1.24	12
1325	4.60	95	15.56	1.38	24
1328	4.80	80	15.71	1.55	36
1331	4.90	95	15.69	1.17	48
1334	4.94	97	15.70	1.17	60

1336 sample m6-GMP3-45

1415 VSI Posb Pump Test

#07A1477A0

PH4 = 4.38

PH7 = 7.11

Cond 1000 = 710

#08E100232

PH4 = 4.13

PH7 = 7.57

Cond 1000 = 605

#07J101366

PH4 = 3.82

PH7 = 6.60

Cond 1000 = 688

Scale: 1 square = \_\_\_\_\_

7/16/09 Mills Gap

0725 cal. brake YSI's ——— RS

#07A1477A0 ——— RS

PH4 = 4.00 ——— RS

PH7 = 6.93 ——— RS

Cond 1000 = 1000 ——— RS

#08E100232 ——— RS

PH4 = 4.00 ——— RS

PH7 = 7.00 ——— RS

Cond 1000 = 1000 ——— RS

#08E100231 ——— RS

PH4 = 4.16 ——— RS

PH7 = 6.94 ——— RS

Cond 1000 = 997 ——— RS

0830 setup on [redacted]

Time PH Cond Temp Turb Vol

0857 5.44 157 15.45 -1.00 9 gal/min

0900 5.43 157 15.51 -0.24 9

0903 5.53 161 15.67 -0.64 18

0906 5.63 161 15.73 -0.53 27

0909 5.72 161 15.75 -0.36 36

0912 5.80 161 15.78 -0.36 54

0913 sample m6-GMP3-46

0918 sample m6-GMP3-52

Scale: 1 square = \_\_\_\_\_



7/16/09 mills G.O.

0940 Setup on

Time	PH	Cond	Temp	Turb	Vol
0942	6.75	130	15.98	4.04	15 ml/min
0945	5.66	124	14.33	3.25	3
0948	5.30	125	14.67	3.79	6
0951	5.32	126	14.97	2.37	9
0954	5.35	128	15.19	2.55	12
0957	5.48	129	15.84	6.84	15
1000	5.56	129	15.98	8.62	18
1003	5.53	128	15.40	4.33	21
1006	5.52	128	15.40	4.61	24
1009	5.50	129	15.61	4.15	27
1012	5.51	131	16.18	3.46	30

1014 Sample mg GMP3-47

1030 Setup on

Time	PH	Cond	Temp	Turb	Vol
1034	6.82	124	18.41	-0.38	5 gal/min
1037	4.86	109	14.74	-0.27	15
1040	4.78	105	13.77	-0.21	30
1043	4.85	103	13.74	-0.18	45
1046	4.76	102	13.80	-0.14	60
1049	4.71	101	13.95	-0.23	75

1051 Sample mg GMP3-43

1056 Sample mg GMP3-55

Scale: 1 square=

7/16/09 mills G.O.

1230 Setup on

Time	PH	Cond	Temp	Turb	Vol
1237	6.38	148	17.23	-0.94	2 gal/min
1240	5.69	151	17.24	0.11	6
1243	5.54	146	16.29	0.50	12
1246	5.83	148	16.34	0.84	18
1249	5.94	146	16.33	1.01	24
1252	5.99	148	16.33	1.01	30

1254 Sample mg GMP3-23

1308 Start 15 min pulse on

1325 Sample 2 poly's

1350 YSI Post Bump Test

#072197780 #08E100231

PH4 = 4.23 PH4 = 4.13

PH7 = 7.09 PH7 = 6.63

Cond 1000 = 1123 Cond 1000 = 1167

#08E100232

PH4 = 3.91

PH7 = 7.30

Cond 1000 = 1174

Scale: 1 square=

Location Asterville NC Date 7-13-9  
 Project / Client Mills Corp.

07:30 COLIBRAZING TURBIDITY METER -  
 model (s) \_\_\_\_\_ RS  
 LA METTE 20 20.0 \_\_\_\_\_ RS  
 QTY (3) \_\_\_\_\_ RS

model H s S/N  
 20 20.0 ME 12168  
 \_\_\_\_\_ RS ME 11763  
 \_\_\_\_\_ RS ME 12279

\_\_\_\_\_ RS  
 ME 12168 - \_\_\_\_\_ RS

CALIBRATE BLANK 0.0 NTU

\_\_\_\_\_ RS Low 1.0

\_\_\_\_\_ RS High 10.0

Bump 10.05 NTU \_\_\_\_\_ RS

- ME 11763 \_\_\_\_\_ RS

Bump TEST FOR 10.0: 9.95 NTU

- ME 12279 -

Bump TEST FOR 10.0 → 9.93 NTU,  
 9.82 NTU

7:46 - RE CALIBRATE \_\_\_\_\_ RS

NEW Bump TEST STD 10.0

model 11763 → 10.0

model 12279 → 10.01

*Lucas*

Location Asterville NC Date 7-13-9  
 Project / Client Mills - GAK

12:55

- METERS YSI - S/N 88E100232

TURBI - S/N 12279

55 Vol/Flaw → Seal/Hose

- SPIGOT ON TOP OF WELL -

PA @ CONT (S/N) TEMP (°C) (NTU) VOL

12:58 4.55 195 14.81 20.5

13:03 4.72 193 14.6 19.8

13:06 4.7 193 14.57 10.13

13:09 4.73 194 14.58 6.15

13:12 4.8 193 14.59 4.72

13:15 4.86 193 14.68 4.59

13:18 4.89 193 14.63 5.37

13:21 4.96 193 14.58 8.00

13:24 5.01 193 14.61 10.52

- purged > 30 min \_\_\_\_\_ RS

13:30 Collect Samples - MG - GMP 3-32

*Lucas*



Location Ashville NC Date 7-13-9  
 Project / Client Mills Gap

13:40 [redacted] RS

metons YES

13:40 FLOW RATE - 5 GAL / 40 sec  
 - TAKEN FROM well Holes - RS

	pH	COND (US/cm)	TEMP	TURB
13:44	4.74	144	15.24	3.12
13:47	4.46	145	14.36	1.81
13:50	4.73	146	14.49	0.83
13:53	4.88	146	14.56	0.63
13:56	5.05	147	14.63	0.63

14:00 Sample 28 morisset RS

MG GMP - 3.33 RS

1 SET NO QC RS

15:10 - Bump TEST TURBIDITY RS

model	2000E	10 NTU	10 NTU
S/N	11763	9.7	0.97
	12168	9.1	1.15
	12279	10.4	0.94

*[Signature]*

Location Ashville NC Date 7-14-9  
 Project / Client Mills Gap

0800 - MEET w/ Eda Ekanke at Hotel

08:05 - CALIBRATION TURBIDITY, NOISE

models LITMATIC 2000C

GT4 (3) RS

CALIBRATION SOLUTIONS IN

kit model - S/N ME 11763

ARE BOD USING

CALIBRATION - SOLUTIONS IN

GT4A TLO KITS RS

model	S/N	Bump TEST	1.0 NTU
2000E	11763		1.04
	12168		1.09
	12279		0.97

1500 - Bump TEST	1.0 NTU
11763	1.20
12168	1.12
12279	1.08

WEATHER: Early 58°F - increase to  
 High 70's - RS

- pretty cloudy - no rain -

*[Signature]*



Location Ashtville NC Date 7-14-9  
 Project / Client Mills Gap

1 09:35 Location   
 - well ~~NE 1/4~~ 20 (W)  
 - SPICOT NEXT TO well HEAD -  
 - on side of ERIN (County)  
 - NAIN - LVO

09:40 Flow volume = 5 GAL/50 sec

1: knocked on Door - NO ANSWER

1: Temp - COND pH TURB

1: " " " " NTU

1 09:54 14.88 215 4.02 0.51

1 09:59 15.00 218 3.92 1.12

1 10:04 14.95 221 4.08 1.06

1 10:09 14.93 224 4.37 1.02

1 10:14 14.90 228 4.34 1.24

1 10:19 14.88 231 4.58 0.51

1 10:23 14.86 234 4.60 1.68

1 10:28 14.87 236 4.76 1.26

1 10:30 Sample - Time -

1 SET NO DUP

Sample mg - GMP - 31

*[Signature]*

Location \_\_\_\_\_ Date 7-14-9  
 Project / Client \_\_\_\_\_

10:55 84 MORIAH LANE  
 well HEAD - SAMPLING  
 - FLOW RATE - 5 GAL/60 SEC  
 - NAIN - LVO  
 BENCOME COUNTY, ERIN  
 - knocked / RANG Door Bell  
 NO ANSWER

	TEMP	COND	pH	TURB
	°C	µS/cm		NTU
55	14.91	288	5.03	2.93
58	15.84	298	5.07	3.44
04	14.89	286	5.06	2.49
07	16.00	300	5.47	2.57
10	14.94	284	5.46	2.57

Sample Time 11:15  
 MG - GMP - 30  
 1 SET NO DUP

*[Signature]*



Location Asheville NC.  
Project / Client Mills Gap -Date 7-14-9

1 12:55

Sunny - 70's -

Well HEAD sampling

- ERin / Low / rain

12:57 - PLUM 580 lbs / 60 sec -

- Rang Door Bell - no answer

12

RS

12	TEMP	COND	pH	TURB
12	°C	µS/cm		NTU
1 13:00	14.23	108	2.50	0.53
1 13:04	14.37	109	2.18	0.43
1 13:09	14.35	108	2.71	0.10
1 13:14	14.37	108	2.98	0.07
1 13:21	14.36	109	3.46	0.27
1 13:27	14.57	109	3.50	1.05
1 13:31	14.54	109	4.51	0.96

RS

13:35 Sample collected

MG - GMP - 3-28

(W) MG - GMP - 3-48 (DUP)

MG - GMP - 3-50 (DUPLICATE)

Location Asheville NC  
Project / Client Mills Gap -Date 7-15-9 33

07:35 - WEATHER Clean skies

60's (F) -

- Day 3 of well water sampling

- Team 3: Low, rain, ERin (rainy)

07:40 - CALIBRATION of METERS

TURBIDITY CALIBRATED

model	S/N	1.0 NTU
2030C	11763	1.12
	12168	0.90
	12279	1.12

14:25 AFTERNOON Bump TEST

model	2030C	S/N	1.0 NTU
		11763	1.31
		12168	0.93
		12279	1.44



Location Asheville NC Date 7-15-9  
 Project / Client mills Gas

1 8:10

collected FROM well HEAD

1 8:10 Flow 5 GAL / 160 sec

Spoke to RESIDENT

TIME	TEMP °C	COND µS/cm	TEMP PH	TURB
8:14	16.41	267	5.52	0.04
8:17	15.22	262	4.94	0.68
8:20	14.42	271	5.06	0.89
8:23	15.07	262	5.25	0.20
8:27	16.53	271	5.66	0.07
8:30	15.55	265	5.36	0.08
8:33	16.55	271	5.67	0.15
8:37	14.11	261	5.66	0.36

8:40 collect samples MG - GMP 3.29  
 2 vol, 2 LA, 2 poly

*[Signature]*

Location Asheville NC Date 7-15-9  
 Project / Client mills Gas

42

collected FROM

50 Flow 5 GAL / 150 sec

Spoke to RESIDENT

TIME	TEMP °C	COND µS/cm	pH	TURB NTU
8:54	15.05	132	3.47	1.01
8:57	15.79	134	3.53	0.10
9:00	15.28	133	3.77	0.06
9:03	15.07	132	3.96	0.20
9:06	14.71	131	4.12	0.14
9:09	14.80	133	4.10	0.06

09:15 collect sample

MG - GMP - 3.27

21 monolith lane

2 vol, 2

METERS - YSZ 5.56 mps  
 S/N 82100 232

TURB - 2.20E

*[Signature]*



Location AshvilleDate 7-15-9Project / Client Mills Gap

1 09:20

Well HEAD IN SIDE  
Concrete VAULT -  
Below ground - 3 Feet -  
Reno Well.

9:25 Flow value - 5 gal / 80 sec -  
RS

TIME	TEMP	COND	pH	TURB
	°C	µS/cm		NTU
9:33	13.64	93	3.60	0.24
9:36	14.23	72	2.45	0.7
9:39	14.11	108	3.67	0.0
9:42	14.16	110	3.45	0.35
9:45	14.36	114	4.00	0.30
9:48	14.45	114	3.98	0.47

09:55 Sample  
2x morvant  
mc - Gmp-26  
1 Set

Location Ashville NCDate 7-15-9Project / Client Mills Gap

10:15 -

Well HEAD -  
NEAR GATE ENTRANCE ON  
RIGHT SIDE -  
Concrete VAULT w/ Pump  
Handle <sup>spigot</sup> NEAR -  
Sample From Spigot

10:24 Flow - 5 gal / 95  
Called / spoke to RESIDENT

TIME	TEMP	COND	pH	TURB
	°C	µS/cm		NTU
10:27				
10:27	15.91	136	4.32	2.50
10:30	14.94	134	4.03	2.30
10:33	14.46	132	4.25	2.99
10:34	14.59	136	3.98	2.96
10:37	14.47	133	4.36	2.18
10:38	14.58	136	3.90	1.77
10:42	14.51	133	4.05	2.17

10:45 - 3 Sample 10:45m  
2x DETAIL Drive  
mc - Gmp-3-04



Shulls NC

7-16-9

MILLS GAP

1 07:30 WEATHER PARTLY CLOUDY

- Light rain -

- 60's -

7:35 CALIBRATE TERNB N.TENS

- model S/N Bump 1.0 NTU

20205 11763 0.92

12168 1.00

12279 1.07

1 15:39 20205 11763 0.92

20205 12168 1.13

20205 12279 0.96

7:30  
07/16/09

Shulls NC

7-16-9

MILLS GAP

08:45 [redacted] (3-03)

Duplicate (3-53)

Sample from SPIGOT NEAR

WELL HEAD

3:47 Flow rate 5 gal / 100 sec

Water - Turb S/N 12279

YSL S/N 08210232

RESIDENT WAS HOME

Time	TEMP	COND	PH	TURB
	°C	µS/cm		NTU
8:50	14.38	163	4.47	9.18
8:53	14.66	164	3.33	5.18
8:57	14.31	164	3.06	3.75
9:00	14.80	166	3.08	4.11
9:03	14.44	163	3.45	7.37
9:07	14.36	163	3.55	4.05
9:10	14.44	164	3.63	1.53

RS

09:15 collect sample. 16 Refs

MG - GMP - 3-03

Duplicate MG - GMP - 3-53

for



09:45

Fill from SPIGOT

09:50

FLOW RATE 5 gal / 120 sec

RESIDUAL WAS HOME

TIME

TEMP

COND

pH

TURB

°C

µS/cm

NTU

9:55

17.57

169

4.64

0.14

9:58

17.33

168

4.45

0.03

10:01

17.44

168

4.45

0.00

10:03

17.39

169

4.63

0.15

10:06

16.59

167

4.38

0.00

10:09

16.57

167

4.24

0.0

RS

10:15

Sample 8 R/L

MG-GMP-3-02

10:30

Fill from SPIGOT

10:33

FLOW RATE 5 gal / 2 min

RESIDUAL WAS HOME

TIME

TEMP

COND

pH

TURB

°C

µS/cm

10:37

17.72

133

5.0

0.0

10:40

15.96

104

2.97

0.0

10:43

15.23

96

2.32

0.23

10:46

14.96

98

2.00

0.04

10:49

14.79

95

2.15

0.04

10:52

14.67

96

2.28

0.13

RS

collect samples -

MG-GMP-3-01 - full set

full set

RECEIPTS

LOCK BOX ON

DOOR -

DOOR -

NO ANSWER AT DOOR -

PHONE AT LOG IN OPERATION

NO WATER AT WELL HEAD

NO WATER AT SPIGOT

NO SAMPLES COLLECTED -

PHONE



Asheville NC

7-16-9

Mills GAP

14:25

(RE SAMPLE LOCATION)

FULL SWEEP ANALYSIS

- SPIGOT - RT SIDE OR

HOUSE WHEN FACING -

14:26 - FLOW 5501 / 105 sec -

RS

TIME	TEMP °C	COND µS/cm	pH	TURB NTU	TIME
14:28	21.67	73	4.12	51.6	14:28
14:31	19.95	71	3.28	47.0	14:31
14:34	18.93	69	2.68	41.9	14:34
14:37	17.86	67	2.04	31.9	14:37
14:40	17.31	65	1.62	22.9	14:40
14:43	17.17	65	1.54	8.45	
14:46	16.24	61	1.46	6.35	
14:49	16.48	62	1.71	6.97	

~~14:51~~

RS

~~14:54~~

RS

~~14:57~~

RS

14:50 - Sample Time -

MG - Gmp.

RS

RS



**ATTACHMENT D**  
**PHOTOGRAPHIC LOG**



**Official Photograph No. 1**

<b>Site Name:</b>	Mills Gap (Assessment)	<b>Date:</b>	July 14, 2009
<b>Location:</b>	Asheville, Buncombe County, NC	<b>TDD No:</b>	TNA-05-003-0055
<b>Photographer:</b>	Nairimer Berrios-Cartagena, START		
<b>Subject:</b>	Purging and collecting water quality readings from the wellhead at location MGPW071.		



**Official Photograph No. 2**

<b>Site Name:</b>	Mills Gap (Assessment)	<b>Date:</b>	July 14, 2009
<b>Location:</b>	Asheville, Buncombe County, NC	<b>TDD No:</b>	TNA-05-003-0055
<b>Photographer:</b>	Nairimer Berrios-Cartagena, START		
<b>Subject:</b>	Purging and collecting water quality readings from the wellhead at location MGPW015.		





**Official Photograph No. 3**

<b>Site Name:</b>	Mills Gap (Assessment)	<b>Date:</b>	July 15, 2009
<b>Location:</b>	Asheville, Buncombe County, NC	<b>TDD No:</b>	TNA-05-003-0055
<b>Photographer:</b>	Nairimer Berrios-Cartagena, START		
<b>Subject:</b>	Purging and collecting water quality readings at location MGPW004.		



**Official Photograph No. 4**

<b>Site Name:</b>	Mills Gap (Assessment)	<b>Date:</b>	July 15, 2009
<b>Location:</b>	Asheville, Buncombe County, NC	<b>TDD No:</b>	TNA-05-003-0055
<b>Photographer:</b>	Nairimer Berrios-Cartagena, START		
<b>Subject:</b>	Purging and collecting water quality readings at location MGPW005.		





**Official Photograph No. 5**

<b>Site Name:</b>	Mills Gap (Assessment)	<b>Date:</b>	July 16, 2009
<b>Location:</b>	Asheville, Buncombe County, NC	<b>TDD No:</b>	TNA-05-003-0055
<b>Photographer:</b>	Ryan Stubbs, START		
<b>Subject:</b>	Purging and collecting water quality readings from the spigot at location MGPW081.		

**ATTACHMENT E**  
**CLP CASE NARRATIVE REPORTS**



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**August 17, 2009**

**4SESD-MTSB**

**MEMORANDUM**

**SUBJECT:** FINAL Analytical Report  
Project: 09-0539, Mills Gap Road Groundwater Contamination  
Superfund Remedial

**FROM:** Denise Goddard  
Quality Assurance Section Chemist

**THRU:** Marilyn Maycock, Chief  
Quality Assurance Section

**TO:** Carolyn Callihan

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

---

**Volatile Organics (VOA)**

Volatile organic compounds

CLP VOA





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Report Narrative** for Work Order C093001, Project: 09-0539

Organic Data Review and Validation

Project No. 09-0539, Case No. 38766, Work Order No(s): C093001

Element Sample IDs.: C093001-04 - 66, -68

Sampling date(s): 07/12/09-07/16/09

Laboratory Performing Organic CLP Analyses: Test-America, South Burlington, VT

Data for Site: Mills Gap Road Groundwater Contamination, Asheville, NC

Analyses Conducted: Trace Volatiles, Semivolatile Extractables

The ESAT Work Team reviewed data for sixty-two water samples analyzed for trace volatiles and semivolatile extractables in four sample delivery groups (SDGs). The laboratory was submitted two performance evaluation samples (PESs).

The samples were collected between 07/12/09 and 07/16/09, were received by the laboratory between 07/14/09 and 07/17/09, and the data package was received on 07/31/09 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB.

The laboratory satisfied all technical and contractual analysis and extraction holding time limits except for extractable sample C093001-13 as detailed below.

All results associated with either erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier.

Pertinent data quality factors are discussed below.

Trace Volatiles

1. The laboratory scored within warning limits for all spiked analytes in the PES.
2. Low DMC recoveries were observed in samples C093001-35 and -36 and the associated compounds were "J" qualified.
3. The DMC vinyl chloride-d3 was not recovered in samples C093001-35 and -36. The results for vinyl chloride, both not detected, were "R" qualified in these samples.
4. Poor responses ( $RRF < 0.050$ ) were observed for acetone and 2-butanone in initial calibrations. All non-detected results for acetone and 2-butanone were "R" qualified and the detected results for acetone were "J" qualified in the associated samples.

Semivolatiles



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

5. The laboratory scored within warning limits for all spiked analytes in the PES. Caprolactam was scored as a PES contaminant at less than the CRQL and acenaphthene was scored as a PES contaminant greater than the CRQL. Both compounds were treated as method blank contaminants during data qualification.
6. Low DMC recoveries were observed in samples C093001-35, -36, -50, and -53. The associated compounds were "J" qualified in the above samples.
7. DMC recoveries of less than 10% were observed in samples C093001-35 and -36. These samples were re-extracted and the results confirmed the initial extraction results. The associated compounds were "R" qualified in these two samples.
8. Several DMCs were below QC limits in sample C093001-13. The sample was re-extracted outside of technical and contractual holding time. DMC recoveries were within QC limits for the re-extraction. Sample results associated with low DMC recovery were reported from the re-extracted sample and "J" qualified.

#### Inorganic Data Review

Case No. 38766, Project No. 09-0539, Work Order No. C093001

ELEMENT Sample IDs.: C093001-01 - C093001-07, C093001-12 - C093001-67

Sampling Dates: 07/13-16/09

Laboratory Performing Inorganic Analysis: A4 Scientific, Inc., The Woodlands, TX

Date Received from Lab: 07/27/09

Analyses conducted: Total Metals, mercury, and cyanide

The ESAT Work Team has reviewed the above-captioned CLP data package consisting of 63 water samples for Total Metals analysis by ICP-AES and cyanide analysis by SOW ILM05.3, according to the contract Statement of Work and EPA guidelines. This package presents acceptable contractual and technical performance with qualifications. Additional details are provided below.

Examination of blank samples revealed apparent low-level contamination with several elements. Reported detection limits were adjusted as high as five times blank levels to discount possible false positives due to contamination.

#### ICP-AES Analysis

#### PE Sample Results

Performance evaluation sample recoveries were all scored as within limits by the web-based SPS Web software.



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Therefore, no data qualifiers were applied to the ICP-AES sample results based on these criteria.

#### Other QA/QC Results

Laboratory control sample recovery for silver in SDG MD5B24 was 58%. All sample results for silver in the above SDG were considered estimated and flagged "J".

Matrix spiked sample recoveries for antimony and silver in SDG MD5B25 were 72 and 74% respectively. All sample results for antimony and silver in the above SDG were considered estimated and flagged "J".

#### Mercury Analysis

##### PE Sample Results

Performance evaluation sample for mercury was scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to the samples for mercury analysis based on these criteria.

#### Other QA/QC Results

There were no other QA/QC problems for mercury analysis. Therefore, no data qualifiers were applied to soil or water mercury sample results for these criteria.

#### Cyanide Analysis

##### PE Sample Results

Performance evaluation sample recovery for cyanide was scored as action low by the web-based SPS Web software. All non-detected sample results for cyanide were considered unusable and flagged "R".

#### Other QA/QC Results

There were no other soil or water QA/QC problems for cyanide analysis. Therefore, no data qualifiers were applied to soil or water cyanide sample results for these criteria.

cc: Nardina Turner





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**SAMPLES INCLUDED IN THIS REPORT**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected	Date Received
MG-GMP3R-01	C093001-04	5B79	5B79	Equipment Rinse Blank	7/13/09 07:30	7/17/09 00:00
MG-GMP3R-02	C093001-05	5B80	5B80	Equipment Rinse Blank	7/13/09 08:15	7/17/09 00:00
MG-GMP3R-03	C093001-06	5B81	5B81	Equipment Rinse Blank	7/13/09 08:30	7/17/09 00:00
MG-GMP3R-04	C093001-07	5B82	5B82	Equipment Rinse Blank	7/13/09 08:40	7/17/09 00:00
MG-GMP3TB-01	C093001-08		5B83	Trip Blank - Water	7/12/09 11:00	7/17/09 00:00
MG-GMP3TB-02	C093001-09		5B84	Trip Blank - Water	7/12/09 11:00	7/17/09 00:00
MG-GMP3TB-03	C093001-10		5B85	Trip Blank - Water	7/12/09 11:00	7/17/09 00:00
MG-GMP3-05	C093001-12	5B29	5B29	Groundwater	7/15/09 09:48	7/17/09 00:00
MG-GMP3-44	C093001-13	5B91	5B91	Groundwater	7/16/09 14:52	7/17/09 00:00
MG-GMP3-45	C093001-14	5B69	5B69	Groundwater	7/15/09 13:35	7/17/09 00:00
MG-GMP3-46	C093001-15	5B70	5B70	Groundwater	7/16/09 09:13	7/17/09 00:00
MG-GMP3-52	C093001-16	5B76	5B76	Groundwater	7/16/09 09:18	7/17/09 00:00
MG-GMP3-10	C093001-17	5B34	5B34	Groundwater	7/13/09 13:43	7/17/09 00:00
MG-GMP3-17	C093001-18	5B41	5B41	Groundwater	7/14/09 13:58	7/17/09 00:00
MG-GMP3-25	C093001-19	5B49	5B49	Groundwater	7/15/09 08:43	7/17/09 00:00
MG-GMP3-32	C093001-20	5B56	5B56	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-14	C093001-21	5B38	5B38	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-37	C093001-22	5B61	5B61	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-30	C093001-23	5B54	5B54	Groundwater	7/14/09 11:15	7/17/09 00:00
MG-GMP3-09	C093001-24	5B33	5B33	Groundwater	7/13/09 11:20	7/17/09 00:00
MG-GMP3-48	C093001-25	5B72	5B72	Groundwater	7/13/09 11:20	7/17/09 00:00
MG-GMP3-34	C093001-26	5B58	5B58	Groundwater	7/14/09 10:45	7/17/09 00:00
MG-GMP3-03	C093001-27	5B27	5B27	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-53	C093001-28	5B88	5B88	Groundwater	7/16/09 09:20	7/17/09 00:00
MG-GMP3-24	C093001-29	5B48	5B48	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-22	C093001-30	5B46	5B46	Groundwater	7/14/09 13:50	7/17/09 00:00
MG-GMP3-07	C093001-31	5B31	5B31	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-06	C093001-32	5B30	5B30	Groundwater	7/15/09 10:33	7/17/09 00:00
MG-GMP3-11	C093001-33	5B35	5B35	Groundwater	7/16/09 10:25	7/17/09 00:00
MG-GMP3-13	C093001-34	5B37	5B37	Groundwater	7/14/09 10:31	7/17/09 00:00
MG-GMP3-38	C093001-35	5B62	5B62	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-51	C093001-36	5B75	5B75	Groundwater	7/13/09 14:05	7/17/09 00:00
MG-GMP3-43	C093001-37	5B67	5B67	Groundwater	7/16/09 10:51	7/17/09 00:00
MG-GMP3-55	C093001-38	5B90	5B90	Groundwater	7/16/09 10:56	7/17/09 00:00



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

MG-GMP3-36	C093001-39	5B60	5B60	Groundwater	7/13/09 13:03	7/17/09 00:00
MG-GMP3-39	C093001-40	5B63	5B63	Groundwater	7/15/09 09:46	7/17/09 00:00
MG-GMP3-12	C093001-41	5B36	5B36	Groundwater	7/14/09 09:51	7/17/09 00:00
MG-GMP3-47	C093001-42	5B71	5B71	Groundwater	7/16/09 10:14	7/17/09 00:00
MG-GMP3-41	C093001-43	5B65	5B65	Groundwater	7/15/09 08:38	7/17/09 00:00
MG-GMP3-40	C093001-44	5B64	5B64	Groundwater	7/15/09 09:14	7/17/09 00:00
MG-GMP3-33	C093001-45	5B57	5B57	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-29	C093001-46	5B53	5B53	Groundwater	7/15/09 08:40	7/17/09 00:00
MG-GMP3-28	C093001-47	5B52	5B52	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-50	C093001-48	5B74	5B74	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-27	C093001-49	5B51	5B51	Groundwater	7/15/09 09:15	7/17/09 00:00
MG-GMP3-26	C093001-50	5B50	5B50	Groundwater	7/15/09 09:55	7/17/09 00:00
MG-GMP3-20	C093001-51	5B44	5B44	Groundwater	7/13/09 09:12	7/17/09 00:00
MG-GMP3-35	C093001-52	5B59	5B59	Groundwater	7/16/09 13:10	7/17/09 00:00
MG-GMP3-54	C093001-53	5B89	5B89	Groundwater	7/16/09 13:15	7/17/09 00:00
MG-GMP3-04	C093001-54	5B28	5B28	Groundwater	7/15/09 10:45	7/17/09 00:00
MG-GMP3-23	C093001-55	5B47	5B47	Groundwater	7/16/09 12:54	7/17/09 00:00
MG-GMP3-31	C093001-56	5B55	5B55	Groundwater	7/14/09 10:30	7/17/09 00:00
MG-GMP3-01	C093001-57	5B25	5B25	Groundwater	7/16/09 11:00	7/17/09 00:00
MG-GMP3-19	C093001-58	5B43	5B43	Groundwater	7/13/09 09:58	7/17/09 00:00
MG-GMP3-49	C093001-59	5B73	5B73	Groundwater	7/13/09 09:55	7/17/09 00:00
MG-GMP3-08	C093001-60	5B32	5B32	Groundwater	7/14/09 09:50	7/17/09 00:00
MG-GMP3-02	C093001-61	5B26	5B26	Groundwater	7/16/09 10:15	7/17/09 00:00
MG-GMP3-15	C093001-62	5B39	5B39	Groundwater	7/15/09 11:00	7/17/09 00:00
MG-GMP3-16	C093001-63	5B40	5B40	Groundwater	7/15/09 10:34	7/17/09 00:00
MG-GMP3-18	C093001-64	5B42	5B42	Groundwater	7/13/09 11:15	7/17/09 00:00



## 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

### DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CLP01	Concentration reported is less than the lowest standard on calibration curve
CLP15	TIC Results Reported as Identified by Lab - IDs Not Verified
CLP16	Initial Calibration Response Erratic
CLP17	Initial Calibration Relative Response Outside Method Control Limits
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
QS-3	Surrogate recovery is lower than established control limits.
QS-4	Surrogate recovery less than 10%
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

### 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.





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-01

Lab ID: C093001-04

MD No: 5B79 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B79 TEST

Date Collected: 7/13/09 7:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-01

Lab ID: C093001-04

MD No: 5B79 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B79 TEST

Date Collected: 7/13/09 7:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	0.9	J, CLP15	ug/L		7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

MD No: 5B80 A4

D No: 5B80 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

MD No: 5B80 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B80 TEST

Date Collected: 7/13/09 8:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:	N, CLP15				7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B81 A4

Sample ID: MG-GMP3R-03

Lab ID: C093001-06

D No: 5B81 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-03

Lab ID: C093001-06

MD No: 5B81 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B81 TEST

Date Collected: 7/13/09 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6500	Petroleum Product:	N, CLP15				7/16/09	7/16/09	CLP SOM01.2 VT
R4-6501	Unidentified Compound(s)	2	J, CLP15	ug/L		7/16/09	7/16/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-04

Lab ID: C093001-07

MD No: 5B82 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B82 TEST

Date Collected: 7/13/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-04

Lab ID: C093001-07

MD No: 5B82 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B82 TEST

Date Collected: 7/13/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	0.8	J, CLP15	ug/L		7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No:

Sample ID: MG-GMP3TB-01

Lab ID: C093001-08

D No: 5B83 TEST

Station ID:

Matrix: Trip Blank - Water

Date Collected: 7/12/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	7.3	J, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3TB-01

Lab ID: C093001-08

MD No:

Station ID:

Matrix: Trip Blank - Water

D No: 5B83 TEST

Date Collected: 7/12/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	3	J, CLP15	ug/L		7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No:

Sample ID: MG-GMP3TB-02

Lab ID: C093001-09

D No: 5B84 TEST

Station ID:

Matrix: Trip Blank - Water

Date Collected: 7/12/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	9.2	J, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3TB-02

Lab ID: C093001-09

MD No:

Station ID:

Matrix: Trip Blank - Water

D No: 5B84 TEST

Date Collected: 7/12/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	0.6	J, CLP15	ug/L		7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No:

Sample ID: MG-GMP3TB-03

Lab ID: C093001-10

D No: 5B85 TEST

Station ID:

Matrix: Trip Blank - Water

Date Collected: 7/12/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	8.4	J, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No:**

**Sample ID: MG-GMP3TB-03**

**Lab ID: C093001-10**

**D No: 5B85 TEST**

**Station ID:**

**Matrix: Trip Blank - Water**

**Date Collected: 7/12/09 11:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	0.7	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-05

Lab ID: C093001-12

MD No: 5B29 A4

Station ID: BBER01

Matrix: Groundwater

D No: 5B29 TEST

Date Collected: 7/15/09 9:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.30	J, CLP01	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-05

Lab ID: C093001-12

MD No: 5B29 A4

Station ID: BBER01

Matrix: Groundwater

D No: 5B29 TEST

Date Collected: 7/15/09 9:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B91 A4

D No: 5B91 TEST

Sample ID: MG-GMP3-44

Lab ID: C093001-13

Station ID: MGPW004

Matrix: Groundwater

Date Collected: 7/16/09 14:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/25/09	7/25/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-44

Lab ID: C093001-13

MD No: 5B91 A4

Station ID: MGPW004

Matrix: Groundwater

D No: 5B91 TEST

Date Collected: 7/16/09 14:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/25/09	7/25/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/25/09	7/25/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/25/09	7/25/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/25/09	7/25/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/25/09	7/25/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B69 A4

D No: 5B69 TEST

Sample ID: MG-GMP3-45

Lab ID: C093001-14

Station ID: MGPW005

Matrix: Groundwater

Date Collected: 7/15/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-45

Lab ID: C093001-14

MD No: 5B69 A4

Station ID: MGPW005

Matrix: Groundwater

D No: 5B69 TEST

Date Collected: 7/15/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	0.6	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B70 A4

Sample ID: MG-GMP3-46

Lab ID: C093001-15

D No: 5B70 TEST

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:13

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-46**

**Lab ID: C093001-15**

**MD No: 5B70 A4**

**Station ID: MGPW006**

**Matrix: Groundwater**

**D No: 5B70 TEST**

**Date Collected: 7/16/09 9:13**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B76 A4

Sample ID: MG-GMP3-52

Lab ID: C093001-16

D No: 5B76 TEST

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B76 A4

D No: 5B76 TEST

Sample ID: MG-GMP3-52

Lab ID: C093001-16

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	1	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B34 A4

Sample ID: MG-GMP3-10

Lab ID: C093001-17

D No: 5B34 TEST

Station ID: MGPW007

Matrix: Groundwater

Date Collected: 7/13/09 13:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-10**

**Lab ID: C093001-17**

**MD No: 5B34 A4**

**Station ID: MGPW007**

**Matrix: Groundwater**

**D No: 5B34 TEST**

**Date Collected: 7/13/09 13:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
556-67-2	Cyclotetrasiloxane, octamethyl-	0.7	NJ, CLP15	ug/L		7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B41 A4

Sample ID: MG-GMP3-17

Lab ID: C093001-18

D No: 5B41 TEST

Station ID: MGPW008

Matrix: Groundwater

Date Collected: 7/14/09 13:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B41 A4

D No: 5B41 TEST

Sample ID: MG-GMP3-17

Lab ID: C093001-18

Station ID: MGPW008

Matrix: Groundwater

Date Collected: 7/14/09 13:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.24	J, CLP01	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B49 A4

Sample ID: MG-GMP3-25

Lab ID: C093001-19

D No: 5B49 TEST

Station ID: MGPW010

Matrix: Groundwater

Date Collected: 7/15/09 8:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-25

Lab ID: C093001-19

MD No: 5B49 A4

Station ID: MGPW010

Matrix: Groundwater

D No: 5B49 TEST

Date Collected: 7/15/09 8:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-32

Lab ID: C093001-20

MD No: 5B56 A4

Station ID: MGPW011

Matrix: Groundwater

D No: 5B56 TEST

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-32

Lab ID: C093001-20

MD No: 5B56 A4

Station ID: MGPW011

Matrix: Groundwater

D No: 5B56 TEST

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-14

Lab ID: C093001-21

MD No: 5B38 A4

Station ID: MGPW013

Matrix: Groundwater

D No: 5B38 TEST

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-14**

**Lab ID: C093001-21**

**MD No: 5B38 A4**

**Station ID: MGPW013**

**Matrix: Groundwater**

**D No: 5B38 TEST**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B61 A4

Sample ID: MG-GMP3-37

Lab ID: C093001-22

D No: 5B61 TEST

Station ID: MGPW014

Matrix: Groundwater

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-37**

**Lab ID: C093001-22**

**MD No: 5B61 A4**

**Station ID: MGPW014**

**Matrix: Groundwater**

**D No: 5B61 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B54 A4

Sample ID: MG-GMP3-30

Lab ID: C093001-23

D No: 5B54 TEST

Station ID: MGPW015

Matrix: Groundwater

Date Collected: 7/14/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-30

Lab ID: C093001-23

MD No: 5B54 A4

Station ID: MGPW015

Matrix: Groundwater

D No: 5B54 TEST

Date Collected: 7/14/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-09

Lab ID: C093001-24

MD No: 5B33 A4

Station ID: MGPW016

Matrix: Groundwater

D No: 5B33 TEST

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.30	J, CLP01	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.28	J, CLP01	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-09**

**Lab ID: C093001-24**

**MD No: 5B33 A4**

**Station ID: MGPW016**

**Matrix: Groundwater**

**D No: 5B33 TEST**

**Date Collected: 7/13/09 11:20**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	1	J, CLP15	ug/L		7/15/09	7/15/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-48

Lab ID: C093001-25

MD No: 5B72 A4

Station ID: MGPW016

Matrix: Groundwater

D No: 5B72 TEST

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.27	J, CLP01	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.28	J, CLP01	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-48

Lab ID: C093001-25

MD No: 5B72 A4

Station ID: MGPW016

Matrix: Groundwater

D No: 5B72 TEST

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/15/09	7/15/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/15/09	7/15/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	0.9	J, CLP15	ug/L		7/15/09	7/15/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-34

Lab ID: C093001-26

MD No: 5B58 A4

Station ID: MGPW017

Matrix: Groundwater

D No: 5B58 TEST

Date Collected: 7/14/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-34

Lab ID: C093001-26

MD No: 5B58 A4

Station ID: MGPW017

Matrix: Groundwater

D No: 5B58 TEST

Date Collected: 7/14/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B27 A4

Sample ID: MG-GMP3-03

Lab ID: C093001-27

D No: 5B27 TEST

Station ID: MGPW021

Matrix: Groundwater

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-03

Lab ID: C093001-27

MD No: 5B27 A4

Station ID: MGPW021

Matrix: Groundwater

D No: 5B27 TEST

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.44	J, CLP01	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	2	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B88 A4

Sample ID: MG-GMP3-53

Lab ID: C093001-28

D No: 5B88 TEST

Station ID: MGPW021

Matrix: Groundwater

Date Collected: 7/16/09 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-53

Lab ID: C093001-28

MD No: 5B88 A4

Station ID: MGPW021

Matrix: Groundwater

D No: 5B88 TEST

Date Collected: 7/16/09 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.44	J, CLP01	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-24

Lab ID: C093001-29

MD No: 5B48 A4

Station ID: MGPW022

Matrix: Groundwater

D No: 5B48 TEST

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B48 A4

D No: 5B48 TEST

Sample ID: MG-GMP3-24

Lab ID: C093001-29

Station ID: MGPW022

Matrix: Groundwater

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B46 A4

Sample ID: MG-GMP3-22

Lab ID: C093001-30

D No: 5B46 TEST

Station ID: MGPW023

Matrix: Groundwater

Date Collected: 7/14/09 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B46 A4

D No: 5B46 TEST

Sample ID: MG-GMP3-22

Lab ID: C093001-30

Station ID: MGPW023

Matrix: Groundwater

Date Collected: 7/14/09 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B31 A4

D No: 5B31 TEST

Sample ID: MG-GMP3-07

Lab ID: C093001-31

Station ID: MGPW036

Matrix: Groundwater

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-07

Lab ID: C093001-31

MD No: 5B31 A4

Station ID: MGPW036

Matrix: Groundwater

D No: 5B31 TEST

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-06

Lab ID: C093001-32

MD No: 5B30 A4

Station ID: MGPW038

Matrix: Groundwater

D No: 5B30 TEST

Date Collected: 7/15/09 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-06

Lab ID: C093001-32

MD No: 5B30 A4

Station ID: MGPW038

Matrix: Groundwater

D No: 5B30 TEST

Date Collected: 7/15/09 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	0.8	J, CLP15	ug/L		7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B35 A4

Sample ID: MG-GMP3-11

Lab ID: C093001-33

D No: 5B35 TEST

Station ID: MGPW039

Matrix: Groundwater

Date Collected: 7/16/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-11**

**Lab ID: C093001-33**

**MD No: 5B35 A4**

**Station ID: MGPW039**

**Matrix: Groundwater**

**D No: 5B35 TEST**

**Date Collected: 7/16/09 10:25**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-13

Lab ID: C093001-34

MD No: 5B37 A4

Station ID: MGPW045

Matrix: Groundwater

D No: 5B37 TEST

Date Collected: 7/14/09 10:31

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-13

Lab ID: C093001-34

MD No: 5B37 A4

Station ID: MGPW045

Matrix: Groundwater

D No: 5B37 TEST

Date Collected: 7/14/09 10:31

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-38

Lab ID: C093001-35

MD No: 5B62 A4

Station ID: MGPW046

Matrix: Groundwater

D No: 5B62 TEST

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	71	J, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	1.6		ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-38**

**Lab ID: C093001-35**

**MD No: 5B62 A4**

**Station ID: MGPW046**

**Matrix: Groundwater**

**D No: 5B62 TEST**

**Date Collected: 7/13/09 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.27	J, CLP01	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U, R, QS-4	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	0.6	J, CLP15	ug/L		7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B75 A4

Sample ID: MG-GMP3-51

Lab ID: C093001-36

D No: 5B75 TEST

Station ID: MGPW046

Matrix: Groundwater

Date Collected: 7/13/09 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	82	J, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	2.1		ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-51**

**Lab ID: C093001-36**

**MD No: 5B75 A4**

**Station ID: MGPW046**

**Matrix: Groundwater**

**D No: 5B75 TEST**

**Date Collected: 7/13/09 14:05**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.34	J, CLP01	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U, J, QS-3	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U, R, QS-4	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	3	J, CLP15	ug/L		7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B67 A4

Sample ID: MG-GMP3-43

Lab ID: C093001-37

D No: 5B67 TEST

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	2.5		ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-43

Lab ID: C093001-37

MD No: 5B67 A4

Station ID: MGPW048

Matrix: Groundwater

D No: 5B67 TEST

Date Collected: 7/16/09 10:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B90 A4

Sample ID: MG-GMP3-55

Lab ID: C093001-38

D No: 5B90 TEST

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:56

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	2.4		ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B90 A4

D No: 5B90 TEST

Sample ID: MG-GMP3-55

Lab ID: C093001-38

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:56

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-36

Lab ID: C093001-39

MD No: 5B60 A4

Station ID: MGPW049

Matrix: Groundwater

D No: 5B60 TEST

Date Collected: 7/13/09 13:03

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-36**

**Lab ID: C093001-39**

**MD No: 5B60 A4**

**Station ID: MGPW049**

**Matrix: Groundwater**

**D No: 5B60 TEST**

**Date Collected: 7/13/09 13:03**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B63 A4

D No: 5B63 TEST

Sample ID: MG-GMP3-39

Lab ID: C093001-40

Station ID: MGPW053

Matrix: Groundwater

Date Collected: 7/15/09 9:46

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-39

Lab ID: C093001-40

MD No: 5B63 A4

Station ID: MGPW053

Matrix: Groundwater

D No: 5B63 TEST

Date Collected: 7/15/09 9:46

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-12

Lab ID: C093001-41

MD No: 5B36 A4

Station ID: MGPW055

Matrix: Groundwater

D No: 5B36 TEST

Date Collected: 7/14/09 9:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-12

Lab ID: C093001-41

MD No: 5B36 A4

Station ID: MGPW055

Matrix: Groundwater

D No: 5B36 TEST

Date Collected: 7/14/09 9:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B71 A4

Sample ID: MG-GMP3-47

Lab ID: C093001-42

D No: 5B71 TEST

Station ID: MGPW057

Matrix: Groundwater

Date Collected: 7/16/09 10:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-47

Lab ID: C093001-42

MD No: 5B71 A4

Station ID: MGPW057

Matrix: Groundwater

D No: 5B71 TEST

Date Collected: 7/16/09 10:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-41

Lab ID: C093001-43

MD No: 5B65 A4

Station ID: MGPW058

Matrix: Groundwater

D No: 5B65 TEST

Date Collected: 7/15/09 8:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-41

Lab ID: C093001-43

MD No: 5B65 A4

Station ID: MGPW058

Matrix: Groundwater

D No: 5B65 TEST

Date Collected: 7/15/09 8:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B64 A4

Sample ID: MG-GMP3-40

Lab ID: C093001-44

D No: 5B64 TEST

Station ID: MGPW060

Matrix: Groundwater

Date Collected: 7/15/09 9:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-40

Lab ID: C093001-44

MD No: 5B64 A4

Station ID: MGPW060

Matrix: Groundwater

D No: 5B64 TEST

Date Collected: 7/15/09 9:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-33

Lab ID: C093001-45

MD No: 5B57 A4

Station ID: MGPW063

Matrix: Groundwater

D No: 5B57 TEST

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-33

Lab ID: C093001-45

MD No: 5B57 A4

Station ID: MGPW063

Matrix: Groundwater

D No: 5B57 TEST

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.31	J, CLP01	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-29

Lab ID: C093001-46

MD No: 5B53 A4

Station ID: MGPW064

Matrix: Groundwater

D No: 5B53 TEST

Date Collected: 7/15/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-29

Lab ID: C093001-46

MD No: 5B53 A4

Station ID: MGPW064

Matrix: Groundwater

D No: 5B53 TEST

Date Collected: 7/15/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6500	Petroleum Product:	N, CLP15				7/22/09	7/22/09	CLP SOM01.2 VT
R4-6501	Unidentified Compound(s)	0.6	J, CLP15	ug/L		7/22/09	7/22/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B52 A4

Sample ID: MG-GMP3-28

Lab ID: C093001-47

D No: 5B52 TEST

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-28

Lab ID: C093001-47

MD No: 5B52 A4

Station ID: MGPW071

Matrix: Groundwater

D No: 5B52 TEST

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B74 A4

Sample ID: MG-GMP3-50

Lab ID: C093001-48

D No: 5B74 TEST

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B74 A4

D No: 5B74 TEST

Sample ID: MG-GMP3-50

Lab ID: C093001-48

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B51 A4

Sample ID: MG-GMP3-27

Lab ID: C093001-49

D No: 5B51 TEST

Station ID: MGPW072

Matrix: Groundwater

Date Collected: 7/15/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.23	J, CLP01	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-27**

**Lab ID: C093001-49**

**MD No: 5B51 A4**

**Station ID: MGPW072**

**Matrix: Groundwater**

**D No: 5B51 TEST**

**Date Collected: 7/15/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-26

Lab ID: C093001-50

MD No: 5B50 A4

Station ID: MGPW073

Matrix: Groundwater

D No: 5B50 TEST

Date Collected: 7/15/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-26

Lab ID: C093001-50

MD No: 5B50 A4

Station ID: MGPW073

Matrix: Groundwater

D No: 5B50 TEST

Date Collected: 7/15/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B44 A4

Sample ID: MG-GMP3-20

Lab ID: C093001-51

D No: 5B44 TEST

Station ID: MGPW074

Matrix: Groundwater

Date Collected: 7/13/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B44 A4

D No: 5B44 TEST

Sample ID: MG-GMP3-20

Lab ID: C093001-51

Station ID: MGPW074

Matrix: Groundwater

Date Collected: 7/13/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B59 A4

D No: 5B59 TEST

Sample ID: MG-GMP3-35

Lab ID: C093001-52

Station ID: MGPW081

Matrix: Groundwater

Date Collected: 7/16/09 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-35**

**Lab ID: C093001-52**

**MD No: 5B59 A4**

**Station ID: MGPW081**

**Matrix: Groundwater**

**D No: 5B59 TEST**

**Date Collected: 7/16/09 13:10**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-54

Lab ID: C093001-53

MD No: 5B89 A4

Station ID: MGPW081

Matrix: Groundwater

D No: 5B89 TEST

Date Collected: 7/16/09 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-54**

**Lab ID: C093001-53**

**MD No: 5B89 A4**

**Station ID: MGPW081**

**Matrix: Groundwater**

**D No: 5B89 TEST**

**Date Collected: 7/16/09 13:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	2	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B28 A4

Sample ID: MG-GMP3-04

Lab ID: C093001-54

D No: 5B28 TEST

Station ID: MGPW082

Matrix: Groundwater

Date Collected: 7/15/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-04**

**Lab ID: C093001-54**

**MD No: 5B28 A4**

**Station ID: MGPW082**

**Matrix: Groundwater**

**D No: 5B28 TEST**

**Date Collected: 7/15/09 10:45**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.27	J, CLP01	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6500	Petroleum Product:	N, CLP15				7/24/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-23

Lab ID: C093001-55

MD No: 5B47 A4

Station ID: MGPW083

Matrix: Groundwater

D No: 5B47 TEST

Date Collected: 7/16/09 12:54

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.27	J, CLP01	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-23

Lab ID: C093001-55

MD No: 5B47 A4

Station ID: MGPW083

Matrix: Groundwater

D No: 5B47 TEST

Date Collected: 7/16/09 12:54

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-31

Lab ID: C093001-56

MD No: 5B55 A4

Station ID: MGPW084

Matrix: Groundwater

D No: 5B55 TEST

Date Collected: 7/14/09 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-31

Lab ID: C093001-56

MD No: 5B55 A4

Station ID: MGPW084

Matrix: Groundwater

D No: 5B55 TEST

Date Collected: 7/14/09 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B25 A4

D No: 5B25 TEST

Sample ID: MG-GMP3-01

Lab ID: C093001-57

Station ID: MGPW085

Matrix: Groundwater

Date Collected: 7/16/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-01**

**Lab ID: C093001-57**

**MD No: 5B25 A4**

**Station ID: MGPW085**

**Matrix: Groundwater**

**D No: 5B25 TEST**

**Date Collected: 7/16/09 11:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	1	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B43 A4

Sample ID: MG-GMP3-19

Lab ID: C093001-58

D No: 5B43 TEST

Station ID: MGPW086

Matrix: Groundwater

Date Collected: 7/13/09 9:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-19**

**Lab ID: C093001-58**

**MD No: 5B43 A4**

**Station ID: MGPW086**

**Matrix: Groundwater**

**D No: 5B43 TEST**

**Date Collected: 7/13/09 9:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-49

Lab ID: C093001-59

MD No: 5B73 A4

Station ID: MGPW086

Matrix: Groundwater

D No: 5B73 TEST

Date Collected: 7/13/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-49**

**Lab ID: C093001-59**

**MD No: 5B73 A4**

**Station ID: MGPW086**

**Matrix: Groundwater**

**D No: 5B73 TEST**

**Date Collected: 7/13/09 9:55**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B32 A4

D No: 5B32 TEST

Sample ID: MG-GMP3-08

Lab ID: C093001-60

Station ID: MGPW087

Matrix: Groundwater

Date Collected: 7/14/09 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-08

Lab ID: C093001-60

MD No: 5B32 A4

Station ID: MGPW087

Matrix: Groundwater

D No: 5B32 TEST

Date Collected: 7/14/09 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/17/09	7/17/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/17/09	7/17/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/17/09	7/17/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B26 A4

D No: 5B26 TEST

Sample ID: MG-GMP3-02

Lab ID: C093001-61

Station ID: MGPW088

Matrix: Groundwater

Date Collected: 7/16/09 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-02

Lab ID: C093001-61

MD No: 5B26 A4

Station ID: MGPW088

Matrix: Groundwater

D No: 5B26 TEST

Date Collected: 7/16/09 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/24/09	7/24/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/24/09	7/24/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
123-05-7	Hexanal, 2-ethyl-	0.5	NJ, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT
R4-6500	Petroleum Product:		N, CLP15			7/24/09	7/24/09	CLP SOM01.2 VT
R4-6501	Unidentified Compound(s)	20	J, CLP15	ug/L		7/24/09	7/24/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B39 A4

D No: 5B39 TEST

Sample ID: MG-GMP3-15

Lab ID: C093001-62

Station ID: MGPW089

Matrix: Groundwater

Date Collected: 7/15/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-15

Lab ID: C093001-62

MD No: 5B39 A4

Station ID: MGPW089

Matrix: Groundwater

D No: 5B39 TEST

Date Collected: 7/15/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B40 A4

Sample ID: MG-GMP3-16

Lab ID: C093001-63

D No: 5B40 TEST

Station ID: MGPW090

Matrix: Groundwater

Date Collected: 7/15/09 10:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-16

Lab ID: C093001-63

MD No: 5B40 A4

Station ID: MGPW090

Matrix: Groundwater

D No: 5B40 TEST

Date Collected: 7/15/09 10:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/22/09	7/22/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/22/09	7/22/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/22/09	7/22/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B42 A4

Sample ID: MG-GMP3-18

Lab ID: C093001-64

D No: 5B42 TEST

Station ID: MGPW091

Matrix: Groundwater

Date Collected: 7/13/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-64-1	Acetone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
71-43-2	Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-25-2	Bromoform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-83-9	Bromomethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
56-23-5	Carbon Tetrachloride	0.50	U, J, CLP16	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-00-3	Chloroethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
67-66-3	Chloroform	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
74-87-3	Chloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-18**

**Lab ID: C093001-64**

**MD No: 5B42 A4**

**Station ID: MGPW091**

**Matrix: Groundwater**

**D No: 5B42 TEST**

**Date Collected: 7/13/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-20-9	Methyl Acetate	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
591-78-6	Methyl Butyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
78-93-3	Methyl Ethyl Ketone	5.0	U, R, CLP17	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
108-10-1	Methyl Isobutyl Ketone	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP SOM01.2 VT
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
95-47-6	o-Xylene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
100-42-5	Styrene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
108-88-3	Toluene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	7/16/09	7/16/09	CLP SOM01.2 VT
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	0.5	U	ug/L	0.5	7/16/09	7/16/09	CLP SOM01.2 VT



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**August 12, 2009**

**4SESD-MTSB**

**MEMORANDUM**

**SUBJECT:** FINAL Analytical Report  
Project: 09-0539, Mills Gap Road Groundwater Contamination  
Superfund Remedial

**FROM:** Denise Goddard  
Quality Assurance Section Chemist

**THRU:** Marilyn Maycock, Chief  
Quality Assurance Section

**TO:** Carolyn Callihan

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

---

**Classical/Nutrient Analyses (CNA)**

Cyanide

CLP Inorganics

**Total Metals (TMTL)**

Total Mercury

CLP Inorganics

Total Metals

CLP Inorganics





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Report Narrative** for Work Order C093001, Project: 09-0539

Inorganic Data Review and Validation Report

Site Name: Mills Gap Road Groundwater Contamination, Asheville, NC

Case No. 38766, Project No. 09-0539, Work Order No. C093001

ELEMENT Sample IDs.: C093001-01 - C093001-07, C093001-12 - C093001-67

Sampling Dates: 07/13-16/09

Laboratory Performing Inorganic Analysis: A4 Scientific, Inc., The Woodlands, TX

Date Received from Lab: 07/27/09

Analyses conducted: Total Metals, mercury, and cyanide

The ESAT Work Team has reviewed the above-captioned CLP data package consisting of 63 water samples for Total Metals analysis by ICP-AES and cyanide analysis by SOW ILM05.3, according to the contract Statement of Work and EPA guidelines. This package presents acceptable contractual and technical performance with qualifications. Additional details are provided below.

Examination of blank samples revealed apparent low-level contamination with several elements. Reported detection limits were adjusted as high as five times blank levels to discount possible false positives due to contamination.

ICP-AES Analysis

PE Sample Results

Performance evaluation sample recoveries were all scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to the ICP-AES sample results based on these criteria.

Other QA/QC Results

Laboratory control sample recovery for silver in SDG MD5B24 was 58%. All sample results for silver in the above SDG were considered estimated and flagged "J".

Matrix spiked sample recoveries for antimony and silver in SDG MD5B25 were 72 and 74% respectively. All sample results for antimony and silver in the above SDG were considered estimated and flagged "J".

Mercury Analysis

PE Sample Results

Performance evaluation sample for mercury was scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to the samples for mercury analysis based on these criteria.



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

#### Other QA/QC Results

There were no other QA/QC problems for mercury analysis. Therefore, no data qualifiers were applied to soil or water mercury sample results for these criteria.

#### Cyanide Analysis

##### PE Sample Results

Performance evaluation sample recovery for cyanide was scored as action low by the web-based SPS Web software. All non-detected sample results for cyanide were considered unusable and flagged "R".

#### Other QA/QC Results

There were no other soil or water QA/QC problems for cyanide analysis. Therefore, no data qualifiers were applied to soil or water cyanide sample results for these criteria.

cc: Nardina Turner



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**SAMPLES INCLUDED IN THIS REPORT**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected	Date Received
MG-GMP3MB-01	C093001-01	5B24		CLP Metals Blank	7/8/09 16:00	7/17/09 00:00
MG-GMP3PB-01	C093001-02	5B77		Preservative Blank	7/16/09 13:26	7/17/09 00:00
MG-GMP3PB-02	C093001-03	5B78		Preservative Blank	7/16/09 13:28	7/17/09 00:00
MG-GMP3R-01	C093001-04	5B79	5B79	Equipment Rinse Blank	7/13/09 07:30	7/17/09 00:00
MG-GMP3R-02	C093001-05	5B80	5B80	Equipment Rinse Blank	7/13/09 08:15	7/17/09 00:00
MG-GMP3R-03	C093001-06	5B81	5B81	Equipment Rinse Blank	7/13/09 08:30	7/17/09 00:00
MG-GMP3R-04	C093001-07	5B82	5B82	Equipment Rinse Blank	7/13/09 08:40	7/17/09 00:00
MG-GMP3-05	C093001-12	5B29	5B29	Groundwater	7/15/09 09:48	7/17/09 00:00
MG-GMP3-44	C093001-13	5B91	5B91	Groundwater	7/16/09 14:52	7/17/09 00:00
MG-GMP3-45	C093001-14	5B69	5B69	Groundwater	7/15/09 13:35	7/17/09 00:00
MG-GMP3-46	C093001-15	5B70	5B70	Groundwater	7/16/09 09:13	7/17/09 00:00
MG-GMP3-52	C093001-16	5B76	5B76	Groundwater	7/16/09 09:18	7/17/09 00:00
MG-GMP3-10	C093001-17	5B34	5B34	Groundwater	7/13/09 13:43	7/17/09 00:00
MG-GMP3-17	C093001-18	5B41	5B41	Groundwater	7/14/09 13:58	7/17/09 00:00
MG-GMP3-25	C093001-19	5B49	5B49	Groundwater	7/15/09 08:43	7/17/09 00:00
MG-GMP3-32	C093001-20	5B56	5B56	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-14	C093001-21	5B38	5B38	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-37	C093001-22	5B61	5B61	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-30	C093001-23	5B54	5B54	Groundwater	7/14/09 11:15	7/17/09 00:00
MG-GMP3-09	C093001-24	5B33	5B33	Groundwater	7/13/09 11:20	7/17/09 00:00
MG-GMP3-34	C093001-26	5B58	5B58	Groundwater	7/14/09 10:45	7/17/09 00:00
MG-GMP3-03	C093001-27	5B27	5B27	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-53	C093001-28	5B88	5B88	Groundwater	7/16/09 09:20	7/17/09 00:00
MG-GMP3-24	C093001-29	5B48	5B48	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-22	C093001-30	5B46	5B46	Groundwater	7/14/09 13:50	7/17/09 00:00
MG-GMP3-07	C093001-31	5B31	5B31	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-06	C093001-32	5B30	5B30	Groundwater	7/15/09 10:33	7/17/09 00:00
MG-GMP3-11	C093001-33	5B35	5B35	Groundwater	7/16/09 10:25	7/17/09 00:00
MG-GMP3-13	C093001-34	5B37	5B37	Groundwater	7/14/09 10:31	7/17/09 00:00
MG-GMP3-38	C093001-35	5B62	5B62	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-43	C093001-37	5B67	5B67	Groundwater	7/16/09 10:51	7/17/09 00:00
MG-GMP3-55	C093001-38	5B90	5B90	Groundwater	7/16/09 10:56	7/17/09 00:00
MG-GMP3-36	C093001-39	5B60	5B60	Groundwater	7/13/09 13:03	7/17/09 00:00
MG-GMP3-39	C093001-40	5B63	5B63	Groundwater	7/15/09 09:46	7/17/09 00:00



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

MG-GMP3-12	C093001-41	5B36	5B36	Groundwater	7/14/09 09:51	7/17/09 00:00
MG-GMP3-47	C093001-42	5B71	5B71	Groundwater	7/16/09 10:14	7/17/09 00:00
MG-GMP3-41	C093001-43	5B65	5B65	Groundwater	7/15/09 08:38	7/17/09 00:00
MG-GMP3-40	C093001-44	5B64	5B64	Groundwater	7/15/09 09:14	7/17/09 00:00
MG-GMP3-33	C093001-45	5B57	5B57	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-29	C093001-46	5B53	5B53	Groundwater	7/15/09 08:40	7/17/09 00:00
MG-GMP3-28	C093001-47	5B52	5B52	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-50	C093001-48	5B74	5B74	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-27	C093001-49	5B51	5B51	Groundwater	7/15/09 09:15	7/17/09 00:00
MG-GMP3-26	C093001-50	5B50	5B50	Groundwater	7/15/09 09:55	7/17/09 00:00
MG-GMP3-20	C093001-51	5B44	5B44	Groundwater	7/13/09 09:12	7/17/09 00:00
MG-GMP3-35	C093001-52	5B59	5B59	Groundwater	7/16/09 13:10	7/17/09 00:00
MG-GMP3-54	C093001-53	5B89	5B89	Groundwater	7/16/09 13:15	7/17/09 00:00
MG-GMP3-04	C093001-54	5B28	5B28	Groundwater	7/15/09 10:45	7/17/09 00:00
MG-GMP3-23	C093001-55	5B47	5B47	Groundwater	7/16/09 12:54	7/17/09 00:00
MG-GMP3-31	C093001-56	5B55	5B55	Groundwater	7/14/09 10:30	7/17/09 00:00
MG-GMP3-01	C093001-57	5B25	5B25	Groundwater	7/16/09 11:00	7/17/09 00:00
MG-GMP3-19	C093001-58	5B43	5B43	Groundwater	7/13/09 09:58	7/17/09 00:00
MG-GMP3-08	C093001-60	5B32	5B32	Groundwater	7/14/09 09:50	7/17/09 00:00
MG-GMP3-02	C093001-61	5B26	5B26	Groundwater	7/16/09 10:15	7/17/09 00:00
MG-GMP3-15	C093001-62	5B39	5B39	Groundwater	7/15/09 11:00	7/17/09 00:00
MG-GMP3-16	C093001-63	5B40	5B40	Groundwater	7/15/09 10:34	7/17/09 00:00
MG-GMP3-18	C093001-64	5B42	5B42	Groundwater	7/13/09 11:15	7/17/09 00:00
MG-GMP3-44	C093001-65	5B68	5B68	Groundwater	7/15/09 13:04	7/17/09 00:00



## 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

### DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
B-1	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
CLP03	Baseline instability in calibration or preparation blanks
CLP06	PE sample recovery less than control limits.
CLP14	The analysis did not indicate the presence of the analyte. The data is rejected and the reported value is the Reporting Limit. Resampling and reanalysis are necessary to confirm or deny the presence of the analyte.
J	The identification of the analyte is acceptable; the reported value is an estimate.
Q-2	Result greater than MDL but less than MRL.
QL-1	Laboratory Control Spike Recovery less than method control limits
QM-1	Matrix Spike Recovery less than method control limits
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

### 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.





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B24 A4

Sample ID: MG-GMP3MB-01

Lab ID: C093001-01

D No:

Station ID:

Matrix: CLP Metals Blank

Date Collected: 7/8/09 16:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3PB-01**

**Lab ID: C093001-02**

**MD No: 5B77 A4**

**D No:**

**Station ID:**

**Matrix: Preservative Blank**

**Date Collected: 7/16/09 13:26**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B78 A4

Sample ID: MG-GMP3PB-02

Lab ID: C093001-03

D No:

Station ID:

Matrix: Preservative Blank

Date Collected: 7/16/09 13:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-01

Lab ID: C093001-04

MD No: 5B79 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B79 TEST

Date Collected: 7/13/09 7:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-01

Lab ID: C093001-04

MD No: 5B79 A4

D No: 5B79 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 7:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

MD No: 5B80 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B80 TEST

Date Collected: 7/13/09 8:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

MD No: 5B80 A4

D No: 5B80 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-03

Lab ID: C093001-06

MD No: 5B81 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B81 TEST

Date Collected: 7/13/09 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-03

Lab ID: C093001-06

MD No: 5B81 A4

D No: 5B81 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3R-04

Lab ID: C093001-07

MD No: 5B82 A4

Station ID:

Matrix: Equipment Rinse Blank

D No: 5B82 TEST

Date Collected: 7/13/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5000	U	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-04**

**Lab ID: C093001-07**

**MD No: 5B82 A4**

**D No: 5B82 TEST**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**Date Collected: 7/13/09 8:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-05

Lab ID: C093001-12

MD No: 5B29 A4

Station ID: BBER01

Matrix: Groundwater

D No: 5B29 TEST

Date Collected: 7/15/09 9:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	5800		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	1900	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	4600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-05

Lab ID: C093001-12

MD No: 5B29 A4

D No: 5B29 TEST

Station ID: BBER01

Matrix: Groundwater

Date Collected: 7/15/09 9:48

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-44**

**Lab ID: C093001-13**

**MD No: 5B91 A4**

**Station ID: MGPW004**

**Matrix: Groundwater**

**D No: 5B91 TEST**

**Date Collected: 7/16/09 14:52**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	5000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	51		ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	270		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	1400	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	13	J, Q-2	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	1700	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	4300	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	90		ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-44**

**Lab ID: C093001-13**

**MD No: 5B91 A4**

**D No: 5B91 TEST**

**Station ID: MGPW004**

**Matrix: Groundwater**

**Date Collected: 7/16/09 14:52**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B69 A4

Sample ID: MG-GMP3-45

Lab ID: C093001-14

D No: 5B69 TEST

Station ID: MGPW005

Matrix: Groundwater

Date Collected: 7/15/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	10000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	53		ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	160		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6400		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-45**

**Lab ID: C093001-14**

**MD No: 5B69 A4**

**D No: 5B69 TEST**

**Station ID: MGPW005**

**Matrix: Groundwater**

**Date Collected: 7/15/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B70 A4

Sample ID: MG-GMP3-46

Lab ID: C093001-15

D No: 5B70 TEST

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:13

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	20000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2400	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2200	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	7700		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-46**

**Lab ID: C093001-15**

**MD No: 5B70 A4**

**Station ID: MGPW006**

**Matrix: Groundwater**

**D No: 5B70 TEST**

**Date Collected: 7/16/09 9:13**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-52

Lab ID: C093001-16

MD No: 5B76 A4

Station ID: MGPW006

Matrix: Groundwater

D No: 5B76 TEST

Date Collected: 7/16/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	20000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2300	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2100	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	7500		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-52**

**Lab ID: C093001-16**

**MD No: 5B76 A4**

**D No: 5B76 TEST**

**Station ID: MGPW006**

**Matrix: Groundwater**

**Date Collected: 7/16/09 9:18**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-10

Lab ID: C093001-17

MD No: 5B34 A4

Station ID: MGPW007

Matrix: Groundwater

D No: 5B34 TEST

Date Collected: 7/13/09 13:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	33000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	4200		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	3400	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	120		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	1700	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5200		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-10**

**Lab ID: C093001-17**

**MD No: 5B34 A4**

**Station ID: MGPW007**

**Matrix: Groundwater**

**D No: 5B34 TEST**

**Date Collected: 7/13/09 13:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-17

Lab ID: C093001-18

MD No: 5B41 A4

Station ID: MGPW008

Matrix: Groundwater

D No: 5B41 TEST

Date Collected: 7/14/09 13:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	8700		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	7600		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3300	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	29		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-17

Lab ID: C093001-18

MD No: 5B41 A4

D No: 5B41 TEST

Station ID: MGPW008

Matrix: Groundwater

Date Collected: 7/14/09 13:58

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP14, CLP06	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-25**

**Lab ID: C093001-19**

**MD No: 5B49 A4**

**Station ID: MGPW010**

**Matrix: Groundwater**

**D No: 5B49 TEST**

**Date Collected: 7/15/09 8:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	26000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	190		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	110		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	4800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	7100		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-25

Lab ID: C093001-19

MD No: 5B49 A4

Station ID: MGPW010

Matrix: Groundwater

D No: 5B49 TEST

Date Collected: 7/15/09 8:43

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-32

Lab ID: C093001-20

MD No: 5B56 A4

Station ID: MGPW011

Matrix: Groundwater

D No: 5B56 TEST

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	42000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	960		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	130		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	3800	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	6100		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B56 A4**

**Sample ID: MG-GMP3-32**

**Lab ID: C093001-20**

**D No: 5B56 TEST**

**Station ID: MGPW011**

**Matrix: Groundwater**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Total Metals**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-14**

**Lab ID: C093001-21**

**MD No: 5B38 A4**

**Station ID: MGPW013**

**Matrix: Groundwater**

**D No: 5B38 TEST**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	14000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	690		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2400	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	100		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-14

Lab ID: C093001-21

MD No: 5B38 A4

D No: 5B38 TEST

Station ID: MGPW013

Matrix: Groundwater

Date Collected: 7/14/09 13:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-37**

**Lab ID: C093001-22**

**MD No: 5B61 A4**

**Station ID: MGPW014**

**Matrix: Groundwater**

**D No: 5B61 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	16000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	20	J, Q-2	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	74	U, J, Q-2, B-1	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	7500		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	2600	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5300		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	62		ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-37

Lab ID: C093001-22

MD No: 5B61 A4

D No: 5B61 TEST

Station ID: MGPW014

Matrix: Groundwater

Date Collected: 7/13/09 13:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-30**

**Lab ID: C093001-23**

**MD No: 5B54 A4**

**Station ID: MGPW015**

**Matrix: Groundwater**

**D No: 5B54 TEST**

**Date Collected: 7/14/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	52	J, Q-2	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	50000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	3.9	J, Q-2	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	250		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	41		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	4000	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-30**

**Lab ID: C093001-23**

**MD No: 5B54 A4**

**D No: 5B54 TEST**

**Station ID: MGPW015**

**Matrix: Groundwater**

**Date Collected: 7/14/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B33 A4

Sample ID: MG-GMP3-09

Lab ID: C093001-24

D No: 5B33 TEST

Station ID: MGPW016

Matrix: Groundwater

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	350	U, B-1	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	33000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	10	J, Q-2	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	680		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	5.6	J, Q-2	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	3200	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	55		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	3000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	6300		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	58	J, Q-2	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B33 A4

Sample ID: MG-GMP3-09

Lab ID: C093001-24

D No: 5B33 TEST

Station ID: MGPW016

Matrix: Groundwater

Date Collected: 7/13/09 11:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Total Metals**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-34**

**Lab ID: C093001-26**

**MD No: 5B58 A4**

**Station ID: MGPW017**

**Matrix: Groundwater**

**D No: 5B58 TEST**

**Date Collected: 7/14/09 10:45**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	3500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	1800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	3500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-34

Lab ID: C093001-26

MD No: 5B58 A4

D No: 5B58 TEST

Station ID: MGPW017

Matrix: Groundwater

Date Collected: 7/14/09 10:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-03

Lab ID: C093001-27

MD No: 5B27 A4

Station ID: MGPW021

Matrix: Groundwater

D No: 5B27 TEST

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	21000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	630		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2600	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	74		ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	3300	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	6600		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	42	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-03**

**Lab ID: C093001-27**

**MD No: 5B27 A4**

**D No: 5B27 TEST**

**Station ID: MGPW021**

**Matrix: Groundwater**

**Date Collected: 7/16/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-53

Lab ID: C093001-28

MD No: 5B88 A4

Station ID: MGPW021

Matrix: Groundwater

D No: 5B88 TEST

Date Collected: 7/16/09 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	21000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	660		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2700	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	80		ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	3500	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	7000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	38	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B88 A4

Sample ID: MG-GMP3-53

Lab ID: C093001-28

D No: 5B88 TEST

Station ID: MGPW021

Matrix: Groundwater

Date Collected: 7/16/09 9:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-24

Lab ID: C093001-29

MD No: 5B48 A4

Station ID: MGPW022

Matrix: Groundwater

D No: 5B48 TEST

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	2600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	370		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	11	J, Q-2	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	3000	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B48 A4**

**Sample ID: MG-GMP3-24**

**Lab ID: C093001-29**

**D No: 5B48 TEST**

**Station ID: MGPW022**

**Matrix: Groundwater**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-22

Lab ID: C093001-30

MD No: 5B46 A4

Station ID: MGPW023

Matrix: Groundwater

D No: 5B46 TEST

Date Collected: 7/14/09 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	4600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-22

Lab ID: C093001-30

MD No: 5B46 A4

D No: 5B46 TEST

Station ID: MGPW023

Matrix: Groundwater

Date Collected: 7/14/09 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-07

Lab ID: C093001-31

MD No: 5B31 A4

Station ID: MGPW036

Matrix: Groundwater

D No: 5B31 TEST

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	14000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	3200	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2800	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	6600		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B31 A4

Sample ID: MG-GMP3-07

Lab ID: C093001-31

D No: 5B31 TEST

Station ID: MGPW036

Matrix: Groundwater

Date Collected: 7/16/09 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Total Metals**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-06**

**Lab ID: C093001-32**

**MD No: 5B30 A4**

**Station ID: MGPW038**

**Matrix: Groundwater**

**D No: 5B30 TEST**

**Date Collected: 7/15/09 10:33**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	27000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	16	J, Q-2	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2900	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-06

Lab ID: C093001-32

MD No: 5B30 A4

Station ID: MGPW038

Matrix: Groundwater

D No: 5B30 TEST

Date Collected: 7/15/09 10:33

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-11

Lab ID: C093001-33

MD No: 5B35 A4

Station ID: MGPW039

Matrix: Groundwater

D No: 5B35 TEST

Date Collected: 7/16/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	4300	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	1500	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	1500	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	4100	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-11**

**Lab ID: C093001-33**

**MD No: 5B35 A4**

**Station ID: MGPW039**

**Matrix: Groundwater**

**D No: 5B35 TEST**

**Date Collected: 7/16/09 10:25**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-13

Lab ID: C093001-34

MD No: 5B37 A4

Station ID: MGPW045

Matrix: Groundwater

D No: 5B37 TEST

Date Collected: 7/14/09 10:31

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	1900	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	64		ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	4.5	J, Q-2	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	5000	U	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	2000	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-13**

**Lab ID: C093001-34**

**MD No: 5B37 A4**

**Station ID: MGPW045**

**Matrix: Groundwater**

**D No: 5B37 TEST**

**Date Collected: 7/14/09 10:31**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-38**

**Lab ID: C093001-35**

**MD No: 5B62 A4**

**Station ID: MGPW046**

**Matrix: Groundwater**

**D No: 5B62 TEST**

**Date Collected: 7/13/09 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	15000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	4200		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5400		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	49		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	4000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	5800		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-38

Lab ID: C093001-35

MD No: 5B62 A4

D No: 5B62 TEST

Station ID: MGPW046

Matrix: Groundwater

Date Collected: 7/13/09 14:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-43

Lab ID: C093001-37

MD No: 5B67 A4

Station ID: MGPW048

Matrix: Groundwater

D No: 5B67 TEST

Date Collected: 7/16/09 10:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	11000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	1800	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2100	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5200		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	37	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-43

Lab ID: C093001-37

MD No: 5B67 A4

D No: 5B67 TEST

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:51

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-55

Lab ID: C093001-38

MD No: 5B90 A4

Station ID: MGPW048

Matrix: Groundwater

D No: 5B90 TEST

Date Collected: 7/16/09 10:56

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	11000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2000	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2200	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5600		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	39	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-55

Lab ID: C093001-38

MD No: 5B90 A4

D No: 5B90 TEST

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:56

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-36

Lab ID: C093001-39

MD No: 5B60 A4

Station ID: MGPW049

Matrix: Groundwater

D No: 5B60 TEST

Date Collected: 7/13/09 13:03

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	64		ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	10000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	1400		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	5100		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	9.5	J, Q-2	ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	2000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	4200	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B60 A4**

**Sample ID: MG-GMP3-36**

**Lab ID: C093001-39**

**D No: 5B60 TEST**

**Station ID: MGPW049**

**Matrix: Groundwater**

**Date Collected: 7/13/09 13:03**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-39**

**Lab ID: C093001-40**

**MD No: 5B63 A4**

**Station ID: MGPW053**

**Matrix: Groundwater**

**D No: 5B63 TEST**

**Date Collected: 7/15/09 9:46**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	48000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	560		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	160		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3400	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	7800		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-39**

**Lab ID: C093001-40**

**MD No: 5B63 A4**

**Station ID: MGPW053**

**Matrix: Groundwater**

**D No: 5B63 TEST**

**Date Collected: 7/15/09 9:46**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-12**

**Lab ID: C093001-41**

**MD No: 5B36 A4**

**Station ID: MGPW055**

**Matrix: Groundwater**

**D No: 5B36 TEST**

**Date Collected: 7/14/09 9:51**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	3900	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	30		ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	1400	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1400	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	3100	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	42	J, Q-2	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-12

Lab ID: C093001-41

MD No: 5B36 A4

D No: 5B36 TEST

Station ID: MGPW055

Matrix: Groundwater

Date Collected: 7/14/09 9:51

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B71 A4

Sample ID: MG-GMP3-47

Lab ID: C093001-42

D No: 5B71 TEST

Station ID: MGPW057

Matrix: Groundwater

Date Collected: 7/16/09 10:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	16000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	630		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2000	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	72		ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	3400	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	6200		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-47

Lab ID: C093001-42

MD No: 5B71 A4

Station ID: MGPW057

Matrix: Groundwater

D No: 5B71 TEST

Date Collected: 7/16/09 10:14

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B65 A4

Sample ID: MG-GMP3-41

Lab ID: C093001-43

D No: 5B65 TEST

Station ID: MGPW058

Matrix: Groundwater

Date Collected: 7/15/09 8:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	14000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	120		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2100	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	26		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-41

Lab ID: C093001-43

MD No: 5B65 A4

D No: 5B65 TEST

Station ID: MGPW058

Matrix: Groundwater

Date Collected: 7/15/09 8:38

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-40

Lab ID: C093001-44

MD No: 5B64 A4

Station ID: MGPW060

Matrix: Groundwater

D No: 5B64 TEST

Date Collected: 7/15/09 9:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	59000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	4200	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	97		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	5700		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	5.0	U, J, Q-2, CLP03	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	11000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-40

Lab ID: C093001-44

MD No: 5B64 A4

D No: 5B64 TEST

Station ID: MGPW060

Matrix: Groundwater

Date Collected: 7/15/09 9:14

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-33

Lab ID: C093001-45

MD No: 5B57 A4

Station ID: MGPW063

Matrix: Groundwater

D No: 5B57 TEST

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	25000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	800		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	3000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	100		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	3800	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	7500		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B57 A4**

**Sample ID: MG-GMP3-33**

**Lab ID: C093001-45**

**D No: 5B57 TEST**

**Station ID: MGPW063**

**Matrix: Groundwater**

**Date Collected: 7/13/09 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-29**

**Lab ID: C093001-46**

**MD No: 5B53 A4**

**Station ID: MGPW064**

**Matrix: Groundwater**

**D No: 5B53 TEST**

**Date Collected: 7/15/09 8:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	46000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	71	J, Q-2	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3300	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	110		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	8700		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-29

Lab ID: C093001-46

MD No: 5B53 A4

D No: 5B53 TEST

Station ID: MGPW064

Matrix: Groundwater

Date Collected: 7/15/09 8:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B52 A4**

**Sample ID: MG-GMP3-28**

**Lab ID: C093001-47**

**D No: 5B52 TEST**

**Station ID: MGPW071**

**Matrix: Groundwater**

**Date Collected: 7/14/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	12000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	77	J, Q-2	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-28

Lab ID: C093001-47

MD No: 5B52 A4

D No: 5B52 TEST

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-50

Lab ID: C093001-48

MD No: 5B74 A4

Station ID: MGPW071

Matrix: Groundwater

D No: 5B74 TEST

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	12000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	11	J, Q-2	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	110		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6400		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-50**

**Lab ID: C093001-48**

**MD No: 5B74 A4**

**Station ID: MGPW071**

**Matrix: Groundwater**

**D No: 5B74 TEST**

**Date Collected: 7/14/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-27

Lab ID: C093001-49

MD No: 5B51 A4

Station ID: MGPW072

Matrix: Groundwater

D No: 5B51 TEST

Date Collected: 7/15/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	140	J, Q-2	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	17000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3100	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	12	J, Q-2	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6400		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B51 A4

Sample ID: MG-GMP3-27

Lab ID: C093001-49

D No: 5B51 TEST

Station ID: MGPW072

Matrix: Groundwater

Date Collected: 7/15/09 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-26

Lab ID: C093001-50

MD No: 5B50 A4

Station ID: MGPW073

Matrix: Groundwater

D No: 5B50 TEST

Date Collected: 7/15/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	16000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	72		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3300	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	4900	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-26**

**Lab ID: C093001-50**

**MD No: 5B50 A4**

**D No: 5B50 TEST**

**Station ID: MGPW073**

**Matrix: Groundwater**

**Date Collected: 7/15/09 9:55**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-20

Lab ID: C093001-51

MD No: 5B44 A4

Station ID: MGPW074

Matrix: Groundwater

D No: 5B44 TEST

Date Collected: 7/13/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	20000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	57	U, J, Q-2, B-1	ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	1900	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	15		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	2500	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	7300		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-20

Lab ID: C093001-51

MD No: 5B44 A4

D No: 5B44 TEST

Station ID: MGPW074

Matrix: Groundwater

Date Collected: 7/13/09 9:12

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP14, CLP06	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-35**

**Lab ID: C093001-52**

**MD No: 5B59 A4**

**Station ID: MGPW081**

**Matrix: Groundwater**

**D No: 5B59 TEST**

**Date Collected: 7/16/09 13:10**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	5800		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	1300		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2600	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	8.8	J, Q-2	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2900	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5600		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	38	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B59 A4

Sample ID: MG-GMP3-35

Lab ID: C093001-52

D No: 5B59 TEST

Station ID: MGPW081

Matrix: Groundwater

Date Collected: 7/16/09 13:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-54

Lab ID: C093001-53

MD No: 5B89 A4

Station ID: MGPW081

Matrix: Groundwater

D No: 5B89 TEST

Date Collected: 7/16/09 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	6000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	1300		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2600	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	9.4	J, Q-2	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	3000	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5800		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	38	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B89 A4**

**Sample ID: MG-GMP3-54**

**Lab ID: C093001-53**

**D No: 5B89 TEST**

**Station ID: MGPW081**

**Matrix: Groundwater**

**Date Collected: 7/16/09 13:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-04**

**Lab ID: C093001-54**

**MD No: 5B28 A4**

**Station ID: MGPW082**

**Matrix: Groundwater**

**D No: 5B28 TEST**

**Date Collected: 7/15/09 10:45**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	18000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	840		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	170		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	3500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6100		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-04

Lab ID: C093001-54

MD No: 5B28 A4

Station ID: MGPW082

Matrix: Groundwater

D No: 5B28 TEST

Date Collected: 7/15/09 10:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B47 A4

Sample ID: MG-GMP3-23

Lab ID: C093001-55

D No: 5B47 TEST

Station ID: MGPW083

Matrix: Groundwater

Date Collected: 7/16/09 12:54

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	17000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	370		ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	5000	U	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	120		ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2400	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	10000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	30	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-23

Lab ID: C093001-55

MD No: 5B47 A4

D No: 5B47 TEST

Station ID: MGPW083

Matrix: Groundwater

Date Collected: 7/16/09 12:54

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP14, CLP06	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-31

Lab ID: C093001-56

MD No: 5B55 A4

Station ID: MGPW084

Matrix: Groundwater

D No: 5B55 TEST

Date Collected: 7/14/09 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	38000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	81		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	4500	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	6900		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	47	J, Q-2	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-31**

**Lab ID: C093001-56**

**MD No: 5B55 A4**

**D No: 5B55 TEST**

**Station ID: MGPW084**

**Matrix: Groundwater**

**Date Collected: 7/14/09 10:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-01**

**Lab ID: C093001-57**

**MD No: 5B25 A4**

**Station ID: MGPW085**

**Matrix: Groundwater**

**D No: 5B25 TEST**

**Date Collected: 7/16/09 11:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	280		ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	22	J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	11000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	5.4	J, Q-2	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	120		ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	90	J, Q-2	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2200	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	11	J, Q-2	ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	2900	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	5300		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	29	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-01

Lab ID: C093001-57

MD No: 5B25 A4

Station ID: MGPW085

Matrix: Groundwater

D No: 5B25 TEST

Date Collected: 7/16/09 11:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-19

Lab ID: C093001-58

MD No: 5B43 A4

Station ID: MGPW086

Matrix: Groundwater

D No: 5B43 TEST

Date Collected: 7/13/09 9:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	15000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	490		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	2200	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	77		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	2800	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	7600		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-19

Lab ID: C093001-58

MD No: 5B43 A4

D No: 5B43 TEST

Station ID: MGPW086

Matrix: Groundwater

Date Collected: 7/13/09 9:58

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-08**

**Lab ID: C093001-60**

**MD No: 5B32 A4**

**Station ID: MGPW087**

**Matrix: Groundwater**

**D No: 5B32 TEST**

**Date Collected: 7/14/09 9:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	32000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	3200		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	3200	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	110		ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QL-1	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	5200		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-08

Lab ID: C093001-60

MD No: 5B32 A4

Station ID: MGPW087

Matrix: Groundwater

D No: 5B32 TEST

Date Collected: 7/14/09 9:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/18/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-02

Lab ID: C093001-61

MD No: 5B26 A4

Station ID: MGPW088

Matrix: Groundwater

D No: 5B26 TEST

Date Collected: 7/16/09 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U, J, QM-1	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/20/09	7/21/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/20/09	7/21/09	CLP ILM05.4 P
7440-70-2	Calcium	21000		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-50-8	Copper	12	J, Q-2	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7439-89-6	Iron	45	J, Q-2	ug/L	100	7/20/09	7/21/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7439-95-4	Magnesium	2700	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7439-96-5	Manganese	83		ug/L	15	7/20/09	7/21/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/20/09	7/21/09	CLP ILM05.4 P
7440-09-7	Potassium	4600	J, Q-2	ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/20/09	7/21/09	CLP ILM05.4 P
7440-22-4	Silver	10	U, J, QM-1	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 P
7440-23-5	Sodium	6500		ug/L	5000	7/20/09	7/21/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/20/09	7/21/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/20/09	7/21/09	CLP ILM05.4 P
7440-66-6	Zinc	26	J, Q-2	ug/L	60	7/20/09	7/21/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-02**

**Lab ID: C093001-61**

**MD No: 5B26 A4**

**D No: 5B26 TEST**

**Station ID: MGPW088**

**Matrix: Groundwater**

**Date Collected: 7/16/09 10:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/20/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B39 A4

Sample ID: MG-GMP3-15

Lab ID: C093001-62

D No: 5B39 TEST

Station ID: MGPW089

Matrix: Groundwater

Date Collected: 7/15/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	25000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	7500		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-15

Lab ID: C093001-62

MD No: 5B39 A4

Station ID: MGPW089

Matrix: Groundwater

D No: 5B39 TEST

Date Collected: 7/15/09 11:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-16

Lab ID: C093001-63

MD No: 5B40 A4

Station ID: MGPW090

Matrix: Groundwater

D No: 5B40 TEST

Date Collected: 7/15/09 10:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	25000		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	100	U	ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	2800	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	15	U	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	2700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	7600		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-16**

**Lab ID: C093001-63**

**MD No: 5B40 A4**

**D No: 5B40 TEST**

**Station ID: MGPW090**

**Matrix: Groundwater**

**Date Collected: 7/15/09 10:34**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B42 A4

Sample ID: MG-GMP3-18

Lab ID: C093001-64

D No: 5B42 TEST

Station ID: MGPW091

Matrix: Groundwater

Date Collected: 7/13/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/16/09	7/16/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/16/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/16/09	CLP ILM05.4 P
7440-70-2	Calcium	19000		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-50-8	Copper	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7439-89-6	Iron	200		ug/L	100	7/16/09	7/16/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7439-95-4	Magnesium	2000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7439-96-5	Manganese	120		ug/L	15	7/16/09	7/16/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/16/09	CLP ILM05.4 P
7440-09-7	Potassium	3000	J, Q-2	ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/16/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 P
7440-23-5	Sodium	7600		ug/L	5000	7/16/09	7/16/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/16/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/16/09	CLP ILM05.4 P
7440-66-6	Zinc	60	U	ug/L	60	7/16/09	7/16/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-18**

**Lab ID: C093001-64**

**MD No: 5B42 A4**

**Station ID: MGPW091**

**Matrix: Groundwater**

**D No: 5B42 TEST**

**Date Collected: 7/13/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/16/09	7/16/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Total Metals

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-44

Lab ID: C093001-65

MD No: 5B68 A4

Station ID:

Matrix: Groundwater

D No: 5B68 TEST

Date Collected: 7/15/09 13:04

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.20	U	ug/L	0.20	7/21/09	7/21/09	CLP ILM05.4 CV
7429-90-5	Aluminum	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-36-0	Antimony	60	U	ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P
7440-38-2	Arsenic	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-39-3	Barium	200	U	ug/L	200	7/16/09	7/17/09	CLP ILM05.4 P
7440-41-7	Beryllium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-43-9	Cadmium	5.0	U	ug/L	5.0	7/16/09	7/17/09	CLP ILM05.4 P
7440-70-2	Calcium	5600		ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-47-3	Chromium	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-48-4	Cobalt	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-50-8	Copper	68		ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7439-89-6	Iron	230		ug/L	100	7/16/09	7/17/09	CLP ILM05.4 P
7439-92-1	Lead	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7439-95-4	Magnesium	1600	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7439-96-5	Manganese	11	J, Q-2	ug/L	15	7/16/09	7/17/09	CLP ILM05.4 P
7440-02-0	Nickel	40	U	ug/L	40	7/16/09	7/17/09	CLP ILM05.4 P
7440-09-7	Potassium	1700	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7782-49-2	Selenium	35	U	ug/L	35	7/16/09	7/17/09	CLP ILM05.4 P
7440-22-4	Silver	10	U	ug/L	10	7/16/09	7/17/09	CLP ILM05.4 P
7440-23-5	Sodium	4400	J, Q-2	ug/L	5000	7/16/09	7/17/09	CLP ILM05.4 P
7440-28-0	Thallium	25	U	ug/L	25	7/16/09	7/17/09	CLP ILM05.4 P
7440-62-2	Vanadium	50	U	ug/L	50	7/16/09	7/17/09	CLP ILM05.4 P
7440-66-6	Zinc	100		ug/L	60	7/16/09	7/17/09	CLP ILM05.4 P



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Classical/Nutrient Analyses

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-44**

**Lab ID: C093001-65**

**MD No: 5B68 A4**

**D No: 5B68 TEST**

**Station ID:**

**Matrix: Groundwater**

**Date Collected: 7/15/09 13:04**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
57-12-5	Cyanide	10	U, R, CLP06, CLP14	ug/L	10	7/19/09	7/21/09	CLP ILM05.4 AS



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**August 17, 2009**

**4SESD-MTSB**

**MEMORANDUM**

**SUBJECT:** FINAL Analytical Report  
Project: 09-0539, Mills Gap Road Groundwater Contamination  
Superfund Remedial

**FROM:** Denise Goddard  
Quality Assurance Section Chemist

**THRU:** Marilyn Maycock, Chief  
Quality Assurance Section

**TO:** Carolyn Callihan

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

---

**Semi Volatile Organics (SVOA)**

Semivolatile organic compounds

CLP BNA





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Report Narrative** for Work Order C093001, Project: 09-0539

Organic Data Review and Validation

Project No. 09-0539, Case No. 38766, Work Order No(s): C093001

Element Sample IDs.: C093001-04 - 66, -68

Sampling date(s): 07/12/09-07/16/09

Laboratory Performing Organic CLP Analyses: Test-America, South Burlington, VT

Data for Site: Mills Gap Road Groundwater Contamination, Asheville, NC

Analyses Conducted: Trace Volatiles, Semivolatile Extractables

The ESAT Work Team reviewed data for sixty-two water samples analyzed for trace volatiles and semivolatile extractables in four sample delivery groups (SDGs). The laboratory was submitted two performance evaluation samples (PESs).

The samples were collected between 07/12/09 and 07/16/09, were received by the laboratory between 07/14/09 and 07/17/09, and the data package was received on 07/31/09 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB.

The laboratory satisfied all technical and contractual analysis and extraction holding time limits except for extractable sample C093001-13 as detailed below.

All results associated with either erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier.

Pertinent data quality factors are discussed below.

Trace Volatiles

1. The laboratory scored within warning limits for all spiked analytes in the PES.
2. Low DMC recoveries were observed in samples C093001-35 and -36 and the associated compounds were "J" qualified.
3. The DMC vinyl chloride-d3 was not recovered in samples C093001-35 and -36. The results for vinyl chloride, both not detected, were "R" qualified in these samples.
4. Poor responses ( $RRF < 0.050$ ) were observed for acetone and 2-butanone in initial calibrations. All non-detected results for acetone and 2-butanone were "R" qualified and the detected results for acetone were "J" qualified in the associated samples.

Semivolatiles



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

5. The laboratory scored within warning limits for all spiked analytes in the PES. Caprolactam was scored as a PES contaminant at less than the CRQL and acenaphthene was scored as a PES contaminant greater than the CRQL. Both compounds were treated as method blank contaminants during data qualification.
6. Low DMC recoveries were observed in samples C093001-35, -36, -50, and -53. The associated compounds were "J" qualified in the above samples.
7. DMC recoveries of less than 10% were observed in samples C093001-35 and -36. These samples were re-extracted and the results confirmed the initial extraction results. The associated compounds were "R" qualified in these two samples.
8. Several DMCs were below QC limits in sample C093001-13. The sample was re-extracted outside of technical and contractual holding time. DMC recoveries were within QC limits for the re-extraction. Sample results associated with low DMC recovery were reported from the re-extracted sample and "J" qualified.

#### Inorganic Data Review

Case No. 38766, Project No. 09-0539, Work Order No. C093001

ELEMENT Sample IDs.: C093001-01 - C093001-07, C093001-12 - C093001-67

Sampling Dates: 07/13-16/09

Laboratory Performing Inorganic Analysis: A4 Scientific, Inc., The Woodlands, TX

Date Received from Lab: 07/27/09

Analyses conducted: Total Metals, mercury, and cyanide

The ESAT Work Team has reviewed the above-captioned CLP data package consisting of 63 water samples for Total Metals analysis by ICP-AES and cyanide analysis by SOW ILM05.3, according to the contract Statement of Work and EPA guidelines. This package presents acceptable contractual and technical performance with qualifications. Additional details are provided below.

Examination of blank samples revealed apparent low-level contamination with several elements. Reported detection limits were adjusted as high as five times blank levels to discount possible false positives due to contamination.

#### ICP-AES Analysis

#### PE Sample Results

Performance evaluation sample recoveries were all scored as within limits by the web-based SPS Web software.



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Therefore, no data qualifiers were applied to the ICP-AES sample results based on these criteria.

#### Other QA/QC Results

Laboratory control sample recovery for silver in SDG MD5B24 was 58%. All sample results for silver in the above SDG were considered estimated and flagged "J".

Matrix spiked sample recoveries for antimony and silver in SDG MD5B25 were 72 and 74% respectively. All sample results for antimony and silver in the above SDG were considered estimated and flagged "J".

#### Mercury Analysis

##### PE Sample Results

Performance evaluation sample for mercury was scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to the samples for mercury analysis based on these criteria.

#### Other QA/QC Results

There were no other QA/QC problems for mercury analysis. Therefore, no data qualifiers were applied to soil or water mercury sample results for these criteria.

#### Cyanide Analysis

##### PE Sample Results

Performance evaluation sample recovery for cyanide was scored as action low by the web-based SPS Web software. All non-detected sample results for cyanide were considered unusable and flagged "R".

#### Other QA/QC Results

There were no other soil or water QA/QC problems for cyanide analysis. Therefore, no data qualifiers were applied to soil or water cyanide sample results for these criteria.

cc: Nardina Turner



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**SAMPLES INCLUDED IN THIS REPORT**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected	Date Received
MG-GMP3R-01	C093001-04	5B79	5B79	Equipment Rinse Blank	7/13/09 07:30	7/17/09 00:00
MG-GMP3R-02	C093001-05	5B80	5B80	Equipment Rinse Blank	7/13/09 08:15	7/17/09 00:00
MG-GMP3R-03	C093001-06	5B81	5B81	Equipment Rinse Blank	7/13/09 08:30	7/17/09 00:00
MG-GMP3R-04	C093001-07	5B82	5B82	Equipment Rinse Blank	7/13/09 08:40	7/17/09 00:00
MG-GMP3-05	C093001-12	5B29	5B29	Groundwater	7/15/09 09:48	7/17/09 00:00
MG-GMP3-44	C093001-13	5B91	5B91	Groundwater	7/16/09 14:52	7/17/09 00:00
MG-GMP3-45	C093001-14	5B69	5B69	Groundwater	7/15/09 13:35	7/17/09 00:00
MG-GMP3-46	C093001-15	5B70	5B70	Groundwater	7/16/09 09:13	7/17/09 00:00
MG-GMP3-52	C093001-16	5B76	5B76	Groundwater	7/16/09 09:18	7/17/09 00:00
MG-GMP3-10	C093001-17	5B34	5B34	Groundwater	7/13/09 13:43	7/17/09 00:00
MG-GMP3-17	C093001-18	5B41	5B41	Groundwater	7/14/09 13:58	7/17/09 00:00
MG-GMP3-25	C093001-19	5B49	5B49	Groundwater	7/15/09 08:43	7/17/09 00:00
MG-GMP3-32	C093001-20	5B56	5B56	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-14	C093001-21	5B38	5B38	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-37	C093001-22	5B61	5B61	Groundwater	7/13/09 13:30	7/17/09 00:00
MG-GMP3-30	C093001-23	5B54	5B54	Groundwater	7/14/09 11:15	7/17/09 00:00
MG-GMP3-09	C093001-24	5B33	5B33	Groundwater	7/13/09 11:20	7/17/09 00:00
MG-GMP3-48	C093001-25	5B72	5B72	Groundwater	7/13/09 11:20	7/17/09 00:00
MG-GMP3-34	C093001-26	5B58	5B58	Groundwater	7/14/09 10:45	7/17/09 00:00
MG-GMP3-03	C093001-27	5B27	5B27	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-53	C093001-28	5B88	5B88	Groundwater	7/16/09 09:20	7/17/09 00:00
MG-GMP3-24	C093001-29	5B48	5B48	Groundwater	7/14/09 13:00	7/17/09 00:00
MG-GMP3-22	C093001-30	5B46	5B46	Groundwater	7/14/09 13:50	7/17/09 00:00
MG-GMP3-07	C093001-31	5B31	5B31	Groundwater	7/16/09 09:15	7/17/09 00:00
MG-GMP3-06	C093001-32	5B30	5B30	Groundwater	7/15/09 10:33	7/17/09 00:00
MG-GMP3-11	C093001-33	5B35	5B35	Groundwater	7/16/09 10:25	7/17/09 00:00
MG-GMP3-13	C093001-34	5B37	5B37	Groundwater	7/14/09 10:31	7/17/09 00:00
MG-GMP3-38	C093001-35	5B62	5B62	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-51	C093001-36	5B75	5B75	Groundwater	7/13/09 14:05	7/17/09 00:00
MG-GMP3-43	C093001-37	5B67	5B67	Groundwater	7/16/09 10:51	7/17/09 00:00
MG-GMP3-55	C093001-38	5B90	5B90	Groundwater	7/16/09 10:56	7/17/09 00:00
MG-GMP3-36	C093001-39	5B60	5B60	Groundwater	7/13/09 13:03	7/17/09 00:00
MG-GMP3-39	C093001-40	5B63	5B63	Groundwater	7/15/09 09:46	7/17/09 00:00
MG-GMP3-12	C093001-41	5B36	5B36	Groundwater	7/14/09 09:51	7/17/09 00:00



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

MG-GMP3-47	C093001-42	5B71	5B71	Groundwater	7/16/09 10:14	7/17/09 00:00
MG-GMP3-41	C093001-43	5B65	5B65	Groundwater	7/15/09 08:38	7/17/09 00:00
MG-GMP3-40	C093001-44	5B64	5B64	Groundwater	7/15/09 09:14	7/17/09 00:00
MG-GMP3-33	C093001-45	5B57	5B57	Groundwater	7/13/09 14:00	7/17/09 00:00
MG-GMP3-29	C093001-46	5B53	5B53	Groundwater	7/15/09 08:40	7/17/09 00:00
MG-GMP3-28	C093001-47	5B52	5B52	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-50	C093001-48	5B74	5B74	Groundwater	7/14/09 13:35	7/17/09 00:00
MG-GMP3-27	C093001-49	5B51	5B51	Groundwater	7/15/09 09:15	7/17/09 00:00
MG-GMP3-26	C093001-50	5B50	5B50	Groundwater	7/15/09 09:55	7/17/09 00:00
MG-GMP3-20	C093001-51	5B44	5B44	Groundwater	7/13/09 09:12	7/17/09 00:00
MG-GMP3-35	C093001-52	5B59	5B59	Groundwater	7/16/09 13:10	7/17/09 00:00
MG-GMP3-54	C093001-53	5B89	5B89	Groundwater	7/16/09 13:15	7/17/09 00:00
MG-GMP3-04	C093001-54	5B28	5B28	Groundwater	7/15/09 10:45	7/17/09 00:00
MG-GMP3-23	C093001-55	5B47	5B47	Groundwater	7/16/09 12:54	7/17/09 00:00
MG-GMP3-31	C093001-56	5B55	5B55	Groundwater	7/14/09 10:30	7/17/09 00:00
MG-GMP3-01	C093001-57	5B25	5B25	Groundwater	7/16/09 11:00	7/17/09 00:00
MG-GMP3-19	C093001-58	5B43	5B43	Groundwater	7/13/09 09:58	7/17/09 00:00
MG-GMP3-49	C093001-59	5B73	5B73	Groundwater	7/13/09 09:55	7/17/09 00:00
MG-GMP3-08	C093001-60	5B32	5B32	Groundwater	7/14/09 09:50	7/17/09 00:00
MG-GMP3-02	C093001-61	5B26	5B26	Groundwater	7/16/09 10:15	7/17/09 00:00
MG-GMP3-15	C093001-62	5B39	5B39	Groundwater	7/15/09 11:00	7/17/09 00:00
MG-GMP3-16	C093001-63	5B40	5B40	Groundwater	7/15/09 10:34	7/17/09 00:00
MG-GMP3-18	C093001-64	5B42	5B42	Groundwater	7/13/09 11:15	7/17/09 00:00



## 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

### DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
B-4	Level in blank impacts MRLs.
CLP01	Concentration reported is less than the lowest standard on calibration curve
CLP15	TIC Results Reported as Identified by Lab - IDs Not Verified
CLP16	Initial Calibration Response Erratic
H-6	Sample originally analyzed within holding time; some QC requirements not met. The reported result is from a second analysis performed for confirmation which occurred after the holding time expired.
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
QC-1	Analyte concentration low in continuing calibration verification standard
QS-3	Surrogate recovery is lower than established control limits.
QS-4	Surrogate recovery less than 10%
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

### 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.





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-01**

**Lab ID: C093001-04**

**MD No: 5B79 A4**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**D No: 5B79 TEST**

**Date Collected: 7/13/09 7:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B79 A4

Sample ID: MG-GMP3R-01

Lab ID: C093001-04

D No: 5B79 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 7:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-01**

**Lab ID: C093001-04**

**MD No: 5B79 A4**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**D No: 5B79 TEST**

**Date Collected: 7/13/09 7:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
1000314-84-2	Phthalic acid, nonyl 4-octyl ester	5	NJ, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B80 A4

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

D No: 5B80 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B80 A4

Sample ID: MG-GMP3R-02

Lab ID: C093001-05

D No: 5B80 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-02**

**Lab ID: C093001-05**

**MD No: 5B80 A4**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**D No: 5B80 TEST**

**Date Collected: 7/13/09 8:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B81 A4**

**Sample ID: MG-GMP3R-03**

**Lab ID: C093001-06**

**D No: 5B81 TEST**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**Date Collected: 7/13/09 8:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B81 A4

Sample ID: MG-GMP3R-03

Lab ID: C093001-06

D No: 5B81 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.3	U, B-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-03**

**Lab ID: C093001-06**

**MD No: 5B81 A4**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**D No: 5B81 TEST**

**Date Collected: 7/13/09 8:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	200	J, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B82 A4

Sample ID: MG-GMP3R-04

Lab ID: C093001-07

D No: 5B82 TEST

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 7/13/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B82 A4**

**Sample ID: MG-GMP3R-04**

**Lab ID: C093001-07**

**D No: 5B82 TEST**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**Date Collected: 7/13/09 8:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3R-04**

**Lab ID: C093001-07**

**MD No: 5B82 A4**

**Station ID:**

**Matrix: Equipment Rinse Blank**

**D No: 5B82 TEST**

**Date Collected: 7/13/09 8:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B29 A4

D No: 5B29 TEST

Sample ID: MG-GMP3-05

Lab ID: C093001-12

Station ID: BBER01

Matrix: Groundwater

Date Collected: 7/15/09 9:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.7	U, J, CLP16, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.7	U, J, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B29 A4

Sample ID: MG-GMP3-05

Lab ID: C093001-12

D No: 5B29 TEST

Station ID: BBER01

Matrix: Groundwater

Date Collected: 7/15/09 9:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-05**

**Lab ID: C093001-12**

**MD No: 5B29 A4**

**Station ID: BBER01**

**Matrix: Groundwater**

**D No: 5B29 TEST**

**Date Collected: 7/15/09 9:48**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	20	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B91 A4

Sample ID: MG-GMP3-44

Lab ID: C093001-13

D No: 5B91 TEST

Station ID: MGPW004

Matrix: Groundwater

Date Collected: 7/16/09 14:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16	ug/L	9.5	7/18/09	7/30/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U, J, H-6	ug/L	10	7/30/09	8/03/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/30/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/30/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/30/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/18/09	7/30/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
120-12-7	Anthracene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-44**

**Lab ID: C093001-13**

**MD No: 5B91 A4**

**Station ID: MGPW004**

**Matrix: Groundwater**

**D No: 5B91 TEST**

**Date Collected: 7/16/09 14:52**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
86-74-8	Carbazole	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
218-01-9	Chrysene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
86-73-7	Fluorene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/18/09	7/30/09	CLP SOM01.2 B
78-59-1	Isophorone	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-44

Lab ID: C093001-13

MD No: 5B91 A4

Station ID: MGPW004

Matrix: Groundwater

D No: 5B91 TEST

Date Collected: 7/16/09 14:52

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U, J, H-6	ug/L	10	7/30/09	8/03/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
108-95-2	Phenol	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
129-00-0	Pyrene	5.0	U, J, H-6	ug/L	5.0	7/30/09	8/03/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/30/09	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	60	J, CLP15	ug/L	60	7/18/09	7/30/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-45

Lab ID: C093001-14

MD No: 5B69 A4

Station ID: MGPW005

Matrix: Groundwater

D No: 5B69 TEST

Date Collected: 7/15/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
120-12-7	Anthracene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-45**

**Lab ID: C093001-14**

**MD No: 5B69 A4**

**Station ID: MGPW005**

**Matrix: Groundwater**

**D No: 5B69 TEST**

**Date Collected: 7/15/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
86-74-8	Carbazole	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
218-01-9	Chrysene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
86-73-7	Fluorene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.1	U, J, CLP16	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
78-59-1	Isophorone	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-45

Lab ID: C093001-14

MD No: 5B69 A4

Station ID: MGPW005

Matrix: Groundwater

D No: 5B69 TEST

Date Collected: 7/15/09 13:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
108-95-2	Phenol	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
129-00-0	Pyrene	5.1	U	ug/L	5.1	7/18/09	7/29/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-46**

**Lab ID: C093001-15**

**MD No: 5B70 A4**

**Station ID: MGPW006**

**Matrix: Groundwater**

**D No: 5B70 TEST**

**Date Collected: 7/16/09 9:13**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, CLP16	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-46

Lab ID: C093001-15

MD No: 5B70 A4

Station ID: MGPW006

Matrix: Groundwater

D No: 5B70 TEST

Date Collected: 7/16/09 9:13

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.4	U, J, CLP16	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-46**

**Lab ID: C093001-15**

**MD No: 5B70 A4**

**Station ID: MGPW006**

**Matrix: Groundwater**

**D No: 5B70 TEST**

**Date Collected: 7/16/09 9:13**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B76 A4

Sample ID: MG-GMP3-52

Lab ID: C093001-16

D No: 5B76 TEST

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, CLP16	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B76 A4

Sample ID: MG-GMP3-52

Lab ID: C093001-16

D No: 5B76 TEST

Station ID: MGPW006

Matrix: Groundwater

Date Collected: 7/16/09 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.3	U, J, CLP16	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-52

Lab ID: C093001-16

MD No: 5B76 A4

Station ID: MGPW006

Matrix: Groundwater

D No: 5B76 TEST

Date Collected: 7/16/09 9:18

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.3	U	ug/L	5.3	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B34 A4

Sample ID: MG-GMP3-10

Lab ID: C093001-17

D No: 5B34 TEST

Station ID: MGPW007

Matrix: Groundwater

Date Collected: 7/13/09 13:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-10**

**Lab ID: C093001-17**

**MD No: 5B34 A4**

**Station ID: MGPW007**

**Matrix: Groundwater**

**D No: 5B34 TEST**

**Date Collected: 7/13/09 13:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-10**

**Lab ID: C093001-17**

**MD No: 5B34 A4**

**Station ID: MGPW007**

**Matrix: Groundwater**

**D No: 5B34 TEST**

**Date Collected: 7/13/09 13:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-17**

**Lab ID: C093001-18**

**MD No: 5B41 A4**

**Station ID: MGPW008**

**Matrix: Groundwater**

**D No: 5B41 TEST**

**Date Collected: 7/14/09 13:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16, QC-1	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-17**

**Lab ID: C093001-18**

**MD No: 5B41 A4**

**Station ID: MGPW008**

**Matrix: Groundwater**

**D No: 5B41 TEST**

**Date Collected: 7/14/09 13:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-17**

**Lab ID: C093001-18**

**MD No: 5B41 A4**

**Station ID: MGPW008**

**Matrix: Groundwater**

**D No: 5B41 TEST**

**Date Collected: 7/14/09 13:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/16/09	7/19/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B49 A4

Sample ID: MG-GMP3-25

Lab ID: C093001-19

D No: 5B49 TEST

Station ID: MGPW010

Matrix: Groundwater

Date Collected: 7/15/09 8:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.7	U, J, CLP16, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.7	U, J, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B49 A4

D No: 5B49 TEST

Sample ID: MG-GMP3-25

Lab ID: C093001-19

Station ID: MGPW010

Matrix: Groundwater

Date Collected: 7/15/09 8:43

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-25**

**Lab ID: C093001-19**

**MD No: 5B49 A4**

**Station ID: MGPW010**

**Matrix: Groundwater**

**D No: 5B49 TEST**

**Date Collected: 7/15/09 8:43**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	8	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-32

Lab ID: C093001-20

MD No: 5B56 A4

Station ID: MGPW011

Matrix: Groundwater

D No: 5B56 TEST

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-32**

**Lab ID: C093001-20**

**MD No: 5B56 A4**

**Station ID: MGPW011**

**Matrix: Groundwater**

**D No: 5B56 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-32**

**Lab ID: C093001-20**

**MD No: 5B56 A4**

**Station ID: MGPW011**

**Matrix: Groundwater**

**D No: 5B56 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B38 A4

Sample ID: MG-GMP3-14

Lab ID: C093001-21

D No: 5B38 TEST

Station ID: MGPW013

Matrix: Groundwater

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B38 A4**

**Sample ID: MG-GMP3-14**

**Lab ID: C093001-21**

**D No: 5B38 TEST**

**Station ID: MGPW013**

**Matrix: Groundwater**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-14

Lab ID: C093001-21

MD No: 5B38 A4

Station ID: MGPW013

Matrix: Groundwater

D No: 5B38 TEST

Date Collected: 7/14/09 13:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/19/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B61 A4

Sample ID: MG-GMP3-37

Lab ID: C093001-22

D No: 5B61 TEST

Station ID: MGPW014

Matrix: Groundwater

Date Collected: 7/13/09 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-37**

**Lab ID: C093001-22**

**MD No: 5B61 A4**

**Station ID: MGPW014**

**Matrix: Groundwater**

**D No: 5B61 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-37**

**Lab ID: C093001-22**

**MD No: 5B61 A4**

**Station ID: MGPW014**

**Matrix: Groundwater**

**D No: 5B61 TEST**

**Date Collected: 7/13/09 13:30**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-30

Lab ID: C093001-23

MD No: 5B54 A4

Station ID: MGPW015

Matrix: Groundwater

D No: 5B54 TEST

Date Collected: 7/14/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-30**

**Lab ID: C093001-23**

**MD No: 5B54 A4**

**Station ID: MGPW015**

**Matrix: Groundwater**

**D No: 5B54 TEST**

**Date Collected: 7/14/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-30**

**Lab ID: C093001-23**

**MD No: 5B54 A4**

**Station ID: MGPW015**

**Matrix: Groundwater**

**D No: 5B54 TEST**

**Date Collected: 7/14/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	10	J, CLP15	ug/L		7/16/09	7/19/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B33 A4

Sample ID: MG-GMP3-09

Lab ID: C093001-24

D No: 5B33 TEST

Station ID: MGPW016

Matrix: Groundwater

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.9	U, J, CLP16	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-09**

**Lab ID: C093001-24**

**MD No: 5B33 A4**

**Station ID: MGPW016**

**Matrix: Groundwater**

**D No: 5B33 TEST**

**Date Collected: 7/13/09 11:20**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.0	U, J, CLP16	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B33 A4

Sample ID: MG-GMP3-09

Lab ID: C093001-24

D No: 5B33 TEST

Station ID: MGPW016

Matrix: Groundwater

Date Collected: 7/13/09 11:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.9	U	ug/L	9.9	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	5.0	U	ug/L	5.0	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-48**

**Lab ID: C093001-25**

**MD No: 5B72 A4**

**Station ID: MGPW016**

**Matrix: Groundwater**

**D No: 5B72 TEST**

**Date Collected: 7/13/09 11:20**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-48

Lab ID: C093001-25

MD No: 5B72 A4

Station ID: MGPW016

Matrix: Groundwater

D No: 5B72 TEST

Date Collected: 7/13/09 11:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B72 A4

D No: 5B72 TEST

Sample ID: MG-GMP3-48

Lab ID: C093001-25

Station ID: MGPW016

Matrix: Groundwater

Date Collected: 7/13/09 11:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B58 A4

Sample ID: MG-GMP3-34

Lab ID: C093001-26

D No: 5B58 TEST

Station ID: MGPW017

Matrix: Groundwater

Date Collected: 7/14/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U, J, QC-1	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-34

Lab ID: C093001-26

MD No: 5B58 A4

Station ID: MGPW017

Matrix: Groundwater

D No: 5B58 TEST

Date Collected: 7/14/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-34

Lab ID: C093001-26

MD No: 5B58 A4

Station ID: MGPW017

Matrix: Groundwater

D No: 5B58 TEST

Date Collected: 7/14/09 10:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B27 A4

Sample ID: MG-GMP3-03

Lab ID: C093001-27

D No: 5B27 TEST

Station ID: MGPW021

Matrix: Groundwater

Date Collected: 7/16/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-03**

**Lab ID: C093001-27**

**MD No: 5B27 A4**

**Station ID: MGPW021**

**Matrix: Groundwater**

**D No: 5B27 TEST**

**Date Collected: 7/16/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.1	U, J, CLP16	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-03

Lab ID: C093001-27

MD No: 5B27 A4

Station ID: MGPW021

Matrix: Groundwater

D No: 5B27 TEST

Date Collected: 7/16/09 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B88 A4

Sample ID: MG-GMP3-53

Lab ID: C093001-28

D No: 5B88 TEST

Station ID: MGPW021

Matrix: Groundwater

Date Collected: 7/16/09 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-53**

**Lab ID: C093001-28**

**MD No: 5B88 A4**

**Station ID: MGPW021**

**Matrix: Groundwater**

**D No: 5B88 TEST**

**Date Collected: 7/16/09 9:20**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-53**

**Lab ID: C093001-28**

**MD No: 5B88 A4**

**Station ID: MGPW021**

**Matrix: Groundwater**

**D No: 5B88 TEST**

**Date Collected: 7/16/09 9:20**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B48 A4

Sample ID: MG-GMP3-24

Lab ID: C093001-29

D No: 5B48 TEST

Station ID: MGPW022

Matrix: Groundwater

Date Collected: 7/14/09 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-24**

**Lab ID: C093001-29**

**MD No: 5B48 A4**

**Station ID: MGPW022**

**Matrix: Groundwater**

**D No: 5B48 TEST**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-24**

**Lab ID: C093001-29**

**MD No: 5B48 A4**

**Station ID: MGPW022**

**Matrix: Groundwater**

**D No: 5B48 TEST**

**Date Collected: 7/14/09 13:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	30	J, CLP15	ug/L		7/16/09	7/19/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-22**

**Lab ID: C093001-30**

**MD No: 5B46 A4**

**Station ID: MGPW023**

**Matrix: Groundwater**

**D No: 5B46 TEST**

**Date Collected: 7/14/09 13:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, QC-1, CLP16	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U, J, QC-1	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B46 A4

Sample ID: MG-GMP3-22

Lab ID: C093001-30

D No: 5B46 TEST

Station ID: MGPW023

Matrix: Groundwater

Date Collected: 7/14/09 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.5	U, J, QC-1	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.5	U, J, QC-1	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.5	U, J, QC-1, CLP16	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.5	U, J, QC-1	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-22

Lab ID: C093001-30

MD No: 5B46 A4

Station ID: MGPW023

Matrix: Groundwater

D No: 5B46 TEST

Date Collected: 7/14/09 13:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	5.5	U	ug/L	5.5	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	6	U	ug/L	6	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-07**

**Lab ID: C093001-31**

**MD No: 5B31 A4**

**Station ID: MGPW036**

**Matrix: Groundwater**

**D No: 5B31 TEST**

**Date Collected: 7/16/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-07**

**Lab ID: C093001-31**

**MD No: 5B31 A4**

**Station ID: MGPW036**

**Matrix: Groundwater**

**D No: 5B31 TEST**

**Date Collected: 7/16/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.1	U, J, CLP16	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-07**

**Lab ID: C093001-31**

**MD No: 5B31 A4**

**Station ID: MGPW036**

**Matrix: Groundwater**

**D No: 5B31 TEST**

**Date Collected: 7/16/09 9:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.1	U	ug/L	5.1	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B30 A4

Sample ID: MG-GMP3-06

Lab ID: C093001-32

D No: 5B30 TEST

Station ID: MGPW038

Matrix: Groundwater

Date Collected: 7/15/09 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16, QC-1	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U, J, QC-1	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B30 A4

Sample ID: MG-GMP3-06

Lab ID: C093001-32

D No: 5B30 TEST

Station ID: MGPW038

Matrix: Groundwater

Date Collected: 7/15/09 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-06

Lab ID: C093001-32

MD No: 5B30 A4

Station ID: MGPW038

Matrix: Groundwater

D No: 5B30 TEST

Date Collected: 7/15/09 10:33

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-11

Lab ID: C093001-33

MD No: 5B35 A4

Station ID: MGPW039

Matrix: Groundwater

D No: 5B35 TEST

Date Collected: 7/16/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B35 A4

Sample ID: MG-GMP3-11

Lab ID: C093001-33

D No: 5B35 TEST

Station ID: MGPW039

Matrix: Groundwater

Date Collected: 7/16/09 10:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-11**

**Lab ID: C093001-33**

**MD No: 5B35 A4**

**Station ID: MGPW039**

**Matrix: Groundwater**

**D No: 5B35 TEST**

**Date Collected: 7/16/09 10:25**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B37 A4**

**Sample ID: MG-GMP3-13**

**Lab ID: C093001-34**

**D No: 5B37 TEST**

**Station ID: MGPW045**

**Matrix: Groundwater**

**Date Collected: 7/14/09 10:31**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.9	U, J, CLP16, QC-1	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-13

Lab ID: C093001-34

MD No: 5B37 A4

Station ID: MGPW045

Matrix: Groundwater

D No: 5B37 TEST

Date Collected: 7/14/09 10:31

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-13**

**Lab ID: C093001-34**

**MD No: 5B37 A4**

**Station ID: MGPW045**

**Matrix: Groundwater**

**D No: 5B37 TEST**

**Date Collected: 7/14/09 10:31**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.9	U	ug/L	9.9	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	5	J, CLP15	ug/L		7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-38**

**Lab ID: C093001-35**

**MD No: 5B62 A4**

**Station ID: MGPW046**

**Matrix: Groundwater**

**D No: 5B62 TEST**

**Date Collected: 7/13/09 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, R, QS-4, CLP16	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U, R, QS-4	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U, R, QS-4	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U, R, QS-4	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U, R, QS-4	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-38

Lab ID: C093001-35

MD No: 5B62 A4

Station ID: MGPW046

Matrix: Groundwater

D No: 5B62 TEST

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-38

Lab ID: C093001-35

MD No: 5B62 A4

Station ID: MGPW046

Matrix: Groundwater

D No: 5B62 TEST

Date Collected: 7/13/09 14:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U, J, QS-3	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
83-53-4	Naphthalene, 1,4-dibromo-	20	NJ, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20	J, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B75 A4

Sample ID: MG-GMP3-51

Lab ID: C093001-36

D No: 5B75 TEST

Station ID: MGPW046

Matrix: Groundwater

Date Collected: 7/13/09 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, R, CLP16, QC-1, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U, J, QS-3	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U, R, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U, R, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U, R, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U, R, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B75 A4

Sample ID: MG-GMP3-51

Lab ID: C093001-36

D No: 5B75 TEST

Station ID: MGPW046

Matrix: Groundwater

Date Collected: 7/13/09 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, R, CLP16, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-51

Lab ID: C093001-36

MD No: 5B75 A4

Station ID: MGPW046

Matrix: Groundwater

D No: 5B75 TEST

Date Collected: 7/13/09 14:05

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U, R, QS-4	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U, R, QS-4	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U, J, QS-3	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
83-53-4	Naphthalene, 1,4-dibromo-	5	NJ, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	90	J, CLP15	ug/L		7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B67 A4

D No: 5B67 TEST

Sample ID: MG-GMP3-43

Lab ID: C093001-37

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, CLP16	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B67 A4

D No: 5B67 TEST

Sample ID: MG-GMP3-43

Lab ID: C093001-37

Station ID: MGPW048

Matrix: Groundwater

Date Collected: 7/16/09 10:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.4	U, J, CLP16	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-43

Lab ID: C093001-37

MD No: 5B67 A4

Station ID: MGPW048

Matrix: Groundwater

D No: 5B67 TEST

Date Collected: 7/16/09 10:51

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.4	U	ug/L	5.4	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-55**

**Lab ID: C093001-38**

**MD No: 5B90 A4**

**Station ID: MGPW048**

**Matrix: Groundwater**

**D No: 5B90 TEST**

**Date Collected: 7/16/09 10:56**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, CLP16	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U, J, QC-1	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
120-12-7	Anthracene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B90 A4**

**Sample ID: MG-GMP3-55**

**Lab ID: C093001-38**

**D No: 5B90 TEST**

**Station ID: MGPW048**

**Matrix: Groundwater**

**Date Collected: 7/16/09 10:56**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
86-74-8	Carbazole	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
218-01-9	Chrysene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
86-73-7	Fluorene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.3	U, J, CLP16	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
78-59-1	Isophorone	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-55**

**Lab ID: C093001-38**

**MD No: 5B90 A4**

**Station ID: MGPW048**

**Matrix: Groundwater**

**D No: 5B90 TEST**

**Date Collected: 7/16/09 10:56**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/18/09	7/30/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
108-95-2	Phenol	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
129-00-0	Pyrene	5.3	U	ug/L	5.3	7/18/09	7/30/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/30/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-36

Lab ID: C093001-39

MD No: 5B60 A4

Station ID: MGPW049

Matrix: Groundwater

D No: 5B60 TEST

Date Collected: 7/13/09 13:03

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B60 A4**

**Sample ID: MG-GMP3-36**

**Lab ID: C093001-39**

**D No: 5B60 TEST**

**Station ID: MGPW049**

**Matrix: Groundwater**

**Date Collected: 7/13/09 13:03**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-36

Lab ID: C093001-39

MD No: 5B60 A4

Station ID: MGPW049

Matrix: Groundwater

D No: 5B60 TEST

Date Collected: 7/13/09 13:03

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B63 A4

D No: 5B63 TEST

Sample ID: MG-GMP3-39

Lab ID: C093001-40

Station ID: MGPW053

Matrix: Groundwater

Date Collected: 7/15/09 9:46

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, QC-1, CLP16	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U, J, QC-1	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-39

Lab ID: C093001-40

MD No: 5B63 A4

Station ID: MGPW053

Matrix: Groundwater

D No: 5B63 TEST

Date Collected: 7/15/09 9:46

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.1	U, J, QC-1	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.1	U, J, QC-1	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.1	U, J, CLP16, QC-1	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.1	U, J, QC-1	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-39

Lab ID: C093001-40

MD No: 5B63 A4

Station ID: MGPW053

Matrix: Groundwater

D No: 5B63 TEST

Date Collected: 7/15/09 9:46

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	5.1	U	ug/L	5.1	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	10	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B36 A4

D No: 5B36 TEST

Sample ID: MG-GMP3-12

Lab ID: C093001-41

Station ID: MGPW055

Matrix: Groundwater

Date Collected: 7/14/09 9:51

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16, QC-1	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-12**

**Lab ID: C093001-41**

**MD No: 5B36 A4**

**Station ID: MGPW055**

**Matrix: Groundwater**

**D No: 5B36 TEST**

**Date Collected: 7/14/09 9:51**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-12**

**Lab ID: C093001-41**

**MD No: 5B36 A4**

**Station ID: MGPW055**

**Matrix: Groundwater**

**D No: 5B36 TEST**

**Date Collected: 7/14/09 9:51**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	30	J, CLP15	ug/L		7/16/09	7/19/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B71 A4

Sample ID: MG-GMP3-47

Lab ID: C093001-42

D No: 5B71 TEST

Station ID: MGPW057

Matrix: Groundwater

Date Collected: 7/16/09 10:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B71 A4

D No: 5B71 TEST

Sample ID: MG-GMP3-47

Lab ID: C093001-42

Station ID: MGPW057

Matrix: Groundwater

Date Collected: 7/16/09 10:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-47**

**Lab ID: C093001-42**

**MD No: 5B71 A4**

**Station ID: MGPW057**

**Matrix: Groundwater**

**D No: 5B71 TEST**

**Date Collected: 7/16/09 10:14**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-41**

**Lab ID: C093001-43**

**MD No: 5B65 A4**

**Station ID: MGPW058**

**Matrix: Groundwater**

**D No: 5B65 TEST**

**Date Collected: 7/15/09 8:38**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-41**

**Lab ID: C093001-43**

**MD No: 5B65 A4**

**Station ID: MGPW058**

**Matrix: Groundwater**

**D No: 5B65 TEST**

**Date Collected: 7/15/09 8:38**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B65 A4

D No: 5B65 TEST

Sample ID: MG-GMP3-41

Lab ID: C093001-43

Station ID: MGPW058

Matrix: Groundwater

Date Collected: 7/15/09 8:38

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/29/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/18/09	7/29/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/29/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-40**

**Lab ID: C093001-44**

**MD No: 5B64 A4**

**Station ID: MGPW060**

**Matrix: Groundwater**

**D No: 5B64 TEST**

**Date Collected: 7/15/09 9:14**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	11	U, J, CLP16	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
120-12-7	Anthracene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B64 A4

D No: 5B64 TEST

Sample ID: MG-GMP3-40

Lab ID: C093001-44

Station ID: MGPW060

Matrix: Groundwater

Date Collected: 7/15/09 9:14

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	0.82	J, CLP01	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
86-74-8	Carbazole	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
218-01-9	Chrysene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
86-73-7	Fluorene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.5	U, J, CLP16	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
78-59-1	Isophorone	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-40

Lab ID: C093001-44

MD No: 5B64 A4

Station ID: MGPW060

Matrix: Groundwater

D No: 5B64 TEST

Date Collected: 7/15/09 9:14

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	11	U	ug/L	11	7/18/09	7/29/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
108-95-2	Phenol	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
129-00-0	Pyrene	5.5	U	ug/L	5.5	7/18/09	7/29/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	6	U	ug/L	6	7/18/09	7/29/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B57 A4

Sample ID: MG-GMP3-33

Lab ID: C093001-45

D No: 5B57 TEST

Station ID: MGPW063

Matrix: Groundwater

Date Collected: 7/13/09 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-33**

**Lab ID: C093001-45**

**MD No: 5B57 A4**

**Station ID: MGPW063**

**Matrix: Groundwater**

**D No: 5B57 TEST**

**Date Collected: 7/13/09 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-33

Lab ID: C093001-45

MD No: 5B57 A4

Station ID: MGPW063

Matrix: Groundwater

D No: 5B57 TEST

Date Collected: 7/13/09 14:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-29**

**Lab ID: C093001-46**

**MD No: 5B53 A4**

**Station ID: MGPW064**

**Matrix: Groundwater**

**D No: 5B53 TEST**

**Date Collected: 7/15/09 8:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16, QC-1	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U, J, QC-1	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B53 A4

D No: 5B53 TEST

Sample ID: MG-GMP3-29

Lab ID: C093001-46

Station ID: MGPW064

Matrix: Groundwater

Date Collected: 7/15/09 8:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-29

Lab ID: C093001-46

MD No: 5B53 A4

Station ID: MGPW064

Matrix: Groundwater

D No: 5B53 TEST

Date Collected: 7/15/09 8:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	10	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B52 A4

D No: 5B52 TEST

Sample ID: MG-GMP3-28

Lab ID: C093001-47

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.7	U, J, CLP16, QC-1	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-28**

**Lab ID: C093001-47**

**MD No: 5B52 A4**

**Station ID: MGPW071**

**Matrix: Groundwater**

**D No: 5B52 TEST**

**Date Collected: 7/14/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.0	U, B-4	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-28

Lab ID: C093001-47

MD No: 5B52 A4

Station ID: MGPW071

Matrix: Groundwater

D No: 5B52 TEST

Date Collected: 7/14/09 13:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.7	U	ug/L	9.7	7/16/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	0.77	J, CLP01	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	20	J, CLP15	ug/L		7/16/09	7/19/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-50**

**Lab ID: C093001-48**

**MD No: 5B74 A4**

**Station ID: MGPW071**

**Matrix: Groundwater**

**D No: 5B74 TEST**

**Date Collected: 7/14/09 13:35**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.9	U, J, CLP16, QC-1	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.9	U, J, QC-1	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B74 A4

Sample ID: MG-GMP3-50

Lab ID: C093001-48

D No: 5B74 TEST

Station ID: MGPW071

Matrix: Groundwater

Date Collected: 7/14/09 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U, J, QC-1	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-50

Lab ID: C093001-48

MD No: 5B74 A4

Station ID: MGPW071

Matrix: Groundwater

D No: 5B74 TEST

Date Collected: 7/14/09 13:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
57-55-6	Propylene glycol	10	NJ, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	9	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B51 A4

Sample ID: MG-GMP3-27

Lab ID: C093001-49

D No: 5B51 TEST

Station ID: MGPW072

Matrix: Groundwater

Date Collected: 7/15/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.9	U, J, CLP16, QC-1	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.9	U, J, QC-1	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B51 A4

Sample ID: MG-GMP3-27

Lab ID: C093001-49

D No: 5B51 TEST

Station ID: MGPW072

Matrix: Groundwater

Date Collected: 7/15/09 9:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.0	U, J, QC-1	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.0	U, J, QC-1	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.0	U, J, CLP16, QC-1	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.0	U, J, QC-1	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-27

Lab ID: C093001-49

MD No: 5B51 A4

Station ID: MGPW072

Matrix: Groundwater

D No: 5B51 TEST

Date Collected: 7/15/09 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.9	U	ug/L	9.9	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	0.57	J, CLP01	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	5.0	U	ug/L	5.0	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	30	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-26**

**Lab ID: C093001-50**

**MD No: 5B50 A4**

**Station ID: MGPW073**

**Matrix: Groundwater**

**D No: 5B50 TEST**

**Date Collected: 7/15/09 9:55**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U, J, QC-1, QS-3	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-26

Lab ID: C093001-50

MD No: 5B50 A4

Station ID: MGPW073

Matrix: Groundwater

D No: 5B50 TEST

Date Collected: 7/15/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-26

Lab ID: C093001-50

MD No: 5B50 A4

Station ID: MGPW073

Matrix: Groundwater

D No: 5B50 TEST

Date Collected: 7/15/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B44 A4

Sample ID: MG-GMP3-20

Lab ID: C093001-51

D No: 5B44 TEST

Station ID: MGPW074

Matrix: Groundwater

Date Collected: 7/13/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, QC-1, CLP16	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B44 A4

Sample ID: MG-GMP3-20

Lab ID: C093001-51

D No: 5B44 TEST

Station ID: MGPW074

Matrix: Groundwater

Date Collected: 7/13/09 9:12

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-20

Lab ID: C093001-51

MD No: 5B44 A4

Station ID: MGPW074

Matrix: Groundwater

D No: 5B44 TEST

Date Collected: 7/13/09 9:12

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B59 A4

Sample ID: MG-GMP3-35

Lab ID: C093001-52

D No: 5B59 TEST

Station ID: MGPW081

Matrix: Groundwater

Date Collected: 7/16/09 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.4	U, J, CLP16	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B59 A4

D No: 5B59 TEST

Sample ID: MG-GMP3-35

Lab ID: C093001-52

Station ID: MGPW081

Matrix: Groundwater

Date Collected: 7/16/09 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.7	U, J, CLP16	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-35**

**Lab ID: C093001-52**

**MD No: 5B59 A4**

**Station ID: MGPW081**

**Matrix: Groundwater**

**D No: 5B59 TEST**

**Date Collected: 7/16/09 13:10**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.4	U	ug/L	9.4	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.7	U	ug/L	4.7	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-54

Lab ID: C093001-53

MD No: 5B89 A4

Station ID: MGPW081

Matrix: Groundwater

D No: 5B89 TEST

Date Collected: 7/16/09 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U, J, QS-3	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**MD No: 5B89 A4**

**Sample ID: MG-GMP3-54**

**Lab ID: C093001-53**

**D No: 5B89 TEST**

**Station ID: MGPW081**

**Matrix: Groundwater**

**Date Collected: 7/16/09 13:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-54

Lab ID: C093001-53

MD No: 5B89 A4

Station ID: MGPW081

Matrix: Groundwater

D No: 5B89 TEST

Date Collected: 7/16/09 13:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-04**

**Lab ID: C093001-54**

**MD No: 5B28 A4**

**Station ID: MGPW082**

**Matrix: Groundwater**

**D No: 5B28 TEST**

**Date Collected: 7/15/09 10:45**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B28 A4

D No: 5B28 TEST

Sample ID: MG-GMP3-04

Lab ID: C093001-54

Station ID: MGPW082

Matrix: Groundwater

Date Collected: 7/15/09 10:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-04

Lab ID: C093001-54

MD No: 5B28 A4

Station ID: MGPW082

Matrix: Groundwater

D No: 5B28 TEST

Date Collected: 7/15/09 10:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-23**

**Lab ID: C093001-55**

**MD No: 5B47 A4**

**Station ID: MGPW083**

**Matrix: Groundwater**

**D No: 5B47 TEST**

**Date Collected: 7/16/09 12:54**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-23**

**Lab ID: C093001-55**

**MD No: 5B47 A4**

**Station ID: MGPW083**

**Matrix: Groundwater**

**D No: 5B47 TEST**

**Date Collected: 7/16/09 12:54**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-23**

**Lab ID: C093001-55**

**MD No: 5B47 A4**

**Station ID: MGPW083**

**Matrix: Groundwater**

**D No: 5B47 TEST**

**Date Collected: 7/16/09 12:54**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B55 A4

D No: 5B55 TEST

Sample ID: MG-GMP3-31

Lab ID: C093001-56

Station ID: MGPW084

Matrix: Groundwater

Date Collected: 7/14/09 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.7	U, J, CLP16, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.7	U, J, QC-1	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B55 A4

Sample ID: MG-GMP3-31

Lab ID: C093001-56

D No: 5B55 TEST

Station ID: MGPW084

Matrix: Groundwater

Date Collected: 7/14/09 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U, J, QC-1	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-31

Lab ID: C093001-56

MD No: 5B55 A4

Station ID: MGPW084

Matrix: Groundwater

D No: 5B55 TEST

Date Collected: 7/14/09 10:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.7	U	ug/L	9.7	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
78-51-3	Ethanol, 2-butoxy-, phosphate (3:1)	6	NJ, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	8	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B25 A4

D No: 5B25 TEST

Sample ID: MG-GMP3-01

Lab ID: C093001-57

Station ID: MGPW085

Matrix: Groundwater

Date Collected: 7/16/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-01**

**Lab ID: C093001-57**

**MD No: 5B25 A4**

**Station ID: MGPW085**

**Matrix: Groundwater**

**D No: 5B25 TEST**

**Date Collected: 7/16/09 11:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-01**

**Lab ID: C093001-57**

**MD No: 5B25 A4**

**Station ID: MGPW085**

**Matrix: Groundwater**

**D No: 5B25 TEST**

**Date Collected: 7/16/09 11:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6500	Petroleum Product:	N, CLP15				7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B43 A4

D No: 5B43 TEST

Sample ID: MG-GMP3-19

Lab ID: C093001-58

Station ID: MGPW086

Matrix: Groundwater

Date Collected: 7/13/09 9:58

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-19**

**Lab ID: C093001-58**

**MD No: 5B43 A4**

**Station ID: MGPW086**

**Matrix: Groundwater**

**D No: 5B43 TEST**

**Date Collected: 7/13/09 9:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-19**

**Lab ID: C093001-58**

**MD No: 5B43 A4**

**Station ID: MGPW086**

**Matrix: Groundwater**

**D No: 5B43 TEST**

**Date Collected: 7/13/09 9:58**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B73 A4

D No: 5B73 TEST

Sample ID: MG-GMP3-49

Lab ID: C093001-59

Station ID: MGPW086

Matrix: Groundwater

Date Collected: 7/13/09 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-49**

**Lab ID: C093001-59**

**MD No: 5B73 A4**

**Station ID: MGPW086**

**Matrix: Groundwater**

**D No: 5B73 TEST**

**Date Collected: 7/13/09 9:55**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B73 A4

Sample ID: MG-GMP3-49

Lab ID: C093001-59

D No: 5B73 TEST

Station ID: MGPW086

Matrix: Groundwater

Date Collected: 7/13/09 9:55

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B





# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B32 A4

Sample ID: MG-GMP3-08

Lab ID: C093001-60

D No: 5B32 TEST

Station ID: MGPW087

Matrix: Groundwater

Date Collected: 7/14/09 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.5	U, J, CLP16, QC-1	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-08**

**Lab ID: C093001-60**

**MD No: 5B32 A4**

**Station ID: MGPW087**

**Matrix: Groundwater**

**D No: 5B32 TEST**

**Date Collected: 7/14/09 9:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-08**

**Lab ID: C093001-60**

**MD No: 5B32 A4**

**Station ID: MGPW087**

**Matrix: Groundwater**

**D No: 5B32 TEST**

**Date Collected: 7/14/09 9:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.5	U	ug/L	9.5	7/15/09	7/19/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/19/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/19/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-02**

**Lab ID: C093001-61**

**MD No: 5B26 A4**

**Station ID: MGPW088**

**Matrix: Groundwater**

**D No: 5B26 TEST**

**Date Collected: 7/16/09 10:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.8	U, J, CLP16	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
120-12-7	Anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
1912-24-9	Atrazine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B26 A4

Sample ID: MG-GMP3-02

Lab ID: C093001-61

D No: 5B26 TEST

Station ID: MGPW088

Matrix: Groundwater

Date Collected: 7/16/09 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-74-8	Carbazole	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
218-01-9	Chrysene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
86-73-7	Fluorene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.9	U, J, CLP16	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
78-59-1	Isophorone	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-02

Lab ID: C093001-61

MD No: 5B26 A4

Station ID: MGPW088

Matrix: Groundwater

D No: 5B26 TEST

Date Collected: 7/16/09 10:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.8	U	ug/L	9.8	7/18/09	7/23/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
108-95-2	Phenol	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
129-00-0	Pyrene	4.9	U	ug/L	4.9	7/18/09	7/23/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
104-76-7	1-Hexanol, 2-ethyl-	100	NJ, CLP15	ug/L		7/18/09	7/23/09	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			7/18/09	7/23/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B39 A4

Sample ID: MG-GMP3-15

Lab ID: C093001-62

D No: 5B39 TEST

Station ID: MGPW089

Matrix: Groundwater

Date Collected: 7/15/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16, QC-1	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U, J, QC-1	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B



# 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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B39 A4

Sample ID: MG-GMP3-15

Lab ID: C093001-62

D No: 5B39 TEST

Station ID: MGPW089

Matrix: Groundwater

Date Collected: 7/15/09 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.5	U, B-4	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-15

Lab ID: C093001-62

MD No: 5B39 A4

Station ID: MGPW089

Matrix: Groundwater

D No: 5B39 TEST

Date Collected: 7/15/09 11:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	0.71	J, CLP01	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
65-85-0	Benzenecarboxylic acid	7	NJ, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-16**

**Lab ID: C093001-63**

**MD No: 5B40 A4**

**Station ID: MGPW090**

**Matrix: Groundwater**

**D No: 5B40 TEST**

**Date Collected: 7/15/09 10:34**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
1319-77-3	(3-and/or 4-)Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	10	U, J, CLP16, QC-1	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	10	U, J, QC-1	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
83-32-9	Acenaphthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
98-86-2	Acetophenone	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
120-12-7	Anthracene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B40 A4

D No: 5B40 TEST

Sample ID: MG-GMP3-16

Lab ID: C093001-63

Station ID: MGPW090

Matrix: Groundwater

Date Collected: 7/15/09 10:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
105-60-2	Caprolactam	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
86-74-8	Carbazole	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
218-01-9	Chrysene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
206-44-0	Fluoranthene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
86-73-7	Fluorene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	5.2	U, J, CLP16, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	5.2	U, J, QC-1	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
78-59-1	Isophorone	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
91-20-3	Naphthalene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

## Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

Sample ID: MG-GMP3-16

Lab ID: C093001-63

MD No: 5B40 A4

Station ID: MGPW090

Matrix: Groundwater

D No: 5B40 TEST

Date Collected: 7/15/09 10:34

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
98-95-3	Nitrobenzene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	10	U	ug/L	10	7/16/09	7/22/09	CLP SOM01.2 B
85-01-8	Phenanthrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
108-95-2	Phenol	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
129-00-0	Pyrene	5.2	U	ug/L	5.2	7/16/09	7/22/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-6501	Unidentified Compound(s)	8	J, CLP15	ug/L		7/16/09	7/22/09	CLP SOM01.2 B





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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B42 A4

Sample ID: MG-GMP3-18

Lab ID: C093001-64

D No: 5B42 TEST

Station ID: MGPW091

Matrix: Groundwater

Date Collected: 7/13/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	9.6	U, J, CLP16, QC-1	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
95-48-7	2-Methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
88-74-4	2-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
99-09-2	3-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
106-47-8	4-Chloroaniline	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-01-6	4-Nitroaniline	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
100-02-7	4-Nitrophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
83-32-9	Acenaphthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
208-96-8	Acenaphthylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-86-2	Acetophenone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
120-12-7	Anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

Semi Volatile Organics

Project: 09-0539, Mills Gap Road Groundwater Contamination

Contract Lab Case: 38766

MD No: 5B42 A4

D No: 5B42 TEST

Sample ID: MG-GMP3-18

Lab ID: C093001-64

Station ID: MGPW091

Matrix: Groundwater

Date Collected: 7/13/09 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1912-24-9	Atrazine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
100-52-7	Benzaldehyde	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
105-60-2	Caprolactam	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-74-8	Carbazole	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
218-01-9	Chrysene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
132-64-9	Dibenzofuran	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-66-2	Diethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
206-44-0	Fluoranthene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
86-73-7	Fluorene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	4.8	U, J, CLP16	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
67-72-1	Hexachloroethane	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
78-59-1	Isophorone	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
91-20-3	Naphthalene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
98-95-3	Nitrobenzene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B



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: 08-0156

Project: 09-0539, Mills Gap Road Groundwater Contamination - Reported by Denise Goddard

**Semi Volatile Organics**

**Project: 09-0539, Mills Gap Road Groundwater Contamination**

**Contract Lab Case: 38766**

**Sample ID: MG-GMP3-18**

**Lab ID: C093001-64**

**MD No: 5B42 A4**

**Station ID: MGPW091**

**Matrix: Groundwater**

**D No: 5B42 TEST**

**Date Collected: 7/13/09 11:15**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
621-64-7	n-Nitroso di-n-Propylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
87-86-5	Pentachlorophenol	9.6	U	ug/L	9.6	7/15/09	7/17/09	CLP SOM01.2 B
85-01-8	Phenanthrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
108-95-2	Phenol	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
129-00-0	Pyrene	4.8	U	ug/L	4.8	7/15/09	7/17/09	CLP SOM01.2 B
<b>Tentatively Identified Compounds:</b>								
R4-0000	Tentatively Identified Compounds	5	U	ug/L	5	7/15/09	7/17/09	CLP SOM01.2 B