



TYPE OF SUBMITTAL	PETROLEUM REIMBURSEMENT FUND PHASE
Workscope/Budget Technical Report Reimbursement Request Monitoring Result (Pre-permit) Monitoring Result (Post-permit)	Initial Response Action Free product Removal Initial Site Characterization Supplemental Site Investigation Remedial Action Plan Remedial Design Plan Remedial Implementation/O+M Groundwater Management Permit

Site Investigation
South Woodstock Country Store
DEC #900522
Rt. 106, South Woodstock, Vermont
GPS: 43° 33' 54.37" N, 72° 31' 59.25" W

Prepared For:
Mr. Dan Noble
Nobes, Inc.
P. O. Box 5
South Woodstock, Vermont 05071
Phone: 802-457-3050

Prepared By:
Harper Environmental Associates, Inc.
1811 Hale Hollow Road, Bridgewater Corners, VT 05035
(802) 672-6112 fax (802) 672-6227
Cliff Harper, Principal

January 25, 2010



January 25, 2010

Mr. Dan Noble
Nobes, Inc.
P. O. Box 5
South Woodstock, Vermont 05071

SUBJECT: Results of the Subsurface Investigation at the South Woodstock Country Store, 10673 South Road/Route 106, South Woodstock, VT

Dear Mr. Noble,

An intrusive site investigation was completed at the South Woodstock Country Store (Store) in South Woodstock Vermont on December 4, 2009. Harper Environmental Associates, Inc. (HEA) is pleased to submit a summary of our field procedures, and the results from the groundwater-sampling event due to a release of gasoline from the dispenser piping associated with a gasoline underground storage tank (UST). This report is subject to the limitations found in the Appendices.

Executive Summary

During November 2008, Dan Noble, the owner of the South Woodstock Country Store contracted Harper Environmental Associates (HEA) to oversee the removal of one UST from the Store site. One partitioned, 2,000-gallon gasoline UST was used to fuel vehicles and snowmobiles from a dispenser located in front of the store.

On November 11, 2008, Rick Walker Excavation completed all excavation work related to the UST removal, and all environmental field activities were conducted by HEA. During the UST closure by removal, petroleum hydrocarbon contamination was discovered associated with the dispenser piping located in the parking lot in front of the Store. The tank was found to be in very good condition. It was presumed at the time of the UST removal that the leak was caused by faulty dispenser piping.

On October 20, 2006, prior to the UST removal, HEA installed 2 soil borings between the former pump island and Route 106. PID readings from the soil borings, using bag test procedure on the soil samples, showed PID readings from 1,720-2,690 ppm.

The groundwater investigation study was started on December 4, 2009. Four monitoring wells (MW) were installed in the parking lot of the Store. Groundwater from these MWs was sampled on December 23, 2009. The results showed no petroleum contamination above laboratory detection limits. A detailed discussion of the site investigation procedures and the groundwater results is listed below.

General Site Description

The South Woodstock Country Store is located on Route 106 in South Woodstock, VT (Figure 1: Site Locus Map). One commercial building exists on the site. The former UST was positioned as indicated in Figure 2: Site Map. The land surrounding the site is used as rural residential and farmland.

Underground electrical power services the main building. The property uses a private drinking water well and a municipal septic system. The drinking water well is located approximately 200 feet to the west of the former UST (Figure 2). The town septic system is located east of the site, along Route 106.

Preliminary Activities

Prior to field activities, HEA prepared a site-specific Health and Safety Plan in accordance with OSHA 29 Code of Federal Regulations 1910 and 1929. During the investigation, the plan was kept on-site and signed by all field staff.

HEA walked the site prior to field activities and located the potential sampling locations. All subsurface utilities were marked-out prior to drilling through Vermont's Dig Safe Systems, Inc. and the owner.

Geoprobe Soil Boring/Monitoring Well Installation

On December 4, 2009, HEA supervised the completion of four soil borings and four monitoring well installations at the site. The location of each soil boring/monitoring well is depicted on Figure 2, Site Map. All borings (MW-1 - MW-4) were completed on the property around the site of the former UST. Drill logs were completed for each of the borings and can be found attached to this report.

T+K Drilling of Troy, NH installed the four borings. A truck mounted Geoprobe drill rig was used for this project. The borings were located in the following four positions:

- MW-1, located approximately 15 feet from the road in the south end of the parking lot. A monitoring well was installed to a depth of 10' below grade.
- MW-2, located in the parking lot in front-center of the Store approximately 15 feet from the porch. A monitoring well was installed to a depth of 12' below grade.
- MW-3, located in the parking lot in the front-center of the Store approximately 11 feet from the road. A monitoring well was installed to a depth of 9' below grade.
- MW-4, located approximately 11 feet from the road in the north end of the parking lot. A monitoring well was installed to a depth of 9' below grade.

During boring installation, continuous soil samples were collected using a 3-foot plastic-lined sampling tube. All downhole drilling equipment was cleaned with water between holes. The soil samples were brought to the surface and visually classified. All soil samples were screened in the field for volatile organic compounds (VOC) using a Mini Rae 2000 photoionization detector (PID). Field soil samples were collected in sealed plastic bags or glass jars. The tip of the PID was inserted into the bag or jar to measure VOC content. Soil consisted primarily of fine, silty sand, or clays and silt.

The site is located on a relatively flat parcel along the west side of Route 106. The deepest boring extended to 12 feet below grade and the shallowest was installed to 9 feet below grade (fbg). Groundwater was detected between 4.5 and 8.2 fbg. MW-3 was extended next to the former tank pit location.

One-inch PVC well screen and blank were installed into the open boreholes. Sand was filled around the wells to an elevation above the top of the screen. Bentonite clay was used to seal a two-foot section of the borehole above the sand fill. Native fill was used to backfill the remainder of the well boring. A flush mounted road box was installed around each of the monitoring wells.

Site Conceptual Model

One source of soil, and potentially groundwater contamination, has been identified at the Site. This source includes the historic use of gasoline from the dispenser pump system. The piping and/or dispenser pump associated with the former UST may have contributed to the release of petroleum hydrocarbons detected in two shallow borings installed on October 20, 2006.

After a review of the subsurface evaluation data, the groundwater analytical results and the site-specific conditions, i.e. the geology and hydrogeology, it is believed that the gasoline hydrocarbons released from the dispenser piping have been adsorbed to the upper soil zone in the vicinity of the former dispenser island. No impact to groundwater was detected during the groundwater sampling event completed on December 23, 2009.

Depth to water was encountered at approximately 7 fbg under the former UST and dispenser area. During the installation of MW-3, which was installed in the vicinity of the two soil borings drilled in 2006, VOC readings up to ~5,100 PPM at 5 to 6 fbg were detected. This finding is consistent with the VOC readings in the soil borings installed in 2006.

The anticipated groundwater gradient, based on surface water observation and the surface topography, was expected to move towards the north-northeast from the site. The groundwater gradient at the site is relatively steep, at 6%, and travels from the center of the property towards the southeast.

Since the soils from approximately 5 to 6 fbg in MW-3 were wet, one would expect that groundwater would show residual levels of dissolved gasoline compounds; however, no dissolved gasoline components were detected in groundwater sampled from MW-3, nor from the three other monitoring wells. The impermeable nature of the clayey soils may have adsorbed the fugitive gasoline and over the years following the release, attenuated and prevented the gasoline compounds from moving into the groundwater system.

The potential migration pathway would include the impact to the subsurface soils or groundwater below the release site, namely the dispenser island; however, no groundwater contamination was determined from the December 2009 groundwater sampling task. Vapors from the gasoline release would vent into the atmosphere, although no vapors were detected inside the Store.

Potential Receptors

Identification of the potential receptors in proximity to the site was determined during this investigation. A relative degree of risk, from the contamination identified during this study, was assigned to each receptor. The potential receptors include groundwater, soil, surface water, indoor air, drinking water and subsurface utility corridors.

Soil

Soil screening data from the November 2008 UST removal event indicated the presence of VOC's in the soils next to the former UST. There were no PID readings in the soil below the UST. The UST excavation extended to a depth of 8 feet below grade where PID readings were 0 ppm.

Soils were screened using the PID during the installation of the soil borings on December 4, 2009. PID readings up to 5,182 ppm were detected in MW-3 at a depth of 5-6 feet below grade. Soil screenings during the installation of MWs 1, 2 and 4 had PID readings of 0 ppm throughout the borings.

High levels of petroleum-type hydrocarbon impact to soil represent a potential threat to human and environmental receptors including nearby buildings, children playing in the vicinity, and utility corridors. The routes of exposure would include direct contact during excavation, vapors emanating from uncovered soil and vapors entering utility corridors and basements.

Since soil contamination was encountered below the ground surface, exposure to humans through direct contact with soil is minimized. There is a potential risk of exposure to workers who may excavate the soil and have direct contact with the soil or breath vapors emanating from uncovered soil.

Soil Analytical Results

No soil samples were submitted to the laboratory for analysis.

Groundwater

Groundwater was observed in all of the four borings during the well installation and in the UST excavation pit during the UST closure activities. Four groundwater MWs were installed and all four were found to contain water ranging in depth from 4.5 to 8.2 feet below grade. A groundwater gradient map was produced from depth to water readings taken during the December 23, 2009 groundwater sampling event. The groundwater contour map is provided as Figure 3.

Groundwater samples were collected from the four MWs on December 23, 2009. The groundwater samples were analyzed for volatile organic compounds (VOC's) using EPA Method 8260. No level of groundwater contamination was detected in any of the groundwater samples; consequently, the risk of exposure from groundwater is removed.

Drinking Water

No municipal drinking water wells found in this area. The site is supplied by an onsite bedrock drinking water well. The location of the well is indicated on Figure 2. The

drinking water was tested for VOC's, using EPA Method 524.2, as part of the site investigation. No level of contamination was detected in the drinking water samples.

Indoor Air

Ambient air screening of the Store was conducted during this investigation. The closest building to the former UST has a basement. The basement and first floor rooms next to the former UST location were screened using a PID, and no PID readings were observed. Based on this data, vapor intrusion of VOC compounds do not represent a risk to occupants of the property.

Subsurface Utilities

Subsurface electric lines service the Store. The approximate locations of the subsurface utilities can be seen on Figure 2. Monitoring well MW-4 was placed between the subsurface utilities and the former UST location. No soil or groundwater contamination was detected in MW-1 therefore subsurface utilities do not appear to be impacted by the gasoline release.

Surface Waters

The site topographically drains towards Route 106 and Kedron Brook, the nearest stream. Kedron Brook is located hydraulically and topographically down-gradient of the former UST location, approximately 50 feet to the east. The banks of the stream and the surface waters were inspected by HEA during three separate site visits, with the first inspection occurring during the soil boring installation of 2006. No odors, sheens or PID readings were ever detected along the stream bank or from the surface waters.

General Discussion of the Soil and Groundwater Analytical Results

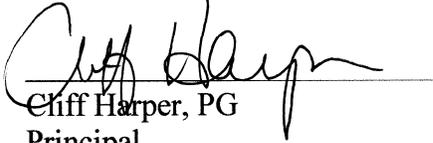
Four groundwater samples were analyzed for VOCs using EPA Method 8260 at Phoenix Environmental Laboratories, Inc. The drinking water from the onsite water well was analyzed for VOCs using EPA Method 524.2. No detectable level of contamination was detected in any of the water samples analyzed. The full analytical report is attached to this report.

Conclusions and Recommendations

- No vapors were detected inside the store during two inspections.
- The groundwater analytical data from the December 23, 2009 sampling event showed no evidence of petroleum contamination in groundwater.
- In contrast, PID readings during the installation of MW-3 were elevated at 5,182 ppm. MW-3 is hydraulically down-gradient from the location of the former UST and dispenser island.
- The soil contamination that displayed elevated PID readings is located above the water table. The source of the contamination was apparently the faulty dispenser piping, and the petroleum impact to soil has remained in the upper soil layers.
- Due to the absence of any detectable petroleum contaminants in groundwater during the December 2009 sampling event and the absence of vapor levels in the adjacent building, we recommend that the site be closed and be offered a Site Management Activity Completed (SMAC) letter.

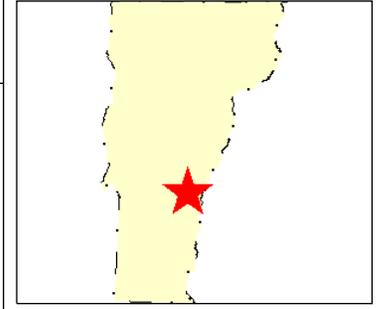
If you have any questions with the summary of field procedures and analytical results of this report, please contact us at (802) 672-6112.

Sincerely,
Harper Environmental Associates. Inc


Cliff Harper, PG
Principal

Attachments: Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Groundwater Contour Map
Appendix: Well Logs
Photos
Phoenix Environmental Laboratories, Inc. Report
Limitations

Fig. 1: Site Locus



Legend

- Airports
- Mountains and Hills
- Interstates
- US Highways
- Rail Lines
- Town Boundaries
- Roads**
- Class 1-3
- Class 4
- Rivers and Lakes
- Streams**
- Intermittent
- Perennial
- Unassigned
- VT State Boundary

VT State Plane Meters (NAD83)

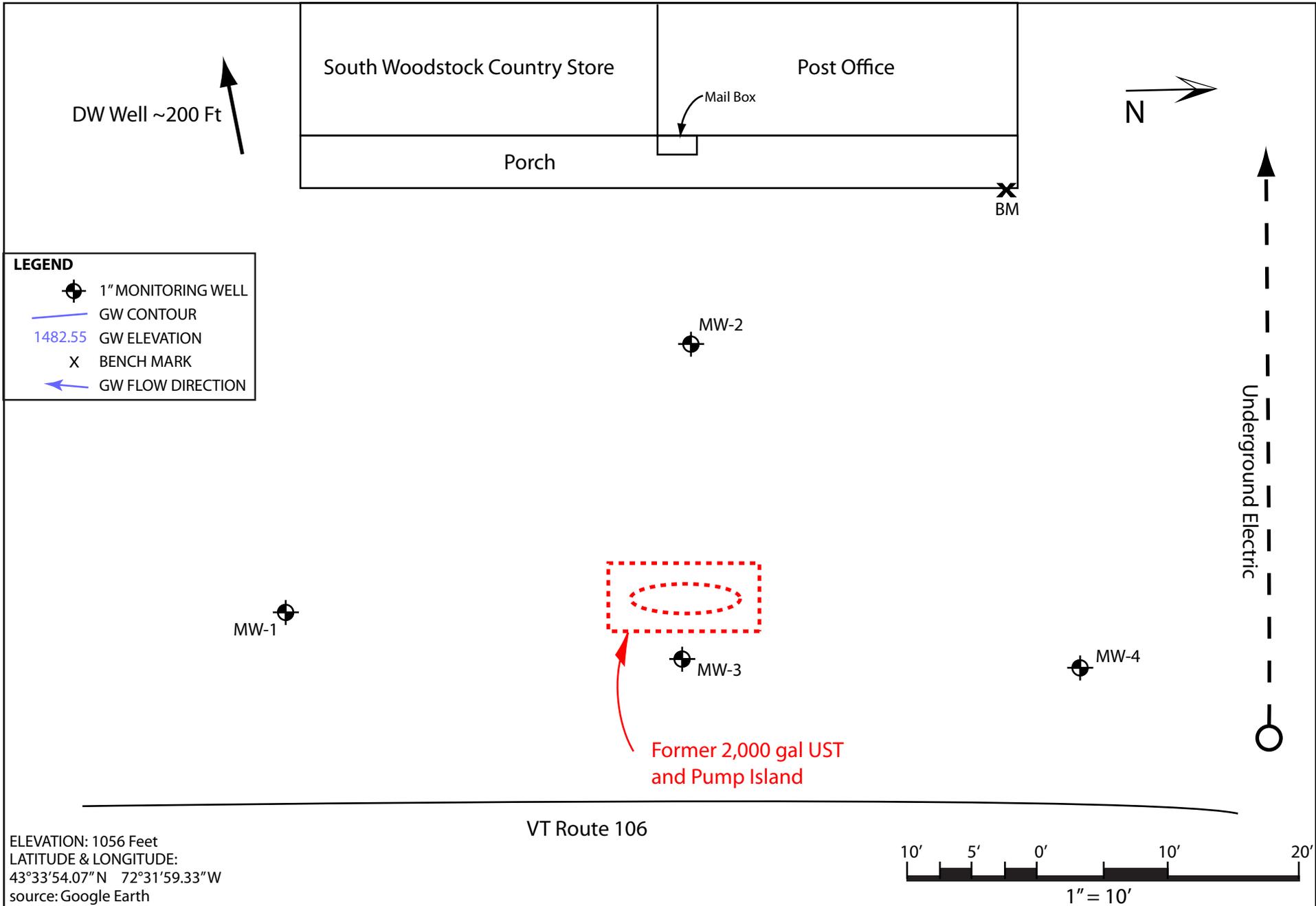
Scale: 1:24,000



Map center: 497419, 118315

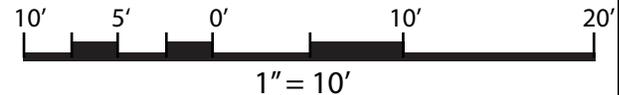
DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. VCGI and the State of Vermont make no representations of any kind, including but not limited to the warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

URL: http://maps.vermont.gov/imf/sites/VCGI_basemap/jsp/launch.jsp



ELEVATION: 1056 Feet
 LATITUDE & LONGITUDE:
 43°33'54.07" N 72°31'59.33" W
 source: Google Earth

VT Route 106

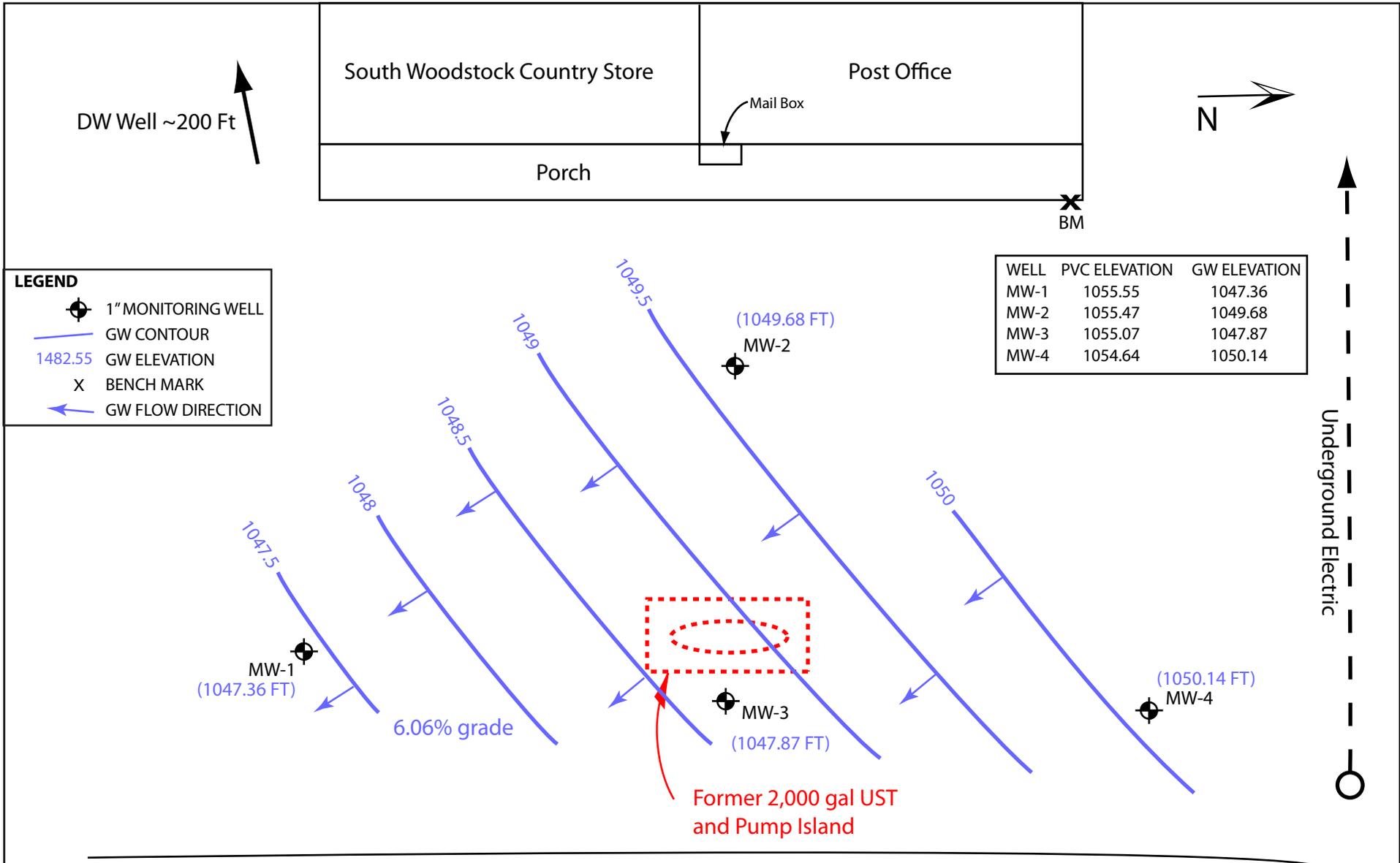


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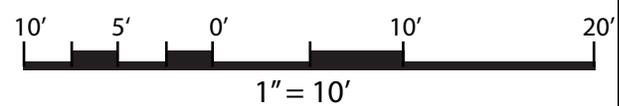
SITE MAP
10673 South Road
 South Woodstock, Vermont

SCALE: 1" = 10'
 DESIGNED BY: KH
 DRAWN BY: KH
 CHECKED BY: CH
 DATE: 12/30/3009
 PROJ. NO. 900522

FIGURE
2



ELEVATION: 1056 Feet
 LATITUDE & LONGITUDE:
 43°33'54.07"N 72°31'59.33"W
 source: Google Earth



HEA Harper Environmental Associates
 1811 Hale Hollow Road
 Bridgewater Corners, VT 05035
 (802) 672-6112 FAX: (802) 672-6227
 charper@sover.net

GROUNDWATER CONTOUR MAP
10673 South Road
 South Woodstock, Vermont

SCALE: 1" = 10'
 DESIGNED BY: KH
 DRAWN BY: KH
 CHECKED BY: CH
 DATE: 12/30/3009
 PROJ. NO. 900522

FIGURE
3

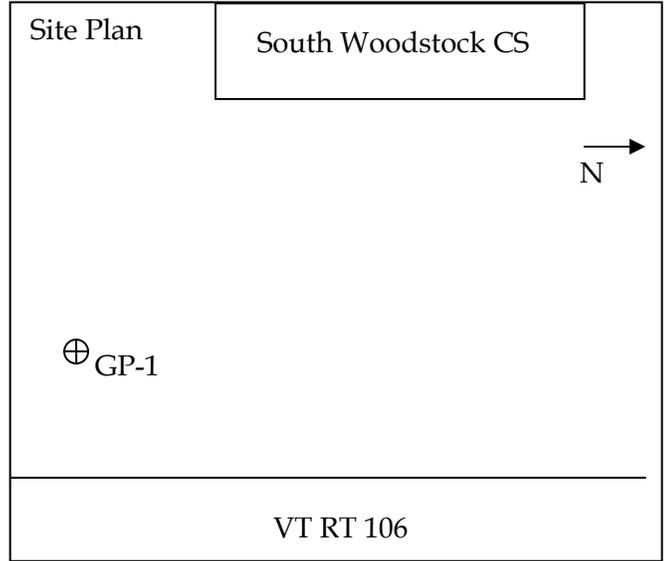
Drilling Log

Harper Environmental Associates

Well Number: GP-1

1811 Hale Hollow Road, Bridgewater Corners, VT (802) 672-6112 fax (802) 672-6227

Project: So. Woodstock Country Store
Date Drilled: December 4, 2009
Location: street: VT Rt. 106, So. Woodstock, VT
Drilling Co.: T+K Drilling
Method: Geoprobe
Drilled by: Kevin
Logged by: Cliff Harper
Diameter: 2" boring, 1" well
Total Depth of Borehole: 10' 10"
Surface Elevation:
Water Level, initial: 0.0'
24 hours: n/a
Screen/Casing Type: PVC
Screen/Casing Diameter: 1"
Screen Length: 6'
Casing Length: 4'



Depth (feet)	Well As-built Detail	Notes	Soil Screening	Description of Soil Classification (Color, Texture, Structures)
-0 - - - - -4' - - - - - - - - - - -10'10"	<p>The diagram shows a vertical cross-section of the well. At the top is a 'Road box'. Below it is a section of 'PVC' casing. This is followed by a section of 'bentonite' seal. Below the bentonite is a section labeled 'Blank'. At the bottom of the casing is a 'Screen' section. Below the screen is the 'sand' layer. The well extends to a depth of 10 feet 10 inches.</p>		All PID readings were 0.0 ppm	<p>Location: Well is located in the south end of the parking lot near Rt 106.</p> <p>Soils: 0-4": hardpack 4'-6': brown, clayey silt 6"-10'10": silt with fine sand</p> <p>Soil Sampling: were screened the length of the boring by Harper Environmental. PID readings were 0.0 ppm at all depths.</p> <p>Groundwater: wet soils at 9'</p> <p>Monitoring Well: a monitoring well was installed at this location.</p>

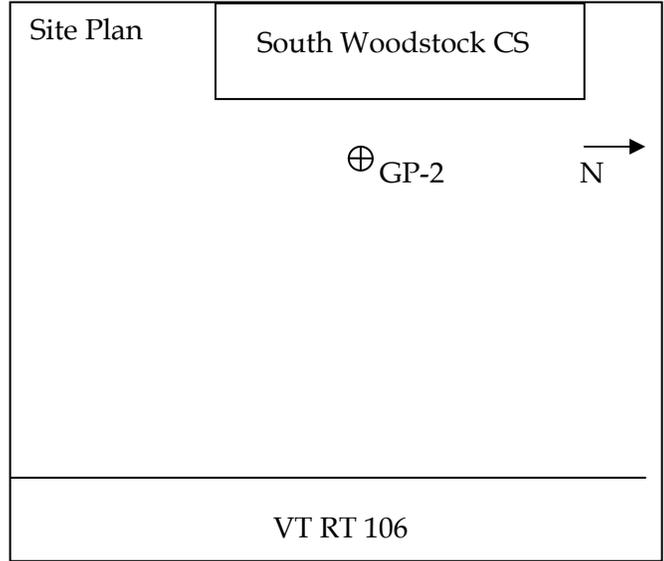
Drilling Log

Harper Environmental Associates

Well Number: GP-2

1811 Hale Hollow Road, Bridgewater Corners, VT (802) 672-6112 fax (802) 672-6227

Project: So. Woodstock Country Store
Date Drilled: December 4, 2009
Location: street: VT Rt. 106, So. Woodstock, VT
Drilling Co.: T+K Drilling
Method: Geoprobe
Drilled by: Kevin
Logged by: Cliff Harper
Diameter: 2" boring, 1" well
Total Depth of Borehole: 12'
Surface Elevation:
Water Level, initial: 0.0'
24 hours: n/a
Screen/Casing Type: PVC
Screen/Casing Diameter: 1"
Screen Length: 8'
Casing Length: 4'



Depth (feet)	Well As-built Detail	Notes	Soil Screening	Description of Soil Classification (Color, Texture, Structures)
-0 - - - - -4' - - - - - - - - - - - -12'		Road box PVC bentonite Blank Screen sand	All PID readings were 0.0 ppm	<p>Location: Well is located in the parking lot directly in front of the store</p> <p>Soils: 0-4": hardpack 4'-6': brown, clayey silt 6"-12': silt with fine sand</p> <p>Soil Sampling: were screened the length of the boring by Harper Environmental. PID readings were 0.0 ppm at all depths.</p> <p>Groundwater: wet soils at 9'</p> <p>Monitoring Well: a monitoring well was installed at this location.</p>

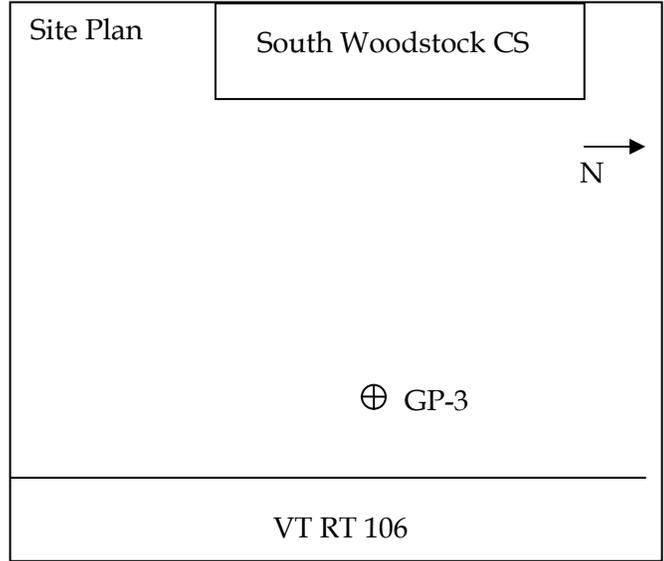
Drilling Log

Harper Environmental Associates

Well Number: **GP-3**

1811 Hale Hollow Road, Bridgewater Corners, VT (802) 672-6112 fax (802) 672-6227

Project: So. Woodstock Country Store
Date Drilled: December 4, 2009
Location: street: VT Rt. 106, So. Woodstock, VT
Drilling Co.: T+K Drilling
Method: Geoprobe
Drilled by: Kevin
Logged by: Cliff Harper
Diameter: 2" boring, 1" well
Total Depth of Borehole: 9'
Surface Elevation:
Water Level, initial: 0.0'
24 hours: n/a
Screen/Casing Type: PVC
Screen/Casing Diameter: 1"
Screen Length: 6'
Casing Length: 3'



Depth (feet)	Well As-built Detail	Notes	Soil Screening	Description of Soil Classification (Color, Texture, Structures)
-0 - - - - - -3' - - - - - - - - - - - - - - -9'	<p>The diagram shows a vertical cross-section of the well. From top to bottom, it labels: 'Road box' (at the surface), 'PVC' (the upper casing), 'bentonite' (a sealant layer), 'Blank' (the upper part of the screen), 'Screen' (the lower part of the screen), and 'sand' (the material at the bottom of the well).</p>	Road box PVC bentonite Blank Screen sand	PID readings 5182ppm @5-6'	<p>Location: Well is located in the parking lot directly in front of the store near Rt. 106.</p> <p>Soils: 0-1.5': hardpack 1.5-5': sandy silts with pebbles and clay mottles 5-6': wet clay (petroleum odor) 6-6.5': sandy wet clay with pebbles 6.5-9': wet clay</p> <p>Soil Sampling: were screened the length of the boring by Harper Environmental. PID readings were 5182 ppm at 5-6'.</p> <p>Groundwater: wet soils at 5'</p> <p>Monitoring Well: a monitoring well was installed at this location.</p>

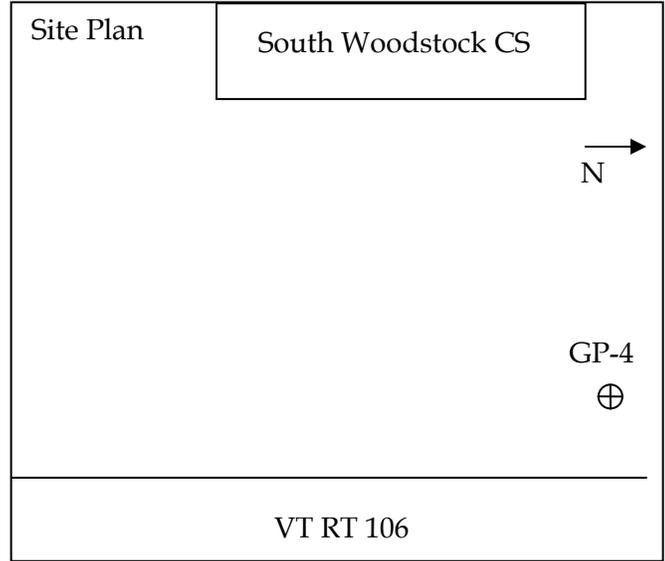
Drilling Log

Harper Environmental Associates

Well Number: GP-4

1811 Hale Hollow Road, Bridgewater Corners, VT (802) 672-6112 fax (802) 672-6227

Project: So. Woodstock Country Store
Date Drilled: December 4, 2009
Location: street: VT Rt. 106, So. Woodstock, VT
Drilling Co.: T+K Drilling
Method: Geoprobe
Drilled by: Kevin
Logged by: Cliff Harper
Diameter: 2" boring, 1" well
Total Depth of Borehole: 9'
Surface Elevation:
Water Level, initial: 0.0'
24 hours: n/a
Screen/Casing Type: PVC
Screen/Casing Diameter: 1"
Screen Length: 6'
Casing Length: 3'



Depth (feet)	Well As-built Detail	Notes	Soil Screening	Description of Soil Classification (Color, Texture, Structures)
-0 - - - - - -3' - - - - - - - - - - - - - - - -9'	<p>The diagram shows a vertical cross-section of the well. At the top is a 'Road box'. Below it is a 'PVC' casing. A layer of 'bentonite' is shown between the casing and the borehole wall. Below the bentonite is a 'Blank' section. Further down is a 'Screen' section, and at the bottom is 'sand'.</p>	Road box PVC bentonite Blank Screen sand	All PID readings were 0.0 ppm	<p>Location: Well is located in the north end of the parking lot in front of the store near Rt. 106.</p> <p>Soils: 0-7": hardpack 7" - 11": dark, sandy silt 11" - 2.5': light, sandy silt with pebbles 2.5-3.5': dark, sandy silt with pebbles 3.5-6': dark, sandy silt 6-9': dark, wet, sandy silt</p> <p>Soil Sampling: were screened the length of the boring by Harper Environmental. PID readings were 0.0 ppm at all depths.</p> <p>Groundwater: wet soils at 6'</p> <p>Monitoring Well: a monitoring well was installed at this location.</p>



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 06, 2010

FOR: Attn: Mr. Cliff Harper
 Harper Environmental Associates
 1811 Hale Hollow Rd
 Bridgewater Corners, VT 05035

Sample Information

Matrix: GROUND WATER
 Location Code: HARPER
 Rush Request:
 P.O.#:

Custody Information

Collected by: MB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 12/23/09 0:00
 12/30/09 10:41

Laboratory Data

SDG ID: GAS63615
 Phoenix ID: AS63615

Project ID: SO. WOODSTOCK CS

Client ID: MW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/31/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	12/31/09		R/J	SW8260
Acetone	ND	10	ug/L	12/31/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	12/31/09		R/J	SW8260

Client ID: MW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromodichloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon Disulfide	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Hexachlorobutadiene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Methyl ethyl ketone	ND	25	ug/L	12/31/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	12/31/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/31/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	1.0	ug/L	12/31/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	115		%	12/31/09		R/J	SW8260
% Bromofluorobenzene	88		%	12/31/09		R/J	SW8260
% Dibromofluoromethane	94		%	12/31/09		R/J	SW8260
% Toluene-d8	98		%	12/31/09		R/J	SW8260

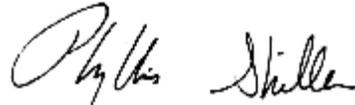
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 06, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 06, 2010

FOR: Attn: Mr. Cliff Harper
 Harper Environmental Associates
 1811 Hale Hollow Rd
 Bridgewater Corners, VT 05035

Sample Information

Matrix: GROUND WATER
 Location Code: HARPER
 Rush Request:
 P.O.#:

Custody Information

Collected by: MB
 Received by: LDF
 Analyzed by: see "By" below

Date: 12/23/09
 Time: 0:00
 Date: 12/30/09
 Time: 10:41

Laboratory Data

SDG ID: GAS63615
 Phoenix ID: AS63616

Project ID: SO. WOODSTOCK CS

Client ID: MW-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/31/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	12/31/09		R/J	SW8260
Acetone	ND	10	ug/L	12/31/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	12/31/09		R/J	SW8260

Client ID: MW-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromodichloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon Disulfide	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Hexachlorobutadiene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Methyl ethyl ketone	ND	25	ug/L	12/31/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	12/31/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/31/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	1.0	ug/L	12/31/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	114		%	12/31/09		R/J	SW8260
% Bromofluorobenzene	85		%	12/31/09		R/J	SW8260
% Dibromofluoromethane	109		%	12/31/09		R/J	SW8260
% Toluene-d8	98		%	12/31/09		R/J	SW8260

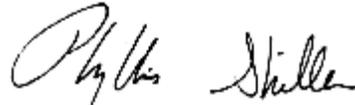
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

January 06, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 06, 2010

FOR: Attn: Mr. Cliff Harper
 Harper Environmental Associates
 1811 Hale Hollow Rd
 Bridgewater Corners, VT 05035

Sample Information

Matrix: GROUND WATER
 Location Code: HARPER
 Rush Request:
 P.O.#:

Custody Information

Collected by: MB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 12/23/09 0:00
 12/30/09 10:41

Laboratory Data

SDG ID: GAS63615
 Phoenix ID: AS63617

Project ID: SO. WOODSTOCK CS
 Client ID: MW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/31/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	12/31/09		R/J	SW8260
Acetone	ND	10	ug/L	12/31/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	12/31/09		R/J	SW8260

Client ID: MW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromodichloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon Disulfide	ND	1.0	ug/L	12/31/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/31/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/31/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Hexachlorobutadiene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Methyl ethyl ketone	ND	25	ug/L	12/31/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	12/31/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/31/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/31/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	1.0	ug/L	12/31/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	1.0	ug/L	12/31/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/31/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/31/09		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	12/31/09		R/J	SW8260
% Bromofluorobenzene	96		%	12/31/09		R/J	SW8260
% Dibromofluoromethane	107		%	12/31/09		R/J	SW8260
% Toluene-d8	104		%	12/31/09		R/J	SW8260

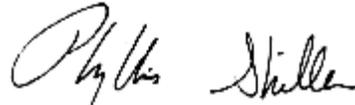
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

January 06, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 06, 2010

FOR: Attn: Mr. Cliff Harper
 Harper Environmental Associates
 1811 Hale Hollow Rd
 Bridgewater Corners, VT 05035

Sample Information

Matrix: GROUND WATER
 Location Code: HARPER
 Rush Request:
 P.O.#:

Custody Information

Collected by: MB
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 12/23/09 0:00
 12/30/09 10:41

Laboratory Data

SDG ID: GAS63615
 Phoenix ID: AS63618

Project ID: SO. WOODSTOCK CS
 Client ID: MW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	01/01/10		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	01/01/10		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	01/01/10		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	01/01/10		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	01/01/10		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	01/01/10		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/01/10		R/J	SW8260
Acetone	ND	10	ug/L	01/01/10		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/01/10		R/J	SW8260

Client ID: MW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Bromodichloromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Bromoform	ND	1.0	ug/L	01/01/10		R/J	SW8260
Bromomethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Carbon Disulfide	ND	1.0	ug/L	01/01/10		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	01/01/10		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Chloroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Chloroform	ND	1.0	ug/L	01/01/10		R/J	SW8260
Chloromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/01/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Dibromochloromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Hexachlorobutadiene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Methyl ethyl ketone	ND	25	ug/L	01/01/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	01/01/10		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	01/01/10		R/J	SW8260
Naphthalene	ND	1.0	ug/L	01/01/10		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
o-Xylene	ND	1.0	ug/L	01/01/10		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	01/01/10		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Styrene	ND	1.0	ug/L	01/01/10		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	1.0	ug/L	01/01/10		R/J	SW8260
Toluene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	01/01/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/01/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	1.0	ug/L	01/01/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	01/01/10		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	01/01/10		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	01/01/10		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	114		%	01/01/10		R/J	SW8260
% Bromofluorobenzene	85		%	01/01/10		R/J	SW8260
% Dibromofluoromethane	107		%	01/01/10		R/J	SW8260
% Toluene-d8	98		%	01/01/10		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
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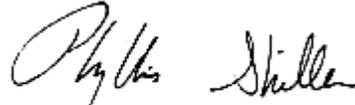
Comments:

Elevated reporting limits for volatiles due to dilution for sample matrix.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

January 06, 2010



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 06, 2010

QA/QC Data

SDG I.D.: GAS63615

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 144763, QC Sample No: AS63618 (AS63618)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	100	98	2.0	97	100	3.0
1,1,1-Trichloroethane	ND	103	102	1.0	100	104	3.9
1,1,2,2-Tetrachloroethane	ND	95	94	1.1	94	94	0.0
1,1,2-Trichloroethane	ND	102	103	1.0	95	101	6.1
1,1-Dichloroethane	ND	98	96	2.1	97	99	2.0
1,1-Dichloroethene	ND	100	95	5.1	107	110	2.8
1,1-Dichloropropene	ND	114	112	1.8	112	114	1.8
1,2,3-Trichlorobenzene	ND	>130	>130	NC	106	120	12.4
1,2,3-Trichloropropane	ND	107	107	0.0	98	99	1.0
1,2,4-Trichlorobenzene	ND	125	118	5.8	106	116	9.0
1,2,4-Trimethylbenzene	ND	113	110	2.7	110	113	2.7
1,2-Dibromo-3-chloropropane	ND	100	96	4.1	93	95	2.1
1,2-Dichlorobenzene	ND	103	99	4.0	96	99	3.1
1,2-Dichloroethane	ND	100	100	0.0	96	101	5.1
1,2-Dichloropropane	ND	107	106	0.9	103	105	1.9
1,3,5-Trimethylbenzene	ND	114	110	3.6	110	114	3.6
1,3-Dichlorobenzene	ND	107	105	1.9	100	104	3.9
1,3-Dichloropropane	ND	102	104	1.9	100	102	2.0
1,4-Dichlorobenzene	ND	105	102	2.9	100	102	2.0
2,2-Dichloropropane	ND	85	83	2.4	73	72	1.4
2-Chlorotoluene	ND	114	112	1.8	111	113	1.8
2-Hexanone	ND	89	84	5.8	84	83	1.2
2-Isopropyltoluene	ND	116	111	4.4	110	113	2.7
4-Chlorotoluene	ND	112	113	0.9	105	115	9.1
4-Methyl-2-pentanone	ND	99	100	1.0	94	98	4.2
Acetone	ND	102	92	10.3	94	103	9.1
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	111	110	0.9	106	108	1.9
Bromobenzene	ND	103	103	0.0	99	105	5.9
Bromochloromethane	ND	94	100	6.2	97	99	2.0
Bromodichloromethane	ND	104	103	1.0	95	99	4.1
Bromoform	ND	94	92	2.2	86	92	6.7
Bromomethane	ND	110	105	4.7	108	117	8.0
Carbon Disulfide	ND	106	106	0.0	104	109	4.7
Carbon tetrachloride	ND	104	99	4.9	100	106	5.8
Chlorobenzene	ND	103	101	2.0	98	102	4.0
Chloroethane	ND	106	106	0.0	108	111	2.7
Chloroform	ND	94	93	1.1	92	96	4.3

QA/QC Data

SDG I.D.: GAS63615

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloromethane	ND	121	119	1.7	112	116	3.5
cis-1,2-Dichloroethene	ND	102	103	1.0	100	103	3.0
cis-1,3-Dichloropropene	ND	105	103	1.9	96	102	6.1
Dibromochloromethane	ND	95	95	0.0	92	96	4.3
Dibromoethane	ND	104	103	1.0	100	103	3.0
Dibromomethane	ND	100	100	0.0	96	100	4.1
Dichlorodifluoromethane	ND	95	92	3.2	107	109	1.9
Ethylbenzene	ND	111	107	3.7	109	112	2.7
Hexachlorobutadiene	ND	103	102	1.0	92	101	9.3
Isopropylbenzene	ND	114	110	3.6	116	121	4.2
m&p-Xylene	ND	112	108	3.6	108	111	2.7
Methyl ethyl ketone	ND	86	85	1.2	75	84	11.3
Methyl t-butyl ether (MTBE)	ND	96	97	1.0	92	96	4.3
Methylene chloride	ND	92	95	3.2	95	97	2.1
Naphthalene	ND	117	112	4.4	93	100	7.3
n-Butylbenzene	ND	117	112	4.4	110	113	2.7
n-Propylbenzene	ND	116	112	3.5	111	114	2.7
o-Xylene	ND	116	113	2.6	110	116	5.3
p-Isopropyltoluene	ND	121	116	4.2	114	117	2.6
sec-Butylbenzene	ND	111	106	4.6	107	111	3.7
Styrene	ND	114	112	1.8	108	112	3.6
tert-Butylbenzene	ND	117	112	4.4	113	117	3.5
Tetrachloroethene	ND	106	105	0.9	105	108	2.8
Tetrahydrofuran (THF)	ND	111	117	5.3	106	112	5.5
Toluene	ND	109	106	2.8	106	108	1.9
trans-1,2-Dichloroethene	ND	103	102	1.0	107	108	0.9
trans-1,3-Dichloropropene	ND	103	104	1.0	96	98	2.1
trans-1,4-dichloro-2-butene	ND	99	99	0.0	82	90	9.3
Trichloroethene	ND	111	110	0.9	109	113	3.6
Trichlorofluoromethane	ND	105	100	4.9	98	105	6.9
Trichlorotrifluoroethane	ND	104	102	1.9	101	107	5.8
Vinyl chloride	ND	114	114	0.0	116	117	0.9
% 1,2-dichlorobenzene-d4	113	101	98	3.0	99	98	1.0
% Bromofluorobenzene	84	101	100	1.0	100	100	0.0
% Dibromofluoromethane	108	104	103	1.0	100	107	6.8
% Toluene-d8	98	99	101	2.0	100	100	0.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 144758, QC Sample No: AS63990 (AS63615, AS63616, AS63617)

Volatiles

1,1,1,2-Tetrachloroethane	ND	104	99	4.9	98	100	2.0
1,1,1-Trichloroethane	ND	94	92	2.2	98	101	3.0
1,1,2,2-Tetrachloroethane	ND	92	91	1.1	96	100	4.1
1,1,2-Trichloroethane	ND	101	97	4.0	100	103	3.0
1,1-Dichloroethane	ND	97	96	1.0	94	95	1.1
1,1-Dichloroethene	ND	96	90	6.5	103	100	3.0
1,1-Dichloropropene	ND	88	89	1.1	108	110	1.8
1,2,3-Trichlorobenzene	ND	119	122	2.5	130	134	3.0

QA/QC Data

SDG I.D.: GAS63615

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichloropropane	ND	105	105	0.0	98	103	5.0
1,2,4-Trichlorobenzene	ND	111	108	2.7	133	130	2.3
1,2,4-Trimethylbenzene	ND	110	106	3.7	106	110	3.7
1,2-Dibromo-3-chloropropane	ND	90	92	2.2	96	101	5.1
1,2-Dichlorobenzene	ND	100	98	2.0	97	100	3.0
1,2-Dichloroethane	ND	102	101	1.0	98	98	0.0
1,2-Dichloropropane	ND	104	100	3.9	102	105	2.9
1,3,5-Trimethylbenzene	ND	109	105	3.7	109	111	1.8
1,3-Dichlorobenzene	ND	103	101	2.0	101	102	1.0
1,3-Dichloropropane	ND	103	98	5.0	104	107	2.8
1,4-Dichlorobenzene	ND	102	99	3.0	100	103	3.0
2,2-Dichloropropane	ND	99	96	3.1	79	81	2.5
2-Chlorotoluene	ND	106	104	1.9	108	110	1.8
2-Hexanone	ND	85	83	2.4	88	95	7.7
2-Isopropyltoluene	ND	109	107	1.9	106	110	3.7
4-Chlorotoluene	ND	110	103	6.6	104	106	1.9
4-Methyl-2-pentanone	ND	95	94	1.1	94	99	5.2
Acetone	ND	99	87	12.9	94	98	4.2
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	104	105	1.0	104	107	2.8
Bromobenzene	ND	101	99	2.0	103	102	1.0
Bromochloromethane	ND	98	97	1.0	95	99	4.1
Bromodichloromethane	ND	106	103	2.9	97	99	2.0
Bromoform	ND	102	97	5.0	94	94	0.0
Bromomethane	ND	102	99	3.0	110	111	0.9
Carbon Disulfide	ND	103	99	4.0	99	102	3.0
Carbon tetrachloride	ND	99	95	4.1	97	101	4.0
Chlorobenzene	ND	101	98	3.0	98	100	2.0
Chloroethane	ND	99	97	2.0	103	103	0.0
Chloroform	ND	98	93	5.2	93	93	0.0
Chloromethane	ND	112	107	4.6	110	111	0.9
cis-1,2-Dichloroethene	ND	100	99	1.0	97	99	2.0
cis-1,3-Dichloropropene	ND	102	102	0.0	99	103	4.0
Dibromochloromethane	ND	100	99	1.0	96	98	2.1
Dibromoethane	ND	100	100	0.0	101	108	6.7
Dibromomethane	ND	100	99	1.0	99	102	3.0
Dichlorodifluoromethane	ND	89	83	7.0	100	101	1.0
Ethylbenzene	ND	107	103	3.8	104	105	1.0
Hexachlorobutadiene	ND	94	92	2.2	93	103	10.2
Isopropylbenzene	ND	104	103	1.0	112	115	2.6
m&p-Xylene	ND	110	104	5.6	104	107	2.8
Methyl ethyl ketone	ND	>130	74	NC	87	88	1.1
Methyl t-butyl ether (MTBE)	ND	99	97	2.0	97	98	1.0
Methylene chloride	ND	96	93	3.2	93	94	1.1
Naphthalene	ND	88	90	2.2	>150	147	NC
n-Butylbenzene	ND	111	105	5.6	110	111	0.9
n-Propylbenzene	ND	106	104	1.9	106	109	2.8
o-Xylene	ND	114	110	3.6	110	110	0.0
p-Isopropyltoluene	ND	113	109	3.6	112	115	2.6

QA/QC Data

SDG I.D.: GAS63615

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
sec-Butylbenzene	ND	103	99	4.0	104	107	2.8
Styrene	ND	112	108	3.6	108	110	1.8
tert-Butylbenzene	ND	108	105	2.8	109	113	3.6
Tetrachloroethene	ND	102	97	5.0	102	102	0.0
Tetrahydrofuran (THF)	ND	88	90	2.2	111	116	4.4
Toluene	ND	103	101	2.0	103	105	1.9
trans-1,2-Dichloroethene	ND	103	99	4.0	102	102	0.0
trans-1,3-Dichloropropene	ND	108	103	4.7	98	105	6.9
trans-1,4-dichloro-2-butene	ND	99	97	2.0	96	101	5.1
Trichloroethene	ND	104	101	2.9	105	107	1.9
Trichlorofluoromethane	ND	105	100	4.9	95	95	0.0
Trichlorotrifluoroethane	ND	97	94	3.1	95	99	4.1
Vinyl chloride	ND	105	102	2.9	110	112	1.8
% 1,2-dichlorobenzene-d4	112	99	98	1.0	99	100	1.0
% Bromofluorobenzene	87	103	100	3.0	99	99	0.0
% Dibromofluoromethane	90	92	89	3.3	106	107	0.9
% Toluene-d8	97	100	100	0.0	99	99	0.0

Comment:

A blank MS/MSD was analyzed with this batch.

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria

Phyllis Shiller, Laboratory Director
January 06, 2010



Environmental Laboratories, Inc.
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Analysis Report

February 02, 2010

FOR: Attn: Mr. Cliff Harper
 Harper Environmental Associates
 1811 Hale Hollow Rd
 Bridgewater Corners, VT 05035

Sample Information

Matrix: DRINKING WATER
 Location Code: HARPER
 Rush Request: RUSH#
 P.O.#:

Custody Information

Collected by:
 Received by: LDF
 Analyzed by: see "By" below

Date Time
 01/27/10 13:00
 01/28/10 10:48

Laboratory Data

SDG ID: GAS71452
 Phoenix ID: AS71452

Project ID: SO. WOODSTOCK CS

Client ID: DW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles (524.2)</u>							
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1,1-Trichloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1,2-Trichloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1-Dichloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1-Dichloroethene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,1-Dichloropropene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2,3-Trichlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2,3-Trichloropropane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2,4-Trichlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2,4-Trimethylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2-Dichlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2-Dichloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,2-Dichloropropane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,3,5-Trimethylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,3-Dichlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
1,3-Dichloropropane	ND	0.50	ug/L	01/28/10		R/J	524.2
1,4-Dichlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
2,2-Dichloropropane	ND	0.50	ug/L	01/28/10		R/J	524.2
2-Chlorotoluene	ND	0.50	ug/L	01/28/10		R/J	524.2
4-Chlorotoluene	ND	0.50	ug/L	01/28/10		R/J	524.2
Benzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Bromobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Bromochloromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Bromodichloromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Bromoform	ND	0.50	ug/L	01/28/10		R/J	524.2

Client ID: DW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromomethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Carbon tetrachloride	ND	0.50	ug/L	01/28/10		R/J	524.2
Chlorobenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Chloroethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Chloroform	ND	0.50	ug/L	01/28/10		R/J	524.2
Chloromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
cis-1,2-Dichloroethene	ND	0.50	ug/L	01/28/10		R/J	524.2
cis-1,3-Dichloropropene	ND	0.50	ug/L	01/28/10		R/J	524.2
Dibromochloromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Dibromoethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Dibromomethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Dichlorodifluoromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Ethylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Hexachlorobutadiene	ND	0.50	ug/L	01/28/10		R/J	524.2
Isopropylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
m&p-Xylene	ND	1.0	ug/L	01/28/10		R/J	524.2
Methyl Ethyl Ketone	ND	5.0	ug/L	01/28/10		R/J	524.2
Methyl t-butyl ether (MTBE)	ND	0.50	ug/L	01/28/10		R/J	524.2
Methylene chloride	ND	0.50	ug/L	01/28/10		R/J	524.2
Naphthalene	ND	0.50	ug/L	01/28/10		R/J	524.2
n-Butylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
n-Propylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
o-Xylene	ND	0.50	ug/L	01/28/10		R/J	524.2
p-Isopropyltoluene	ND	0.50	ug/L	01/28/10		R/J	524.2
sec-Butylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Styrene	ND	0.50	ug/L	01/28/10		R/J	524.2
tert-Butylbenzene	ND	0.50	ug/L	01/28/10		R/J	524.2
Tetrachloroethene	ND	0.50	ug/L	01/28/10		R/J	524.2
Toluene	ND	0.50	ug/L	01/28/10		R/J	524.2
Total Trihalomethanes	ND	0.50	ug/L	01/28/10		R/J	524.2
Total Xylenes	ND	1.0	ug/L	01/28/10		R/J	524.2
trans-1,2-Dichloroethene	ND	0.50	ug/L	01/28/10		R/J	524.2
trans-1,3-Dichloropropene	ND	0.50	ug/L	01/28/10		R/J	524.2
Trichloroethene	ND	0.50	ug/L	01/28/10		R/J	524.2
Trichlorofluoromethane	ND	0.50	ug/L	01/28/10		R/J	524.2
Vinyl chloride	ND	0.50	ug/L	01/28/10		R/J	524.2
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	126		%	01/28/10		R/J	524.2
% Bromofluorobenzene	75		%	01/28/10		R/J	524.2
% Dibromofluoromethane	111		%	01/28/10		R/J	524.2
% Toluene-d8	97		%	01/28/10		R/J	524.2

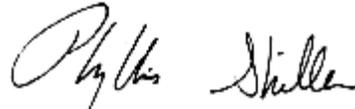
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 02, 2010



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QA/QC Report

February 02, 2010

QA/QC Data

SDG I.D.: GAS71452

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 146445, QC Sample No: AS71426 (AS71452)							
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	107	109	1.9	99	95	4.1
1,1,1-Trichloroethane	ND	101	97	4.0	80	80	0.0
1,1,2,2-Tetrachloroethane	ND	102	104	1.9	95	98	3.1
1,1,2-Trichloroethane	ND	99	104	4.9	96	93	3.2
1,1-Dichloroethane	ND	106	105	0.9	86	86	0.0
1,1-Dichloroethene	ND	84	77	8.7	100	75	28.6
1,1-Dichloropropene	ND	97	100	3.0	94	86	8.9
1,2,3-Trichlorobenzene	ND	98	110	11.5	93	100	7.3
1,2,3-Trichloropropane	ND	113	120	6.0	99	95	4.1
1,2,4-Trichlorobenzene	ND	85	94	10.1	98	100	2.0
1,2,4-Trimethylbenzene	ND	110	116	5.3	106	101	4.8
1,2-Dibromo-3-chloropropane	ND	86	90	4.5	86	86	0.0
1,2-Dichlorobenzene	ND	100	105	4.9	94	94	0.0
1,2-Dichloroethane	ND	104	100	3.9	86	87	1.2
1,2-Dichloropropane	ND	99	104	4.9	96	93	3.2
1,3,5-Trimethylbenzene	ND	112	116	3.5	106	101	4.8
1,3-Dichlorobenzene	ND	105	111	5.6	101	99	2.0
1,3-Dichloropropane	ND	108	108	0.0	101	102	1.0
1,4-Dichlorobenzene	ND	100	103	3.0	99	98	1.0
2,2-Dichloropropane	ND	96	93	3.2	62	58	6.7
2-Chlorotoluene	ND	106	109	2.8	102	99	3.0
4-Chlorotoluene	ND	110	112	1.8	106	99	6.8
Benzene	ND	99	104	4.9	99	92	7.3
Bromobenzene	ND	98	103	5.0	96	96	0.0
Bromochloromethane	ND	97	97	0.0	93	94	1.1
Bromodichloromethane	ND	102	106	3.8	93	91	2.2
Bromoform	ND	116	116	0.0	100	104	3.9
Bromomethane	ND	111	115	3.5	58	55	5.3
Carbon tetrachloride	ND	102	106	3.8	83	79	4.9
Chlorobenzene	ND	104	107	2.8	99	94	5.2
Chloroethane	ND	116	120	3.4	99	86	14.1
Chloroform	ND	101	101	0.0	99	84	16.4
Chloromethane	ND	109	111	1.8	122	110	10.3
cis-1,2-Dichloroethene	ND	95	95	0.0	100	95	5.1
cis-1,3-Dichloropropene	ND	89	96	7.6	91	92	1.1
Dibromochloromethane	ND	104	107	2.8	97	97	0.0
Dibromoethane	ND	98	103	5.0	97	97	0.0
Dibromomethane	ND	87	102	15.9	96	95	1.0

QA/QC Data

SDG I.D.: GAS71452

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dichlorodifluoromethane	ND	115	116	0.9	94	82	13.6
Ethylbenzene	ND	107	111	3.7	104	97	7.0
Hexachlorobutadiene	ND	92	104	12.2	86	90	4.5
Isopropylbenzene	ND	101	104	2.9	108	102	5.7
m&p-Xylene	ND	110	115	4.4	106	101	4.8
Methyl ethyl ketone	ND	103	95	8.1	88	95	7.7
Methyl t-butyl ether (MTBE)	ND	103	110	6.6	98	94	4.2
Methylene chloride	ND	97	97	0.0	96	89	7.6
Naphthalene	ND	<70	<70	NC	118	106	10.7
n-Butylbenzene	ND	108	115	6.3	100	97	3.0
n-Propylbenzene	ND	106	111	4.6	104	100	3.9
o-Xylene	ND	114	117	2.6	111	105	5.6
p-Isopropyltoluene	ND	108	115	6.3	101	97	4.0
sec-Butylbenzene	ND	104	112	7.4	102	97	5.0
Styrene	ND	114	118	3.4	110	105	4.7
tert-Butylbenzene	ND	107	112	4.6	105	99	5.9
Tetrachloroethene	ND	103	104	1.0	98	90	8.5
Toluene	ND	99	102	3.0	97	91	6.4
trans-1,2-Dichloroethene	ND	97	102	5.0	83	85	2.4
trans-1,3-Dichloropropene	ND	104	109	4.7	93	93	0.0
Trichloroethene	ND	95	99	4.1	96	89	7.6
Trichlorofluoromethane	ND	92	88	4.4	73	62	16.3
Vinyl chloride	ND	113	115	1.8	100	88	12.8
% 1,2-dichlorobenzene-d4	125	97	98	1.0	94	93	1.1
% Bromofluorobenzene	78	99	98	1.0	97	96	1.0
% Dibromofluoromethane	92	73	77	5.3	72	80	10.5
% Toluene-d8	97	98	100	2.0	100	100	0.0

Comment:

A blank MS/MSD was analyzed with this batch.

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria


 Phyllis Shiller, Laboratory Director
 February 02, 2010



LIMITATIONS

1. The observations described in this report were made under the conditions stated therein. The conclusions presented were based solely upon the services described, and not on scientific procedures which were beyond the scope of described services or the time and budgetary constraints imposed by the Client. Where access to portions of the Site or to structures on the Site was unavailable or limited, Harper Environmental renders no opinion as to the presence of oil or hazardous material in that portion of the Site or structure.
2. Certain information provided by State or local officials, as well as other parties herein referenced, was used to develop this report. The accuracy or completeness of the information provided by these sources was not independently verified.
3. Harper Environmental did not perform testing or analyses to determine the presence or concentrations of asbestos, radon, lead paint, or UFFI at the Site or in the environment at the Site. Air quality sampling and PCB analyses were also not conducted as part of this project, unless otherwise stated.
4. This report assessed the physical characteristics of the subject Site with respect to the presence of oil or hazardous material. Compliance of present or past owners or operators with any federal, state or local laws and regulations was not verified.
5. The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. Additionally, variations in the types and concentrations of contaminants and variations in their flow path may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Harper Environmental reserves the right to modify the conclusions of this report should further information become available.
6. Any water level readings made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However fluctuations in the level of groundwater due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
7. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where an outside laboratory has conducted such analyses, Harper Environmental has relied on the data provided and has not conducted an independent evaluation of the reliability of the data.
8. Chemical analyses have been performed for specific constituents during the course of the site assessment, as described in the report. However, additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the Site.

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