

Diversified Environmental Services, Inc.

277A Captain Lewis Drive

Southington, CT 06489

Phone: 860-621-3630

e-mail: info@desct.com

April 26, 2013

Mr. Edward McCarty
20 Station Road
Brookfield, Connecticut 06804

RE: April 2013 Groundwater Monitoring
20 Station Road, Brookfield, CT
DES Project No. 1275

Dear Mr. McCarty:

Diversified Environmental Services, Inc. (DES) is pleased to submit this letter report detailing the results of an April 2013 groundwater monitoring event for the 20 Station Road property in Brookfield, Connecticut (Site). The groundwater monitoring was performed to evaluate the groundwater quality at the Site at the request of Mr. McCarty and his legal counsel.

Prior to this most recent event, DES completed two quarterly monitoring events in 2002, which were part of compliance and post remedial groundwater monitoring associated with an approximate 114 ton soil excavation program that took place on the property in May 2002. The groundwater monitoring was also being performed to satisfy the requirements of Order No. SRD 113, issued to Edward and Monique McCarty on September 20, 1999. Per the request of Mr. McCarty and his legal counsel, this report discusses the results of the most recent groundwater monitoring as well as provide a brief summary of previous environmental work completed at the Site to date.

Site History

The 2.31-acre Site is located at 20 Station Road in Brookfield, Connecticut and has been used for residential and commercial purposes since its development in 1945. Prior to that the Site was used as farmland. The current owner of the Site is listed as Edward J. McCarty. The Site was previously supplied water via on-Site bedrock wells (three total), but is currently connected to the public water supply.

The Site contains a 2-story building that was occupied by a dry cleaner during the 1960s and 1970s. The dry cleaner operation was located in the northwest portion of the Site building. Virgin dry cleaning solvents containing tetrachloroethylene (PCE) was stored in unknown quantities and waste PCE was reportedly collected and stored in two 55-gallon steel drums that were installed beneath the building concrete slab at an unknown date. These steel drums were piped together and reportedly tied into the dry cleaning machine.

The building was formerly heated by fuel oil, stored in a 275-gallon aboveground storage tank (AST) and 550-gallon AST located on the north side of the building. The 275-gallon AST was removed in March 1997 and the 550-gallon AST was no longer in use as of 2002. Fuel oil was also formerly stored in a 550-gallon underground storage tank (UST) located on the west side of the building.

The Site was historically connected to an on-Site septic system for sewage disposal which was located on the northeastern side of the building. The leaching fields were also reportedly located on the northeast side of the building. In 1997, the septic tank and four associated dry wells were removed with a subsequent connection to the municipal sanitary sewer system. The on-Site septic system had been used for sewage disposal from the date of construction until the connection to the sanitary sewer system.

In April 1998, the CTDEEP Water Management Bureau installed a total of eight borings on the subject Site using its Geoprobe SES. Bedrock was encountered at depths of 8 to 11 feet below ground surface (fbgs). The borings were finished with 0.75" piezometers ranging in depth from 8 to 11 fbgs. Groundwater samples were collected from the piezometers and field screened with a Photovac GC PID. Results of the field screening indicated levels of chlorinated solvents in the groundwater and soil samples. In addition, water samples were collected from the potable wells, sumps, tanks and sludge seeps and soil samples were collected from a tank grave and floor sump. The results of the analysis indicated the highest concentrations of PCE were in the groundwater collected from GP-8, located just to the north of the former dry cleaning tenant space, and in the PCE UST sample. The PCE UST sample is one of the subgrade 55 gallon drums located in the northwestern portion of the building that was used to collect waste PCE.

In June 1998, the CTDEEP collected a water sample from a tap at the Site. Laboratory analysis showed a concentration of PCE of 150 micrograms per liter (ug/l) and trichloroethylene (TCE) of 10 ug/l. A granular activated carbon (GAC) filtration system was subsequently installed at the Site and surrounding properties with elevated levels of VOCs identified in their drinking water supplies.

In November 1998 the UST was removed from the subject Site. Soil samples were collected from the excavated UST grave and submitted for analysis of total petroleum hydrocarbons (TPH) by EPA Method 418.1 and volatile organic compounds (VOC) by EPA Method 8260. The results of the analysis showed elevated levels of benzene, toluene, ethyl benzene and xylenes (BTEX) constituents above applicable soil standards. In addition, a sample of liquid was collected from within the UST which contained BTEX constituents. Duplicate samples collected by the Connecticut Department of Energy and Environmental Protection (CTDEEP) indicated the presence of PCE in the soil above the Pollutant Mobility Criteria (PMC).

- **CTDEEP Consent Order**

On September 20, 1999 the CTDEEP issued Order No. SRD-113 to Edward and Monique McCarty who are the co-owners of the subject Site. The order was issued by the CTDEEP as a result of a historic release(s) from an on-Site dry cleaning operation. The CTDEEP Order No. SRD-113 required that:

- A Scope of Study be prepared for investigating the degree and extent of soil, groundwater and surface water contamination at the property located at 20 Station Road in Brookfield, Connecticut and its potential impact on the environment both on-site and off-site;
- Conduct investigation into the potential impact on the environment to areas off-site and surrounding 20 Station Road in Brookfield, Connecticut and prepare an investigation report presenting proposed remedial alternatives;
- Upon Commissioner approval of a remedial action plan, implement remedial actions; and
- Conduct an approved monitoring program to determine the effectiveness of the remedial actions; and
- Prepare quarterly progress reports through compliance with the Consent Order.

The Scope of Study was approved by the CTDEEP on November 7, 2000.

- **DES Completed Investigations/Remediation**

In November 2000, DES performed a subsurface investigation that consisted of the installation of twenty-two soil borings, seven of which were finished with groundwater monitoring wells and sixteen shallow borings beneath the former dry cleaning tenant space. Thirty (30) soil samples, two surface water samples, two potable well samples and seven groundwater samples were submitted to a laboratory for analysis of VOCs (EPA Method 8260 or 524.2) and/or ETPH. The results of the soil analysis indicated three of the soil samples collected from beneath the former dry cleaning tenant space, contained concentrations of PCE above the PMC but below the Residential Direct Exposure Criteria (RDEC). PCE was detected in three of the other sub floor samples (SB-6 (2-4), SB-10 (2-4) and SB-16 (0-2)) below the RDEC and PMC. Two soil samples collected immediately to the north of the dry cleaning tenant space contained concentrations of PCE which were above the PMC but below the RDEC. The remaining soil samples collected from the exterior of the property contained concentrations of VOCs below laboratory detection limits or applicable standards. The results of the groundwater analysis showed concentrations of PCE in monitoring wells MW-4 and MW-5, located to the west and northwest of the former dry cleaning tenant space, above the Groundwater Protection Criteria (GPC), Residential Volatilization Criteria (RVC) and Surface Water Protection Criteria (SWPC). PCE was also detected in MW-6 and MW-7, located to the north and northwest of the former dry cleaning tenant space.

Monitoring wells MW-2, and MW-4 through MW-7 contained concentrations of other chlorinated solvents commonly seen in the dechlorination process (or breakdown products) of PCE above the respective groundwater standards (GPC and RVC). The analytes included trichloroethylene, 1,1,1-trichloroethane, 1,2-dichloroethylene, 1,1-dichloroethane, chloroethane and vinyl chloride. The two water samples collected from the on-Site potable wells contained concentrations of PCE and TCE that exceeded the respective MCL and GPC for those compounds. No VOCs were detected in either of the surface water samples collected from the wetlands on the northern portion of the property.

- **DES Investigation – October 2001**

In October 2001, DES installed a total of six soil borings, finished with groundwater monitoring wells and collected a total of ten soil samples to delineate the extent of PCE contamination identified on the property. Four of the soil samples and all of the groundwater samples were submitted to a laboratory for analysis of VOCs by EPA Method 8260 with MTBE. The concentration of PCE in soil sample MW-11 (0'-2') exceeded the PMC for PCE but was well below the RDEC for PCE. This soil sample was collected to the west of the former dry cleaning tenant space. None of the other soil samples contained concentrations of PCE or other VOCs above applicable soil standards.

The results of the groundwater analysis showed concentrations of PCE and/or breakdown products of PCE in all of the groundwater samples collected from the monitoring wells. The highest VOC concentrations in the groundwater are located immediately to the west and northwest, downgradient, of the former dry cleaning tenant space. Groundwater was determined to be flowing in a northwesterly direction with northerly and westerly flow components. The areal extent of the groundwater contamination was determined to flow off of the western property line. The report concluded that PCE impacted soil exists under the northwest portion of the

building in the former dry cleaning tenant space and appear to be a continuing source of contamination, PCE impacted soil is also located immediately to the north and west of the former dry cleaning tenant space, and the groundwater in the shallow aquifer (MW-5, MW-6 and MW-8 through MW-11 located to the west and northwest of the former dry cleaning tenant space) contains concentrations of PCE that exceeds applicable groundwater standards by orders of magnitude. The plume extends to the western property boundary and migrates off-Site.

- **DES Remediation – December 2001 through May 2002**

DES provided oversight for excavation of the contaminated soils from three locations on-Site. The field work was performed from December 2001 through May 2002. The areas that were excavated included the interior northwestern portion of the building, the area to the north of the building and an area to the west of the building. The soil was excavated in order to remove the source(s) of contamination and reduce the potential for migration to the groundwater.

All of the soils exhumed from the excavations, along with the two 55-gallon drums, were stockpiled on and covered by 6 mil polyethylene sheeting pending off-Site disposal. Three characterization samples, collected from the three different stockpiled areas, were collected directly from the stockpile for disposal purposes. The soil was approved and disposed of (114 tons) at the Holyoke Sanitary Landfill in Granby, Massachusetts in May 2002. The results of the analysis from the confirmatory soil samples showed slightly elevated concentrations of PCE remain under the building footing and slab as well as the floor of the excavation to the north of the building that was not able to be removed due to groundwater entering the excavation.

A passive venting system was installed under the northwest portion of the building and in the excavation to the north of the building to aid in the reduction of residual contamination from the soil that remains under the building footing. Two venting system legs were installed under the building and one just outside the northwest portion of the building. The interior and exterior configuration were manifolded together and vented above the roof line of the building. The venting system consisted of four inch perforated PVC slotted pipe buried approximately 4 feet below the ground surface. The pipe was laid in and covered by gravel followed by filter fabric.

- **Post-Remediation Groundwater Monitoring**

DES completed two rounds of groundwater monitoring at the Site in July 2002 and October 2002. The groundwater monitoring was performed to satisfy the requirements of Order No. SRD 113, issued on September 20, 1999. Following the second monitoring event, a downward trend was apparent for the halogenated volatile organic compound contamination. This was presumably due to the soil removal program that was conducted in May 2002. DES proposed to continue to monitor the trends in halogenated VOC contamination to determine compliance with the RSRs and the requirements for groundwater remediation, however no further work was completed until April 2013.

Groundwater Sample Collection – April 2013

DES personnel conducted a Site walk prior to groundwater monitoring activities to identify and locate previously installed monitoring wells and determine if the wells are in adequate condition for sampling. DES was accompanied by Mr. Edward McCarty during the Site walk on April 8, 2013. A total of nine monitoring wells were located during the Site walk. Monitoring wells MW-5 and MW-7 could not be located. All of the monitoring wells were in good condition with

sealed monitoring well curb boxes, except for MW-11, which consisted of a 4"-PVC riser which had cracked near the top and buried. No curb box was installed for MW-11 and the expandable well plug was pushed/jammed into the PVC riser. The PVC riser was uncovered and the well plug removed from the well in order to observe the interior condition of the well. The plug appeared to be in acceptable condition and prohibited surface water/debris from entering the well itself and therefore acceptable to collect a sample.

DES completed the groundwater monitoring event on April 10, 2013. Prior to purging and sampling activities, depth to groundwater measurements were recorded at monitoring wells MW-1 through MW-11 (except MW-5 and MW-7). A Solinst water level probe was lowered into each well until the groundwater surface was encountered. Measurements were recorded relative to the top of the well casing which was previously surveyed to a 100.00 foot reference datum. The piezometric surface elevations were calculated by subtracting the depth to groundwater from the surveyed top of casing elevations. The monitoring well locations are shown on Figure 1, included in Attachment A. A groundwater contour map for this sampling event is presented on Figure 2, included in Attachment A.

Groundwater samples were collected from wells MW-1 through MW-11 (except MW-5 and MW-7) on April 10, 2013 by DES in accordance with company Standard Operating Procedures (SOPs) and standard industry practices. Each well was purged with a low flow pump (Geotech GeoPump) with dedicated tubing until water quality parameters stabilized. DES logged the water quality parameters during purging with an YSI 6820 Water Quality Meter and YSI 650 MDS Handheld Display. The dedicated tubing was also used to collect groundwater samples.

Two 40-milliliter VOA vials (preserved with hydrochloric acid) were completely filled with groundwater from each monitoring well. The time, location and sample number were recorded on the sample container label with indelible ink and on the accompanying chain of custody form, maintained in a chilled environment and delivered to Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut, a CT State certified laboratory on April 11, 2013.

Laboratory Analysis

DES submitted all of the groundwater samples from the April 10, 2013 sampling event to Phoenix for analysis of volatile organic compounds (VOCs) by EPA Method 8260. Holding times were observed for the analysis. A trip blank was submitted to Phoenix for the same analysis for quality assurance and quality control purposes.

The analytical results for the groundwater samples were compared to the Groundwater Protection Criteria (GPC) for "GA" classified groundwater areas, Residential Volatilization Criteria (RVC) and the Surface Water Protection Criteria (SWPC) established in Section 22a-133k-3 of the RSRs.

Phoenix reported the results of the analysis on April 18, 2013. Monitoring wells MW-4, MW-10, and MW-11 contained concentrations of perchloroethylene (PCE) at 230 micrograms per liter (ug/l), 300 ug/l, and 150 ug/l, respectively. All three wells contained concentrations of PCE above the 5 ug/l GPC and the 88 ug/l SWPC, but below the 1,500 ug/l RVC. Monitoring wells MW-4, MW-10 and MW-11 also contained concentrations of trichloroethylene (TCE) at 16 ug/l, 46 ug/l and 25 ug/l, respectively, which are all above the 5 ug/l GPC.

Monitoring wells MW-4, MW-6, MW-9, MW-10, and MW-11 contained cis 1,2 Dichloroethylene (C 1,2 DCE). MW-10 and MW-11 contained concentrations (100 ug/l and 210 ug/l respectively) which is above the GPC of 70 ug/l for C 1,2 DCE. No SWPC or RVC has been established for C 1,2 DCE. MW-6, MW-10, and MW-11 also contained vinyl chloride (VC)

above the GPC and RVC, both 2 ug/l, but below the SWPC of 15,750 ug/l for VC. Trans 1,2 Dichloroethylene (T 1,2 DCE) was detected in MW-6 and MW-11 below the GPC of 100 ug/l. No RVC or SWPC has been established for T 1,2 DCE.

No other analytes were detected in any of the groundwater samples above laboratory detection limits. A tabular summary of the reported compounds for the sampling event is included in Table 2 below. A tabular summary of the historic analytical results is included in Table 3, included in Attachment A. The laboratory report is included in Attachment B.

Table 2
4/10/13 Summary of Groundwater Analytical Data
20 Station Road, Brookfield, Connecticut

Parameter	Sample Designation									Standard		
	MW-1	MW-2	MW-3	MW-4	MW-6	MW-8	MW-9	MW-10	MW-11	GPC	RVC	SWPC
Tetrachloroethylene	ND	ND	ND	230	ND	ND	ND	300	150	5	1500	88
Trichloroethylene	ND	ND	ND	16	ND	ND	ND	46	25	5	219	2340
c-1,2-Dichloroethylene	ND	ND	ND	16	61	ND	1.3	100	210	70	NE	NE
t-1,2-Dichloroethylene	ND	ND	ND	ND	1.3	ND	ND	ND	1.2	100	NE	NE
Vinyl Chloride	ND	ND	ND	ND	4.2	ND	ND	2.9	8.1	2	2	15750

NOTE: All Units in Micrograms Per Liter (ug/l) = Parts Per Billion (ppb)
 GPC = Groundwater Protection Criteria
 RVC = Residential Volatilization Criteria
 SWPC = Surface Water Protection Criteria

NE = No Established Standard
 Bold = GPC Exceedance
 Shaded Cell = RVC Exceedance
 ND = Below Laboratory Detection Limits

Summary, Conclusions and Recommendations

- Summary and Conclusions

DES was on-Site on April 10, 2013 to conduct groundwater monitoring at the 20 Station Road, Brookfield Site. Nine of the eleven monitoring wells were located and inspected by DES during a Site walk on April 8, 2013. The groundwater monitoring was performed to determine the current status of groundwater quality at the Site. Prior to this most recent event, DES completed two quarterly monitoring events in 2002, which were part of compliance and post remedial groundwater monitoring associated with an approximate 114 ton excavation program that took place on the property in May 2002. The groundwater monitoring was also being performed to satisfy the requirements of Order No. SRD 113, issued on September 20, 1999.

Groundwater was determined to be 0.99 feet below the ground surface to 2.64 feet below ground surface across the Site during the April 10, 2013 sampling event. The groundwater flow direction at the Site was determined to be in a northwesterly direction with northerly and westerly components.

Nine groundwater samples were collected from the on-Site groundwater monitoring wells (MW-1 through MW-11, except MW-5 and MW-7) on April 10, 2013 and submitted for analysis of VOCs by EPA Method 8260 on April 11, 2013. Samples collected from monitoring wells MW-1, MW-2, MW-3, and MW-8 had no detections (above the laboratory minimum detection limit) of VOCs.

Monitoring wells MW-4, MW-10, and MW-11 contained concentrations of PCE and TCE above the GPC and the SWPC. MW-10 and MW-11 also contained concentrations of C 1,2 DCE above

the GPC. Vinyl Chloride was detected in monitoring wells MW-6, MW-10, and MW-11 above the GPC and RVC.

A downward trend is apparent for the halogenated volatile organic compound contamination. Table 3, located in Attachment A, provides a historical view of groundwater monitoring results conducted at the Site. The downward trend is presumably due to the soil removal program that was conducted in May 2002 as well as natural degradation of PCE into daughter products over time. DES will continue to monitor the trends in halogenated VOC contamination to determine compliance with the RSRs and the requirements for groundwater remediation.

- **Recommendations**

Based on the Scope of Work performed, DES recommends resuming the quarterly groundwater monitoring program, which stopped in October 2002. The groundwater monitoring will continue to determine the effectiveness of soil remediation, comply with Section 22a-133k-3 of the RSRs and Order No. SRD-113. The additional monitoring events will provide the information necessary to implement an effective groundwater remediation (if necessary) and provide a baseline if/when groundwater remediation begins. The next sampling event is scheduled for July 2013.

Limitations

The author of this Report, Diversified Environmental Services (DES) of Southington, Connecticut, hereby gives notice that any statement of opinion contained in this report prepared by DES shall not be construed to create any warranty or representation that the real property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statutory requirements; or that the property is fit for any particular purpose. Unless otherwise indicated in this report, no attempt was made to check on the compliance of present or past owners of the site with Federal, State, or Local laws and regulations. The conclusions presented in this report were based on the services described, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by client. Any person or entity considering the use, acquisition or other involvement or activity concerning the property shall be solely responsible for determining the adequacy of the property for any and all uses for which that person or entity shall use the property. Any person or entity considering the use, acquisition or other involvement of activity concerning the property which is the subject of this report should enter into any use, occupation, acquisitions or the like on sole reliance upon any representation of and on its own personal investigation of such property, and not in reliance upon any representation of DES regarding such property, the character, quality of value thereof. DES has performed this limited investigation in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. DES shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time the evaluation was performed.

Please feel free to contact me at (860) 621-3630 with any questions you may have.

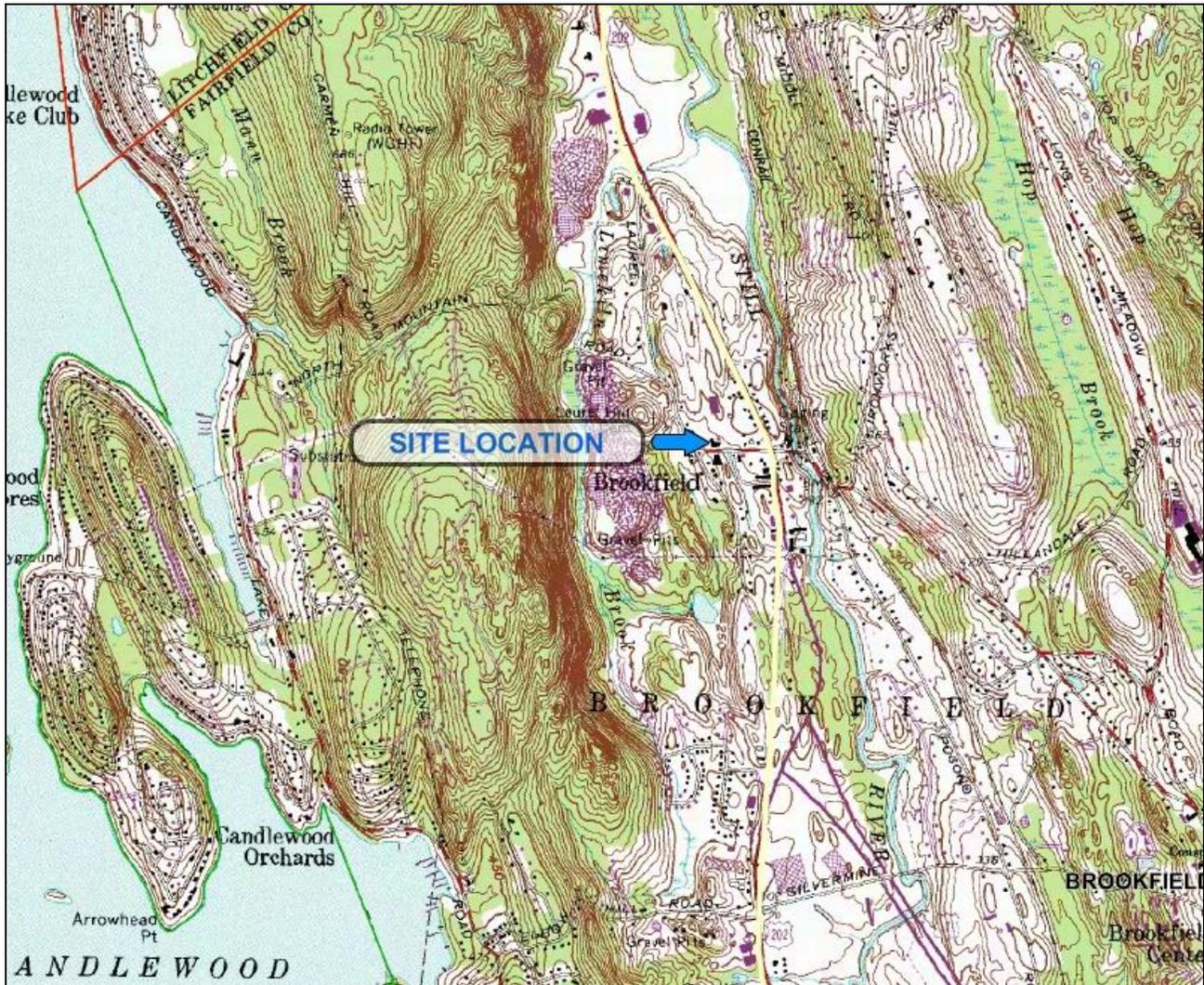
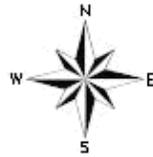
Sincerely,

DIVERSIFIED ENVIRONMENTAL SERVICES

Jeffrey D. Gworek
Project Manager

ATTACHMENT A

Figure 1: Site Location Map
20 Station Road, Brookfield, Connecticut



Project Number: 1954	Date: May 2013	Compiled By: JDG
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277A Captain Lewis Drive
Southington, Connecticut 06489

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Website: www.desct.com



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DRW: JDG

CHD BY: JDG

SHEET: 1:1

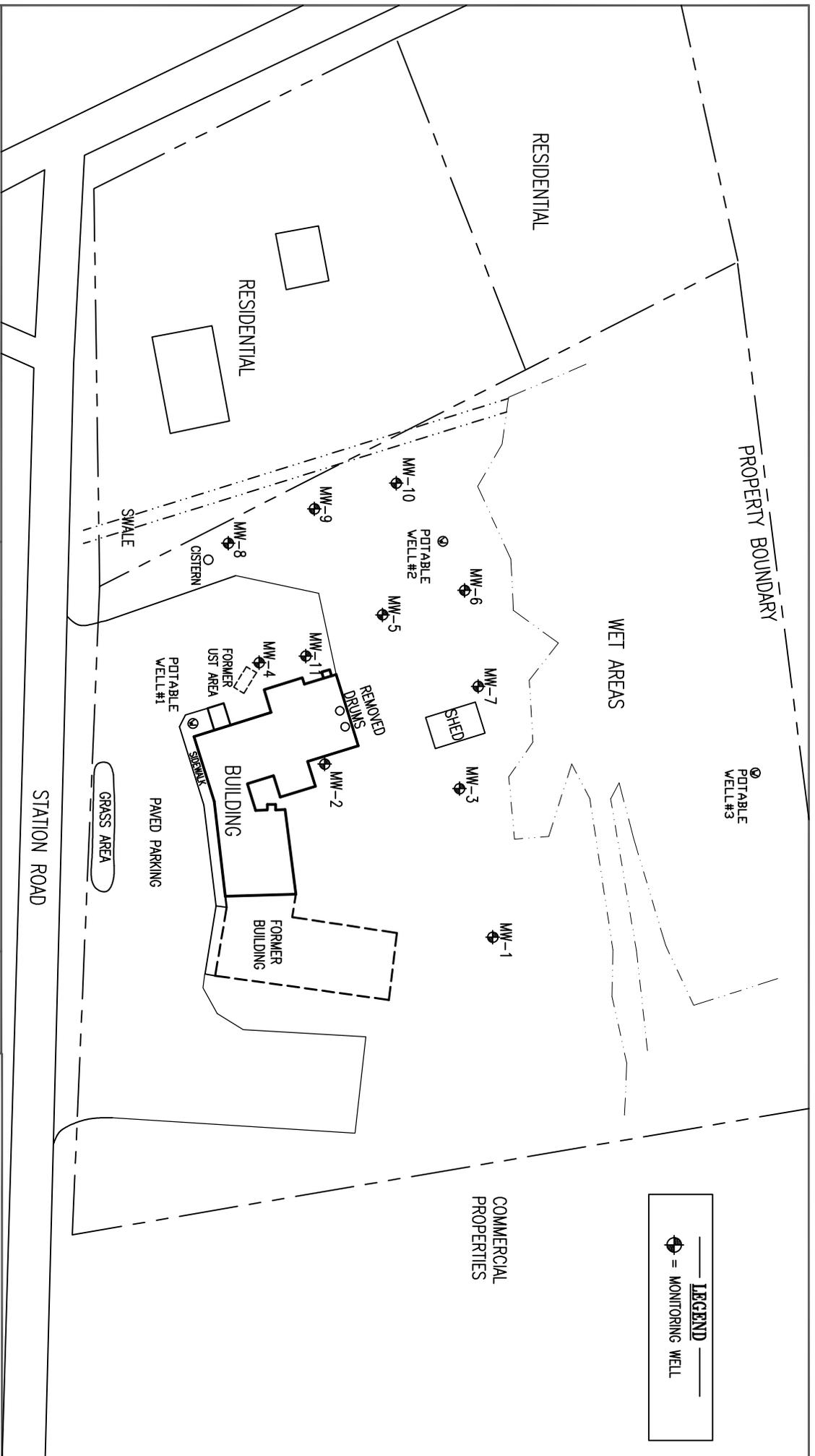
4/10/13

NOTE: MAPPING BASED ON PREVIOUS DES MAP & GIS DATA



**SITE LAYOUT MAP
20 STATION ROAD
BROOKFIELD, CT**

FIGURE 2:



LEGEND
—○— = MONITORING WELL



diversified environmental services, inc
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860-621-3630 (fax) 860-621-0067
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DRW: JDG

CHD BY: JDG

SHEET: 1:1

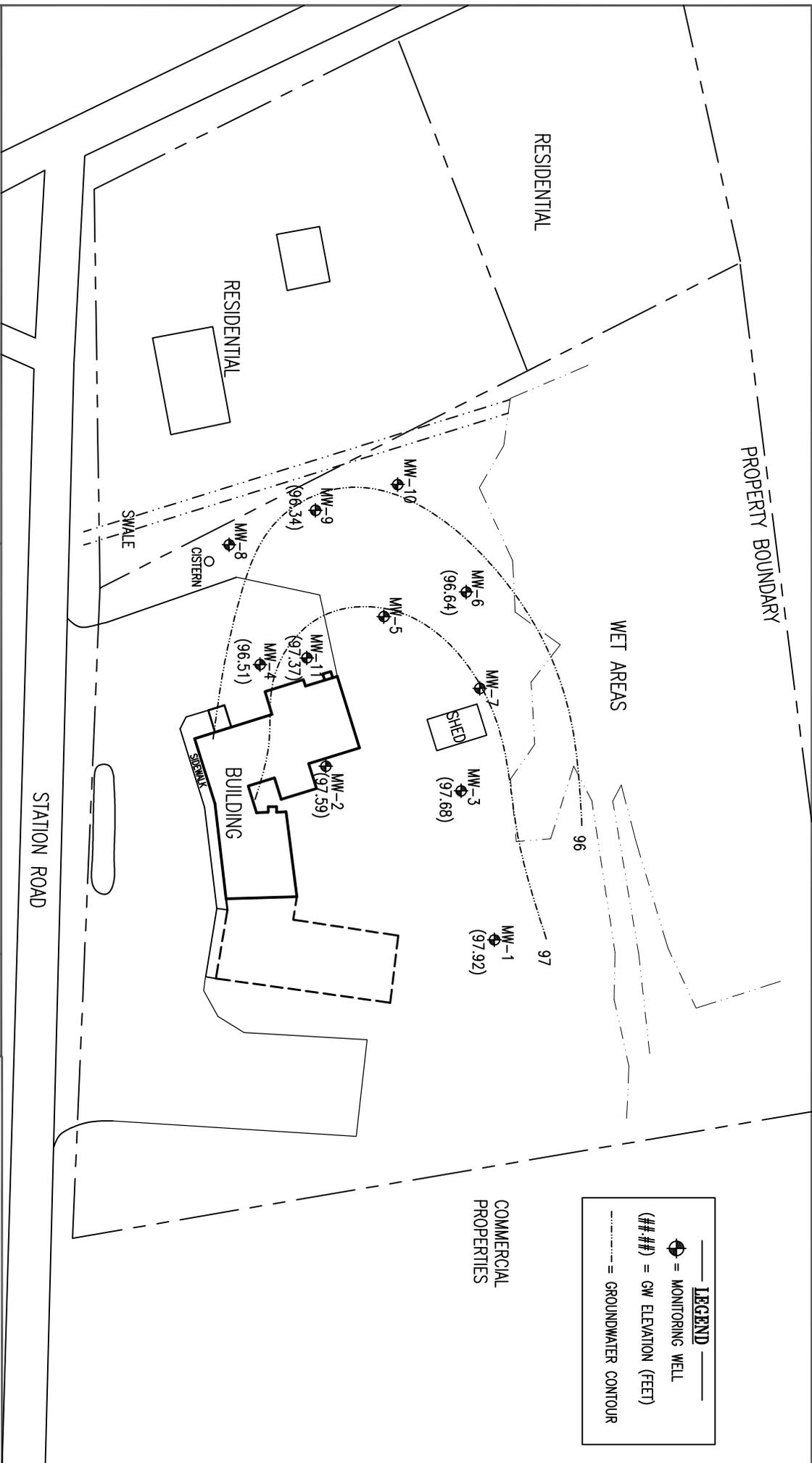
4/10/13

NOTE: MAPPING BASED ON PREVIOUS DES MAP & GIS DATA



GROUNDWATER CONTOUR MAP 20 STATION ROAD BROOKFIELD, CT

FIGURE 3:



ATTACHMENT B



Thursday, April 18, 2013

Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Project ID: 1954-20 STATION
Sample ID#s: BD58383 - BD58392

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58383

Project ID: 1954-20 STATION
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Volatiles						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

Client ID: MW-1

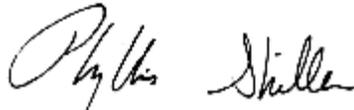
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	109		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	85		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	109		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	101		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58384

Project ID: 1954-20 STATION
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

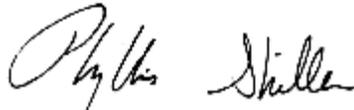
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	111		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	85		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	106		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	101		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58385

Project ID: 1954-20 STATION
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

Client ID: MW-3

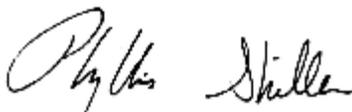
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	109		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	85		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	106		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	100		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58386

Project ID: 1954-20 STATION
Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

Client ID: MW-4

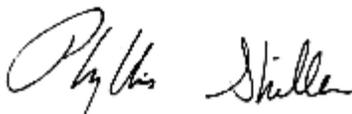
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	16	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	230	10.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	16	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	106		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	83		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	106		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	94		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58387

Project ID: 1954-20 STATION
Client ID: MW-6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Volatiles						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

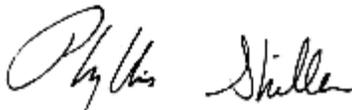
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	61	10.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	1.3	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	4.2	1.0	ug/L	04/13/13	H/T	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	110		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	85		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	107		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	101		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58388

Project ID: 1954-20 STATION
Client ID: MW-8

Table with 7 columns: Parameter, Result, RL/PQL, Units, Date/Time, By, Reference. Contains a list of volatile compounds and their test results.

Client ID: MW-8

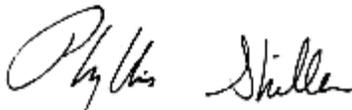
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	111		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	85		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	108		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	101		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58389

Project ID: 1954-20 STATION
Client ID: MW-9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/15/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/15/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/15/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/15/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/15/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/15/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/15/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/15/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/15/13	H/T	SW8260
Acetone	ND	25	ug/L	04/15/13	H/T	SW8260

Client ID: MW-9

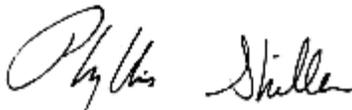
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/15/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/15/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/15/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/15/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/15/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/15/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/15/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
cis-1,2-Dichloroethene	1.3	1.0	ug/L	04/15/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/15/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/15/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/15/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/15/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/15/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/15/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/15/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/15/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/15/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/15/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/15/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/15/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/15/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/15/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/15/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/15/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/15/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/15/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	111		%	04/15/13	H/T	70 - 130 %
% Bromofluorobenzene	84		%	04/15/13	H/T	70 - 130 %
% Dibromofluoromethane	104		%	04/15/13	H/T	70 - 130 %
% Toluene-d8	101		%	04/15/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58390

Project ID: 1954-20 STATION
Client ID: MW-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

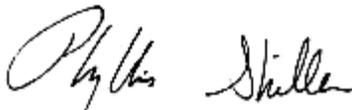
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	100	10.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	300	10.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	46	10.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	2.9	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	111		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	82		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	110		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	92		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58391

Project ID: 1954-20 STATION
Client ID: MW-11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

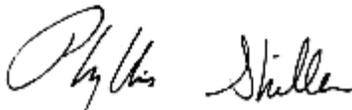
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	210	10.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	150	10.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	1.2	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	25	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	8.1	1.0	ug/L	04/13/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	111		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	84		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	106		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	92		%	04/13/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.

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

Analysis Report

April 18, 2013

FOR: Attn: Mr. Jeff Gworek
Diversified Environmental Svcs.
277A Captain Lewis Drive
Southington, CT 06489

Sample Information

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

Custody Information

Collected by: JG
Received by: LB
Analyzed by: see "By" below

Date

04/10/13
04/11/13

Time

0:00
16:39

Laboratory Data

SDG ID: GBD58383
Phoenix ID: BD58392

Project ID: 1954-20 STATION
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	04/13/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Acetone	ND	25	ug/L	04/13/13	H/T	SW8260

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	04/13/13	H/T	SW8260
Benzene	ND	0.70	ug/L	04/13/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/13/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	04/13/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/13/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/13/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/13/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/13/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	04/13/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Styrene	ND	1.0	ug/L	04/13/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	04/13/13	H/T	SW8260
Toluene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/13/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/13/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/13/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	04/13/13	H/T	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	108		%	04/13/13	H/T	70 - 130 %
% Bromofluorobenzene	87		%	04/13/13	H/T	70 - 130 %
% Dibromofluoromethane	104		%	04/13/13	H/T	70 - 130 %
% Toluene-d8	100		%	04/13/13	H/T	70 - 130 %

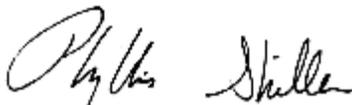
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED

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

April 18, 2013

Reviewed and Released by: Maryam Taylor, Project Manager



Environmental Laboratories, Inc.
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QA/QC Report

April 18, 2013

QA/QC Data

SDG I.D.: GBD58383

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 226527, QC Sample No: BD56823 (BD58386 (10X) , BD58387 (10X) , BD58389, BD58390 (10X) , BD58391 (10X))									
<u>Volatiles - Ground Water</u>									
1,1,1,2-Tetrachloroethane	ND	92	99	7.3	91	96	5.3	70 - 130	30
1,1,1-Trichloroethane	ND	87	97	10.9	92	96	4.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	90	93	3.3	97	98	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	97	97	0.0	94	92	2.2	70 - 130	30
1,1-Dichloroethane	ND	90	101	11.5	97	100	3.0	70 - 130	30
1,1-Dichloroethene	ND	93	104	11.2	89	100	11.6	70 - 130	30
1,1-Dichloropropene	ND	92	104	12.2	89	94	5.5	70 - 130	30
1,2,3-Trichlorobenzene	ND	98	105	6.9	98	99	1.0	70 - 130	30
1,2,3-Trichloropropane	ND	90	95	5.4	94	98	4.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	93	99	6.3	89	96	7.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	98	111	12.4	102	105	2.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	90	84	6.9	81	86	6.0	70 - 130	30
1,2-Dibromoethane	ND	92	92	0.0	93	93	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	88	94	6.6	90	92	2.2	70 - 130	30
1,2-Dichloroethane	ND	90	91	1.1	91	91	0.0	70 - 130	30
1,2-Dichloropropane	ND	91	96	5.3	92	94	2.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	94	108	13.9	100	105	4.9	70 - 130	30
1,3-Dichlorobenzene	ND	90	99	9.5	93	96	3.2	70 - 130	30
1,3-Dichloropropane	ND	93	97	4.2	94	96	2.1	70 - 130	30
1,4-Dichlorobenzene	ND	87	95	8.8	90	92	2.2	70 - 130	30
2,2-Dichloropropane	ND	86	98	13.0	93	96	3.2	70 - 130	30
2-Chlorotoluene	ND	93	106	13.1	96	100	4.1	70 - 130	30
2-Hexanone	ND	84	96	13.3	86	90	4.5	70 - 130	30
2-Isopropyltoluene	ND	92	105	13.2	98	101	3.0	70 - 130	30
4-Chlorotoluene	ND	91	102	11.4	95	101	6.1	70 - 130	30
4-Methyl-2-pentanone	ND	91	91	0.0	91	90	1.1	70 - 130	30
Acetone	ND	93	84	10.2	97	88	9.7	70 - 130	30
Acrylonitrile	ND	100	91	9.4	95	100	5.1	70 - 130	30
Benzene	ND	89	99	10.6	92	95	3.2	70 - 130	30
Bromobenzene	ND	89	94	5.5	90	93	3.3	70 - 130	30
Bromochloromethane	ND	87	99	12.9	111	103	7.5	70 - 130	30
Bromodichloromethane	ND	90	97	7.5	93	94	1.1	70 - 130	30
Bromoform	ND	97	95	2.1	97	97	0.0	70 - 130	30
Bromomethane	ND	120	106	12.4	59	92	43.7	70 - 130	30
Carbon Disulfide	ND	91	99	8.4	88	99	11.8	70 - 130	30
Carbon tetrachloride	ND	85	98	14.2	89	93	4.4	70 - 130	30
Chlorobenzene	ND	90	98	8.5	91	94	3.2	70 - 130	30
Chloroethane	ND	108	115	6.3	96	108	11.8	70 - 130	30
Chloroform	ND	86	98	13.0	95	97	2.1	70 - 130	30
Chloromethane	ND	97	103	6.0	88	93	5.5	70 - 130	30
cis-1,2-Dichloroethene	ND	93	100	7.3	91	97	6.4	70 - 130	30

m,r

QA/QC Data

SDG I.D.: GBD58383

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	92	96	4.3	90	92	2.2	70 - 130	30
Dibromochloromethane	ND	95	98	3.1	93	95	2.1	70 - 130	30
Dibromomethane	ND	91	91	0.0	89	88	1.1	70 - 130	30
Dichlorodifluoromethane	ND	112	120	6.9	85	94	10.1	70 - 130	30
Ethylbenzene	ND	91	103	12.4	96	99	3.1	70 - 130	30
Hexachlorobutadiene	ND	84	91	8.0	80	87	8.4	70 - 130	30
Isopropylbenzene	ND	96	112	15.4	98	105	6.9	70 - 130	30
m&p-Xylene	ND	96	109	12.7	100	104	3.9	70 - 130	30
Methyl ethyl ketone	ND	95	95	0.0	98	100	2.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	86	86	0.0	89	89	0.0	70 - 130	30
Methylene chloride	ND	92	98	6.3	93	97	4.2	70 - 130	30
Naphthalene	ND	97	98	1.0	88	96	8.7	70 - 130	30
n-Butylbenzene	ND	93	110	16.7	99	105	5.9	70 - 130	30
n-Propylbenzene	ND	96	110	13.6	97	101	4.0	70 - 130	30
o-Xylene	ND	97	105	7.9	102	106	3.8	70 - 130	30
p-Isopropyltoluene	ND	97	111	13.5	99	103	4.0	70 - 130	30
sec-Butylbenzene	ND	93	108	14.9	99	103	4.0	70 - 130	30
Styrene	ND	94	101	7.2	101	103	2.0	70 - 130	30
tert-Butylbenzene	ND	96	110	13.6	99	103	4.0	70 - 130	30
Tetrachloroethene	ND	88	99	11.8	86	94	8.9	70 - 130	30
Tetrahydrofuran (THF)	ND	97	91	6.4	90	92	2.2	70 - 130	30
Toluene	ND	88	98	10.8	92	95	3.2	70 - 130	30
trans-1,2-Dichloroethene	ND	92	104	12.2	92	99	7.3	70 - 130	30
trans-1,3-Dichloropropene	ND	97	98	1.0	96	95	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	99	105	5.9	104	104	0.0	70 - 130	30
Trichloroethene	ND	91	101	10.4	84	90	6.9	70 - 130	30
Trichlorofluoromethane	ND	96	109	12.7	84	97	14.4	70 - 130	30
Trichlorotrifluoroethane	ND	93	103	10.2	89	97	8.6	70 - 130	30
Vinyl chloride	ND	101	109	7.6	87	97	10.9	70 - 130	30
% 1,2-dichlorobenzene-d4	110	100	97	3.0	100	98	2.0	70 - 130	30
% Bromofluorobenzene	81	100	99	1.0	102	99	3.0	70 - 130	30
% Dibromofluoromethane	100	102	97	5.0	100	99	1.0	70 - 130	30
% Toluene-d8	100	100	101	1.0	103	101	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 226296, QC Sample No: BD58128 (BD58383, BD58384, BD58385, BD58386, BD58387, BD58388, BD58390, BD58391, BD58392)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	91	87	4.5	88	88	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	85	82	3.6	85	80	6.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	89	89	0.0	91	88	3.4	70 - 130	30
1,1,2-Trichloroethane	ND	97	93	4.2	94	91	3.2	70 - 130	30
1,1-Dichloroethane	ND	85	84	1.2	88	84	4.7	70 - 130	30
1,1-Dichloroethene	ND	83	81	2.4	82	82	0.0	70 - 130	30
1,1-Dichloropropene	ND	89	86	3.4	81	81	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	94	88	6.6	75	85	12.5	70 - 130	30
1,2,3-Trichloropropane	ND	92	89	3.3	91	90	1.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	92	86	6.7	77	82	6.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	99	95	4.1	91	90	1.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	88	87	1.1	77	81	5.1	70 - 130	30
1,2-Dibromoethane	ND	92	92	0.0	93	91	2.2	70 - 130	30
1,2-Dichlorobenzene	ND	90	86	4.5	84	83	1.2	70 - 130	30

QA/QC Data

SDG I.D.: GBD58383

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloroethane	ND	88	83	5.8	91	87	4.5	70 - 130	30
1,2-Dichloropropane	ND	88	88	0.0	88	85	3.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	96	91	5.3	89	89	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	93	87	6.7	85	84	1.2	70 - 130	30
1,3-Dichloropropane	ND	91	91	0.0	91	90	1.1	70 - 130	30
1,4-Dichlorobenzene	ND	90	85	5.7	82	83	1.2	70 - 130	30
2,2-Dichloropropane	ND	96	92	4.3	73	69	5.6	70 - 130	30
2-Chlorotoluene	ND	95	92	3.2	86	87	1.2	70 - 130	30
2-Hexanone	ND	85	88	3.5	85	85	0.0	70 - 130	30
2-Isopropyltoluene	ND	94	89	5.5	87	86	1.2	70 - 130	30
4-Chlorotoluene	ND	93	88	5.5	85	86	1.2	70 - 130	30
4-Methyl-2-pentanone	ND	88	89	1.1	90	89	1.1	70 - 130	30
Acetone	ND	84	86	2.4	88	90	2.2	70 - 130	30
Acrylonitrile	ND	88	94	6.6	96	92	4.3	70 - 130	30
Benzene	ND	84	83	1.2	85	83	2.4	70 - 130	30
Bromobenzene	ND	91	86	5.6	84	84	0.0	70 - 130	30
Bromochloromethane	ND	88	90	2.2	99	100	1.0	70 - 130	30
Bromodichloromethane	ND	91	89	2.2	90	88	2.2	70 - 130	30
Bromoform	ND	96	93	3.2	94	95	1.1	70 - 130	30
Bromomethane	ND	89	89	0.0	62	79	24.1	70 - 130	30
Carbon Disulfide	ND	67	65	3.0	75	75	0.0	70 - 130	30
Carbon tetrachloride	ND	89	83	7.0	84	81	3.6	70 - 130	30
Chlorobenzene	ND	88	84	4.7	85	82	3.6	70 - 130	30
Chloroethane	ND	94	91	3.2	92	94	2.2	70 - 130	30
Chloroform	ND	86	87	1.2	90	85	5.7	70 - 130	30
Chloromethane	ND	75	76	1.3	76	75	1.3	70 - 130	30
cis-1,2-Dichloroethene	ND	88	86	2.3	92	86	6.7	70 - 130	30
cis-1,3-Dichloropropene	ND	95	92	3.2	83	85	2.4	70 - 130	30
Dibromochloromethane	ND	96	92	4.3	92	90	2.2	70 - 130	30
Dibromomethane	ND	91	90	1.1	88	89	1.1	70 - 130	30
Dichlorodifluoromethane	ND	97	94	3.1	72	71	1.4	70 - 130	30
Ethylbenzene	ND	89	86	3.4	88	85	3.5	70 - 130	30
Hexachlorobutadiene	ND	90	84	6.9	72	75	4.1	70 - 130	30
Isopropylbenzene	ND	99	94	5.2	89	88	1.1	70 - 130	30
m&p-Xylene	ND	94	90	4.3	91	89	2.2	70 - 130	30
Methyl ethyl ketone	ND	85	92	7.9	89	88	1.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	84	83	1.2	86	88	2.3	70 - 130	30
Methylene chloride	ND	87	85	2.3	88	87	1.1	70 - 130	30
Naphthalene	ND	95	91	4.3	74	86	15.0	70 - 130	30
n-Butylbenzene	ND	96	93	3.2	87	85	2.3	70 - 130	30
n-Propylbenzene	ND	98	93	5.2	86	87	1.2	70 - 130	30
o-Xylene	ND	95	91	4.3	94	92	2.2	70 - 130	30
p-Isopropyltoluene	ND	100	94	6.2	87	87	0.0	70 - 130	30
sec-Butylbenzene	ND	94	90	4.3	87	85	2.3	70 - 130	30
Styrene	ND	93	87	6.7	94	91	3.2	70 - 130	30
tert-Butylbenzene	ND	99	94	5.2	88	89	1.1	70 - 130	30
Tetrachloroethene	ND	87	81	7.1	82	80	2.5	70 - 130	30
Tetrahydrofuran (THF)	ND	88	92	4.4	87	87	0.0	70 - 130	30
Toluene	ND	85	83	2.4	87	83	4.7	70 - 130	30
trans-1,2-Dichloroethene	ND	84	81	3.6	83	83	0.0	70 - 130	30
trans-1,3-Dichloropropene	ND	99	98	1.0	95	90	5.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	99	98	1.0	81	82	1.2	70 - 130	30
Trichloroethene	ND	89	86	3.4	82	79	3.7	70 - 130	30

QA/QC Data

SDG I.D.: GBD58383

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorofluoromethane	ND	91	86	5.6	81	80	1.2	70 - 130	30
Trichlorotrifluoroethane	ND	93	87	6.7	80	81	1.2	70 - 130	30
Vinyl chloride	ND	81	81	0.0	80	77	3.8	70 - 130	30
% 1,2-dichlorobenzene-d4	110	101	100	1.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	87	98	100	2.0	102	100	2.0	70 - 130	30
% Dibromofluoromethane	104	101	100	1.0	103	102	1.0	70 - 130	30
% Toluene-d8	100	99	100	1.0	102	101	1.0	70 - 130	30

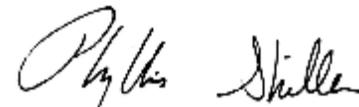
Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery 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
Intf - Interference



Phyllis Shiller, Laboratory Director
April 18, 2013

Sample Criteria Exceedences Report

Requested Criteria: GWP, SWP

GBD58383 - DES

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD58383	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58383	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58384	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58384	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58385	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58385	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58386	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58386	\$8260GWR	Trichloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	16	1.0	5	5	ug/L
BD58386	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58386	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	230	10.0	5	5	ug/L
BD58386	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / SWPC (µg/L)	230	10.0	88	88	ug/L
BD58387	\$8260GWR	Vinyl chloride	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	4.2	1.0	2	2	ug/L
BD58387	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58387	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58388	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58388	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58389	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58389	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58390	\$8260GWR	Vinyl chloride	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	2.9	1.0	2	2	ug/L
BD58390	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58390	\$8260GWR	cis-1,2-Dichloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	100	10.0	70	70	ug/L
BD58390	\$8260GWR	Trichloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	46	10.0	5	5	ug/L
BD58390	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58390	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	300	10.0	5	5	ug/L
BD58390	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / SWPC (µg/L)	300	10.0	88	88	ug/L
BD58391	\$8260GWR	Vinyl chloride	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	8.1	1.0	2	2	ug/L
BD58391	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58391	\$8260GWR	cis-1,2-Dichloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	210	10.0	70	70	ug/L
BD58391	\$8260GWR	Trichloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	25	1.0	5	5	ug/L
BD58391	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
BD58391	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	150	10.0	5	5	ug/L
BD58391	\$8260GWR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / SWPC (µg/L)	150	10.0	88	88	ug/L
BD58392	\$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
BD58392	\$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L

Sample Criteria Exceedences Report

GBD58383 - DES

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** DES

Project Location: 1954-20 STATION **Project Number:**

Laboratory Sample ID(s): BD58383, BD58384, BD58385, BD58386, BD58387, BD58388, BD58389, BD58390, BD58391, BD58392

Sampling Date(s): 4/10/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: VOA Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Thursday, April 18, 2013

Printed Name: Maryam Taylor

Position: Project Manager



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



RCP Certification Report

April 18, 2013

SDG I.D.: GBD58383

Volatile 8260 analysis:

The reporting level for Acrylonitrile is above the GWP criteria.

1,2-Dibromoethane does not meet GWP criteria, this compound is analyzed by GC/ECD to achieve this criteria.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 226296 (Samples: BD58383, BD58384, BD58385, BD58386, BD58387, BD58388, BD58390, BD58391, BD58392): -----

The LCS/LCSD recoveries are below the lower range, but within the method criteria. A slight low bias for these analytes is possible. (Carbon Disulfide)

Instrument: Chem02 04/12/13-2 (BD58383, BD58384, BD58385, BD58386, BD58387, BD58388, BD58390, BD58391, BD58392)

P-Side

(Initial Calibration RPP_0411):

All SPCCs, CCCs and >80% of target compounds met criteria except that the following compounds had %RSDs >20%: Trans-1,4-dichloro-2-butene, Naphthalene, 2-hexanone

Continuing Calibration Verification:

100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

Printed Name Tina Covensky

Position: Chemist

Date: 4/12/2013

Instrument: Chem02 04/15/13-1 (BD58386, BD58387, BD58389, BD58390, BD58391)

Initial Calibration Verification (CHEM02/RPP_0411):

96% of target compounds met criteria.

The following compounds had %RSDs >20%: 2-Hexanone (23%), Naphthalene (32%), trans-1,4-Dichloro-2-butene (27%)

Continuing Calibration Verification:

100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: None.

Printed Name Tina Covensky

Position: Chemist

Date: 4/15/2013



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RCP Certification Report

April 18, 2013

SDG I.D.: GBD58383

QC (Batch Specific)

----- Sample No: BD56823, QA/QC Batch: 226527 -----

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BD58128, QA/QC Batch: 226296 -----

All LCS recoveries were within 70 - 130 with the following exceptions: Carbon Disulfide(67%)

All LCSD recoveries were within 70 - 130 with the following exceptions: Carbon Disulfide(65%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

60w/cap

Temp _____ Pg _____ of _____

Data Delivery:
 Fax # _____
 Email: _____

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726



Customer: DIVERSIFIED ENV. SVCS Project P.O.: 1454-20 STATION
 Address: 277A CAPTAIN LEWIS DR Report to: J. GUOPEK
SOUTHINGTON, CT 06489 Invoice to: RES
 Phone #: _____ Fax #: _____

Sampler's Signature: _____ Date: 4-10-13
 Client Sample Information - Identification

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
58383	MW-1	GW	4-10-13	
58384	MW-2			
58385	MW-3			
58386	MW-4			
58387	MW-6			
58388	MW-8			
58389	MW-9			
58390	MW-10			
58391	MW-11			
58392	TRIP BLANK			

Requisitioned by: _____ Accepted by: [Signature]
 Date: 4/11/13 Time: 14:30
4/11/13 16:39
 Turnaround:
 1 Day*
 2 Days*
 3 Days*
 Standard
 Other
 * SURCHARGE APPLIES

Analysis Request: VOCs, P260

Analysis Request: 2

RI: Direct Exposure (Residential) GW Other

CT: RCP Cert GW Protection SW Protection GA Mobility GB Mobility Residential DEC I/C DEC Other

MA: MCP Certification GW-1 GW-2 GW-3 S-1 S-2 S-3 MWRA eSMART Other

Data Format: Excel PDF GIS/Key EQUIS Other

Data Package: Tier II Checklist Full Data Package* Phoenix Std Report Other

* SURCHARGE APPLIES

State where samples were collected: CT

Comments, Special Requirements or Regulations: