

# C<sub>2</sub>G Environmental Consultants, LLC

## Subsurface Investigation Report Mobile Media Storage 24 Center Street Pine Bush, NY 12566



### **Prepared For:**

Mr. Lance Pennington  
Mobile Media Storage  
P.O. Box 177  
Pine Bush, NY 12566

### **Prepared By:**

C<sub>2</sub>G Environmental Consultants, LLC  
83 South Putt Corners Road  
New Paltz, NY 12561  
845-255-4900

September 2015

# C<sub>2</sub>G Environmental Consultants, LLC

Subsurface Investigation Report

24 Center Street, Pine Bush, NY

## EXECUTIVE SUMMARY

In September 2013, C<sub>2</sub>G performed a Phase I ESA for the subject site. The Phase I ESA identified several RECs associated with the subject site.

Between November 2014 and January 2015, William L. Going & Associates, Inc. (WGA) performed a Phase II ESA to investigate the identified RECs. During Phase II ESA activities, four (4) two-inch (2") diameter groundwater monitoring wells (MW-1 through MW-4) were installed at the subject site. In January 2015, WGA collected groundwater samples from the monitoring wells. Analytical results indicated VOC (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) concentrations exceeding NYSDEC Guidance Values in the groundwater samples collected from MW-1, MW-2, and MW-3, with the highest concentrations observed in the vicinity of the east end of the subject building (MW-2).

On September 1, 2015, C<sub>2</sub>G performed Geoprobe subsurface investigation activities in order to further investigate/delineate groundwater VOC concentrations discovered during previous subsurface investigation activities performed by WGA. A total of four (4) soil borings (TW-1 through TW-4) were installed utilizing a Geoprobe. Groundwater was encountered within all four (4) soil borings at depths ranging from approximately seven (7) to eleven and one-half (11.5) feet below grade. All four (4) soil borings were converted into one-inch (1") diameter groundwater monitoring wells. On September 1, 2015, a total of eight (8) groundwater samples were collected from the monitoring wells at the subject site. One (1) groundwater sample was collected from each of the two-inch (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample was collected from each of the one-inch (1") diameter monitoring wells TW-1 through TW-4.

Laboratory analytical results of the groundwater samples collected from the two-inch (2") diameter monitoring wells MW-1 through MW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) above NYSDEC Guidance Values in MW-1 and MW-2. TCE concentrations ranged from non-detect in MW-4 to 1,400 ppb in MW-2.

Laboratory analytical results of the groundwater samples collected from the one-inch (1") diameter monitoring wells TW-1 through TW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), MTBE, Chloroform, and/or 1,2-Dichloroethane) above NYSDEC Guidance Values. TCE concentrations ranged from non-detect in TW-4 to 3,400 ppb in TW-1.

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Based on field observations, PID readings, and laboratory analytical results of groundwater sampling activities, groundwater VOC concentrations exceeding NYSDEC Guidance Values were confirmed. The heaviest concentrations were detected in the vicinity of the east end of the subject building. With approval of the NYSDEC, C<sub>2</sub>G recommends conducting a subsurface investigation within the footprint of the subject building with the installation of concrete core boring(s) in the shop area to allow installation of additional groundwater monitoring well(s) to evaluate VOC concentrations beneath the subject building. Based on VOC levels (if encountered) beneath the subject building & the current groundwater impacts, further determination will be able to be made in regards to former on-site (in subject building) operations or potential migration of off-site impacts. In addition to the interior core borings and sampling, C2G recommends dye testing any existing floor drains identified in the Phase I to determine the outfalls. If able to be determined, sampling of the outfall locations should be performed.

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## **REPORT SPECIFICATIONS**

Copies and circulation of this report are as follows:

One (1) Original report to:

Mr. Lance Pennington  
Mobile Media Storage  
P.O. Box 177  
Pine Bush, NY 12566

One (1) Original report to:

Mr. John O'Mara  
NYSDEC, Region 3  
83 South Putt Corners Road  
New Paltz, NY 12561

One (1) Original report to:

Confidential client file at C<sub>2</sub>G Environmental Consultants, LLC.

This report is prepared for the exclusive use of parties noted above and is considered private and strictly confidential. C<sub>2</sub>G Environmental Consultants, LLC shall not release this report or any of the findings of this report to any person or agency except with the authorization of the principal parties noted above.



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## LIMITATIONS

The findings and conclusions set forth in this report are based upon information that was available to, during its inspection/action of the property and after review of selected records and documents. If new information becomes available concerning the property after this date, or if the property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this work was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, C<sub>2</sub>G cannot guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject the owner and/or operator to potential liability. Future events and/or investigation could change the findings stated herein. Should additional investigations encounter differing conditions, sections of this report may require modification.

The ensuing Environmental Assessment is subject to the following conditions and to such other conditions and limiting conditions as are set forth in the report.

1. C<sub>2</sub>G assumes no responsibility for hidden or latent conditions or misrepresentation by the property owner, his/her representatives, public information officials or any authority consulted in connection with the compilation of this report.
2. This report is prepared for the sole and explicit purpose for assessing the potential liability with respect to the presence of hazardous materials that may pose a potential health or environmental threat and for evaluating collateral risk associated with the same. This report is not intended to have any direct bearing on the value of the property.
3. The Environmental Assessment is for the sole use of the principal parties. No disclosure or reproduction shall be made of this report without the prior written consent of C<sub>2</sub>G.
4. C<sub>2</sub>G or any representative of C<sub>2</sub>G is not required to give testimony with reference to the opinions expressed herein without prior written arrangement.

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## DISCLAIMER

C<sub>2</sub>G assumes no liability for the use of this report by any person or entity other than the client for whom it has been prepared.

The accuracy of presenting the findings of this remedial action was considered of paramount importance during the formulation of this report. The report's accuracy is limited to the information available from interviews, records, files and plans released by the property owner and/or his representatives and/or the respective regulatory agencies, their attorneys and information officers. The above mentioned parties' interest in issues presented herein is unknown to C<sub>2</sub>G Environmental Consultants, LLC.

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C<sub>2</sub>G Environmental Consultants, LLC  
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# C<sub>2</sub>G Environmental Consultants, LLC

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### Appendix C: Site Photos

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September 23, 2015

Mr. Lance Pennington  
Mobile Media Storage  
P.O. Box 177  
Pine Bush, NY 12566

**Re: Subsurface Investigation Report**  
**Mobile Media Storage**  
**24 Center Street**  
**Pine Bush, NY 12566**

Dear Mr. Pennington:

Please find enclosed a copy of the subsurface investigation report documenting the environmental activities performed at the above referenced site by C<sub>2</sub>G Environmental Consultants, LLC on September 1, 2015

Thank you for the opportunity to work with you on this project. If you have questions or concerns, please feel free to contact our office.

Sincerely,



Louis J. Mastro  
*Director of Environmental Services*  
C<sub>2</sub>G Environmental Consultants, LLC.

# C<sub>2</sub>G Environmental Consultants, LLC

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## **1.0 INTRODUCTION**

### **1.1 Background**

In September 2013, C<sub>2</sub>G Environmental Consultants, LLC (C<sub>2</sub>G) performed a Phase I Environmental Site Assessment (ESA) for the property located at 24 Center Street, Pine Bush, NY 12566. The Phase I ESA identified several recognized environmental conditions (RECs) associated with the subject property. As such, C<sub>2</sub>G recommended additional investigation activities to determine if the subsurface conditions at the subject property had been adversely affected by the identified RECs.

Between November 2014 and January 2015, William L. Going & Associates, Inc. (WGA) performed Phase II ESA activities to investigate the identified RECs. During Phase II ESA activities, four (4) two-inch (2") diameter groundwater monitoring wells (MW-1 through MW-4) were installed at the subject site. In January 2015, WGA collected groundwater samples from the monitoring wells. Analytical results indicated VOC (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) concentrations exceeding NYSDEC Guidance Values in the groundwater samples collected from MW-1, MW-2, and MW-3, with the highest concentrations observed in the vicinity of the east end of the subject building (MW-2).

In September 2015, C<sub>2</sub>G performed Geoprobe subsurface investigation and site assessment activities at the subject site. The purpose of this investigation was to further investigate/delineate groundwater VOC concentrations discovered during previous subsurface investigation activities performed by WGA. This report documents a site history search, Geoprobe soil boring installation, groundwater monitoring well installation, and groundwater sampling activities. Laboratory analytical data of groundwater sampling is included in the Appendices.

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## **2.0 SCOPE OF WORK**

The objective of this investigation as well as the methods employed during the field activities are summarized as follows:

1. Investigation of subject property's history through a review of pertinent historical documents and databases.
2. Installation of Geoprobe soil borings to assess soil and groundwater conditions in areas of interest.
3. Field screening of Geoprobe soil borings utilizing a properly calibrated Photo Ionization Detector (PID) for volatile organic compounds (VOCs).
4. Conversion of soil borings into one-inch (1") diameter temporary groundwater monitoring wells.
5. The collection of groundwater samples and analysis of samples by a New York State Department of Health (NYSDOH) and New York State Department of Environmental Conservation (NYSDEC) certified laboratory.
6. Generate a Subsurface Investigation Report based on site activities, observations, and analytical findings.

The scope of work was designed in accordance with the guidelines set forth in the New York State Department of Environmental Conservation (NYSDEC) TOGS Guidance.

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## 3.0 SITE DESCRIPTION

### 3.1 Site Description

The subject site consists of one (1) commercial building utilized as office space and a warehouse for the assembly of high-density shelving systems. Surrounding areas are primarily mixed commercial and residential properties. The subject property is located to the east of Center Street in Pine Bush, NY. A site location map is attached as Figure 1 and a site diagram depicting the locations of groundwater monitoring wells is attached as Figure 2.

### 3.2 Site Topography

The local land surface of the subject site is relatively level throughout.

### 3.3 Sensitive Receptor Information

Sensitive receptors were noted in the immediate vicinity of the subject property. The site is serviced by municipal water. Groundwater was encountered within the soil borings at depths ranging from approximately seven (7) to eleven and one-half (11.5) feet below grade. During previous subsurface investigation activities performed by WGA, groundwater flow direction was determined to have a gentle slope to the southwest. Based on depth to groundwater measurements recorded by C<sub>2</sub>G in September 2015, groundwater flow direction is calculated to slope to the southeast. Please refer to Figure 3 for a depiction of groundwater elevations.

### 3.4 Site Geology

Soils within the Geoprobe soil borings consisted predominantly of silty sand and fine to coarse grain sands. A dense clay layer was encountered within the Geoprobe soil borings at depths ranging from approximately thirteen and one-half (13.5) to eighteen (18) feet below grade. Refusal was not encountered within the Geoprobe soil borings at the maximum depths ranging from approximately fifteen (15) to twenty (20) feet below grade.



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## 4.0 INVESTIGATION ACTIVITIES

Geoprobe subsurface investigation activities were performed on September 1, 2015. This section describes these activities, including measures to minimize health and safety risks.

### 4.1 Risk Minimization Practices

In order to minimize risk to the public, a C<sub>2</sub>G technician monitored vapor hazards throughout on-site activities with a properly calibrated Mini Rae Photo Ionization Detector (PID). The PID was calibrated for benzene using a 100 parts per million (ppm) isobutylene standard according to the manufacturer's instructions and was fully charged prior to use. Fire extinguishing equipment was readily available at the site.

### 4.2 Site History Search

Based on interviews conducted by C<sub>2</sub>G during September 2013 Phase I ESA activities, the subject site was formerly utilized for the manufacturing of silk neckties. Based on a review of records maintained by the Orange County Clerk's Office, the subject site was owned by Marietta Silk Company between March 1924 and February 1953 and by Mastercraft Cravat Co. between March 1957 and September 1959. Furthermore, based on a review of a Sanborn Fire Insurance Map dated 1937, the subject building is occupied by Marietta Silk Company.

### 4.3 Subsurface Investigation Activities

C<sub>2</sub>G Environmental Consultants, LLC (C<sub>2</sub>G) performed Geoprobe subsurface investigation activities on September 1, 2015. The purpose of this investigation was to further investigate/delineate groundwater VOC concentrations discovered during previous subsurface investigation activities performed by WGA. A total of four (4) soil borings (TW-1 through TW-4) were installed utilizing a Geoprobe. Refusal was not encountered within the Geoprobe soil borings at the maximum depths ranging from approximately fifteen (15) to twenty (20) feet below grade.

Soils from TW-1 through TW-4 were field screened with a properly calibrated Mini Rae PID. The PID was calibrated for benzene using a 100 ppm isobutylene standard according to the manufacturer's instructions and was fully charged prior to use. Please see the table below for a description of each soil boring.

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## Description of Geoprobe Soil Borings:

Core	Depth	Description	PID
TW-1	0 – 2 feet	No Recovery	N/A
	2 – 3 feet	Dark Brown Sandy Loam and Pebbles	0.8 ppm
	3 – 4 feet	Dark Brown and Light Brown Sandy Clay	0.0 ppm
	4 – 5 feet	Brown Medium Sand	0.0 ppm
	5 – 6 feet	No Recovery	N/A
	6 – 8 feet	Light Brown and Orange Medium to Coarse Sand	0.0 ppm
	8 – 10 feet	Brown Fine Silty Sand – Wet	1.3 – 12.3 ppm
	10 – 11 feet	No Recovery	N/A
	11 – 12 feet	Brown Clay – Wet	3.4 – 27.6 ppm
	12 – 13 feet	Light Brown Silty Sand – Wet	23.7 ppm
	13 – 14 feet	Light Brown Silty Clay – Wet	27.4 ppm
	14 – 15 feet	Light Brown and Gray Silty Sand – Wet	21.9 ppm
	15 – 16 feet	No Recovery	N/A
	16 – 17.5 feet	Light Gray Silty Clay – Wet	0.2 – 15.3 ppm
	17.5 – 18 feet	Light Gray Silty Clay	0.0 ppm
TW-2	0 – 2 feet	No Recovery	N/A
	2 – 3 feet	Brown Sandy Loam	0.0 ppm
	3 – 4 feet	Light Brown Medium Sand	0.0 ppm
	4 – 5 feet	Light Brown Fine to Medium Sand	0.0 ppm
	5 – 6 feet	Brown and Gray Medium Sand	0.0 ppm
	6 – 6.5 feet	Brown Silty Sand – Wet	0.0 ppm
	6.5 – 7.5 feet	Brown Clay	0.8 – 1.5 ppm
	7.5 – 9 feet	Light Brown and Gray Medium Sand	4.3 – 7.1 ppm
	9 – 10 feet	Light Brown and Gray Medium Sand – Wet	15.0 – 29.0 ppm
	10 – 10.5 feet	No Recovery	N/A
	10.5 – 11 feet	Light Brown and Gray Silty Clay	3.8 ppm
	11 – 12 feet	Light Brown and Gray Silty Sand – Wet	0.0 ppm
	12 – 15 feet	Light Brown and Gray Fine Sand – Wet	0.8 – 2.8 ppm
	15 – 17 feet	No Recovery	N/A
	17 – 18 feet	Gray Silty Clay	0.0 ppm
	18 – 20 feet	Gray Clay	0.0 ppm

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TW-3	0 – 1.5 feet	No Recovery	N/A
	1.5 – 3 feet	Light Brown and Brown Sandy Loam	0.0 ppm
	3 – 5 feet	Light Brown/Orange/White Medium to Coarse Sand	0.0 ppm
	5 – 6 feet	No Recovery	N/A
	6 – 8.5 feet	Light Brown Fine Sand	0.0 ppm
	8.5 – 10 feet	Light Brown Fine Sand – Wet	0.5 ppm
	10 – 10.5 feet	Brown Medium Sand	1.6 ppm
	10.5 – 11.5 feet	Light Brown Sandy Clay – Wet	2.1 ppm
	11.5 – 13.5 feet	Gray Fine Silty Sand – Wet	2.1 – 6.9 ppm
	13.5 – 15 feet	Gray Clay	0.0 ppm
TW-4	0 – 2 feet	No Recovery	N/A
	2 – 3 feet	Dark Brown Sandy Loam	0.0 ppm
	3 – 3.5 feet	Dark Brown and Brown Sandy Clay	0.0 ppm
	3.5 – 5 feet	Dark Brown and Brown Fine to Medium Sand	0.0 ppm
	5 – 6.5 feet	No Recovery	N/A
	6.5 – 8 feet	Dark Brown Fine Sand	0.0 ppm
	8 – 8.5 feet	Brown and Gray Clay	0.0 ppm
	8.5 – 9.5 feet	Brown Fine Silty Sand	0.0 ppm
	9.5 – 10 feet	Dark Brown Coarse Sand	0.0 ppm
	10 – 11.5 feet	No Recovery	N/A
	11.5 – 13 feet	Dark Brown and White Coarse Sand – Wet	0.0 ppm
	13 – 15 feet	Dark Brown and White Fine Sand – Wet	0.0 ppm
	15 – 17 feet	Dark Brown Fine Sand – Wet	0.0 ppm
	17 – 18 feet	Brown Fine Silty Sand – Wet	0.0 ppm
	18 – 20 feet	Brown and Gray Clay	0.0 ppm

Groundwater was encountered within all four (4) soil borings at depths ranging from approximately seven (7) to eleven and one-half (11.5) feet below grade. All four (4) soil borings were subsequently converted into one-inch (1") diameter groundwater monitoring wells. On September 1, 2015, C<sub>2</sub>G collected a total of eight (8) groundwater samples from the monitoring wells at the subject site. One (1) groundwater sample was collected from each of the two-inch (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample was collected from each of the one-inch (1") diameter monitoring wells TW-1 through TW-4. Groundwater sample collection and results are outlined in Section 5.1 of this report. Please refer to Figure 2 for a depiction of monitoring well locations.

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## 5.0 SAMPLING AND ANALYSIS

### 5.1 Groundwater Sample Collection & Results

On September 1, 2015, a total of eight (8) groundwater samples were collected from the monitoring wells at the subject site. One (1) groundwater sample was collected from each of the two-inch (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample was collected from each of the one-inch (1") diameter monitoring wells TW-1 through TW-4. The groundwater samples were collected using designated bailers. Each groundwater sample was collected in three (3) – 40ml vials preserved in Hydrochloric Acid and was delivered directly to Phoenix Labs of Manchester, CT for analysis. The samples were analyzed by EPA Method 8260 (VOCs). The laboratory analysis and Chain of Custody documentation can be found in Appendix D. Please refer to Table 1 for a summary of the analytical results from groundwater sampling activities.

Laboratory analytical results of the groundwater samples collected from the two-inch (2") diameter monitoring wells MW-1 through MW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) above NYSDEC Guidance Values in MW-1 and MW-2. TCE concentrations ranged from non-detect in MW-4 to 1,400 parts per billion (ppb) in MW-2.

Laboratory analytical results of the groundwater samples collected from the one-inch (1") diameter monitoring wells TW-1 through TW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), MTBE, Chloroform, and/or 1,2-Dichloroethane) above NYSDEC Guidance Values. TCE concentrations ranged from non-detect in TW-4 to 3,400 ppb in TW-1.



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## 6.0 SUMMARY AND RECOMMENDATIONS

### 6.1 Summary

In September 2013, C<sub>2</sub>G performed a Phase I ESA for the subject site. The Phase I ESA identified several RECs associated with the subject site.

Between November 2014 and January 2015, William L. Going & Associates, Inc. (WGA) performed a Phase II ESA to investigate the identified RECs. During Phase II ESA activities, four (4) two-inch (2") diameter groundwater monitoring wells (MW-1 through MW-4) were installed at the subject site. In January 2015, WGA collected groundwater samples from the monitoring wells. Analytical results indicated VOC (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) concentrations exceeding NYSDEC Guidance Values in the groundwater samples collected from MW-1, MW-2, and MW-3, with the highest concentrations observed in the vicinity of the east end of the subject building (MW-2).

On September 1, 2015, C<sub>2</sub>G performed Geoprobe subsurface investigation activities in order to further investigate/delineate groundwater VOC concentrations discovered during previous subsurface investigation activities performed by WGA. A total of four (4) soil borings (TW-1 through TW-4) were installed utilizing a Geoprobe. Groundwater was encountered within all four (4) soil borings at depths ranging from approximately seven (7) to eleven and one-half (11.5) feet below grade. All four (4) soil borings were converted into one-inch (1") diameter groundwater monitoring wells. On September 1, 2015, a total of eight (8) groundwater samples were collected from the monitoring wells at the subject site. One (1) groundwater sample was collected from each of the two-inch (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample was collected from each of the one-inch (1") diameter monitoring wells TW-1 through TW-4.

Laboratory analytical results of the groundwater samples collected from the two-inch (2") diameter monitoring wells MW-1 through MW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), and/or MTBE) above NYSDEC Guidance Values in MW-1 and MW-2. TCE concentrations ranged from non-detect in MW-4 to 1,400 ppb in MW-2.

Laboratory analytical results of the groundwater samples collected from the one-inch (1") diameter monitoring wells TW-1 through TW-4 on September 1, 2015 did detect several VOC constituents (Trichloroethylene (TCE), Tetrachloroethylene (PERC), MTBE, Chloroform, and/or 1,2-Dichloroethane) above NYSDEC Guidance Values. TCE concentrations ranged from non-detect in TW-4 to 3,400 ppb in TW-1.

# C<sub>2</sub>G Environmental Consultants, LLC

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## 6.2 Recommendations

Based on field observations, PID readings, and laboratory analytical results of groundwater sampling activities, groundwater VOC concentrations exceeding NYSDEC Guidance Values were confirmed. The heaviest concentrations were detected in the vicinity of the east end of the subject building. With approval of the NYSDEC, C<sub>2</sub>G recommends the following:

- Conduct a subsurface investigation within the footprint of the subject building with the installation of concrete core boring(s) in the shop area to allow installation of additional groundwater monitoring well(s) to evaluate VOC concentrations beneath the subject building. Based on VOC levels (if encountered) beneath the subject building & the current groundwater impacts, further determination will be able to be made in regards to former on-site (in subject building) operations or potential migration of off-site impacts.
- In addition to the interior core borings and sampling, C<sub>2</sub>G recommends dye testing any existing floor drains identified in the Phase I to determine the outfalls. If able to be determined, sampling of the outfall locations should be performed.

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## **FIGURES**

# C<sub>2</sub>G Environmental Consultants, LLC

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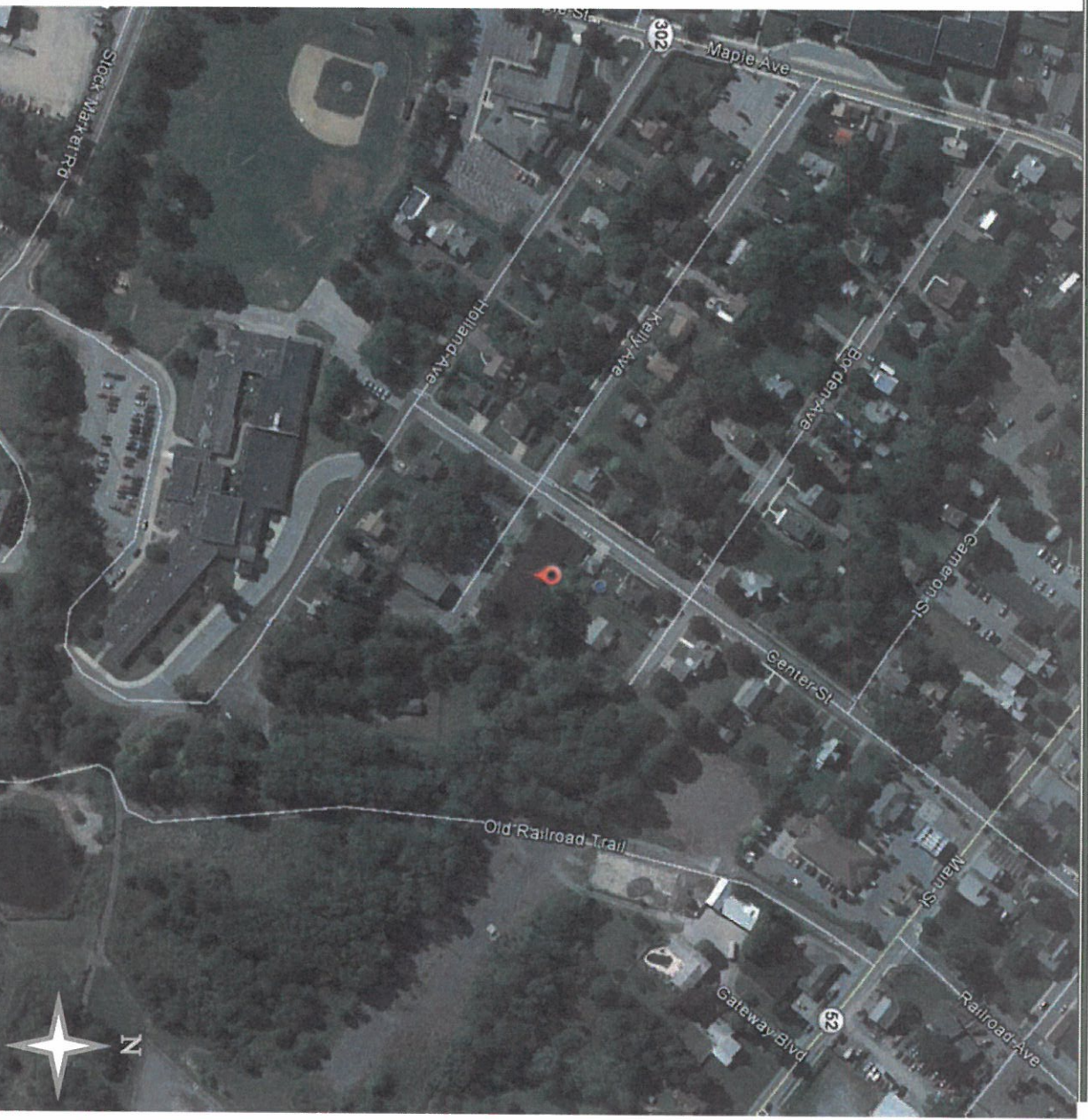


Figure 1: Site Location Map



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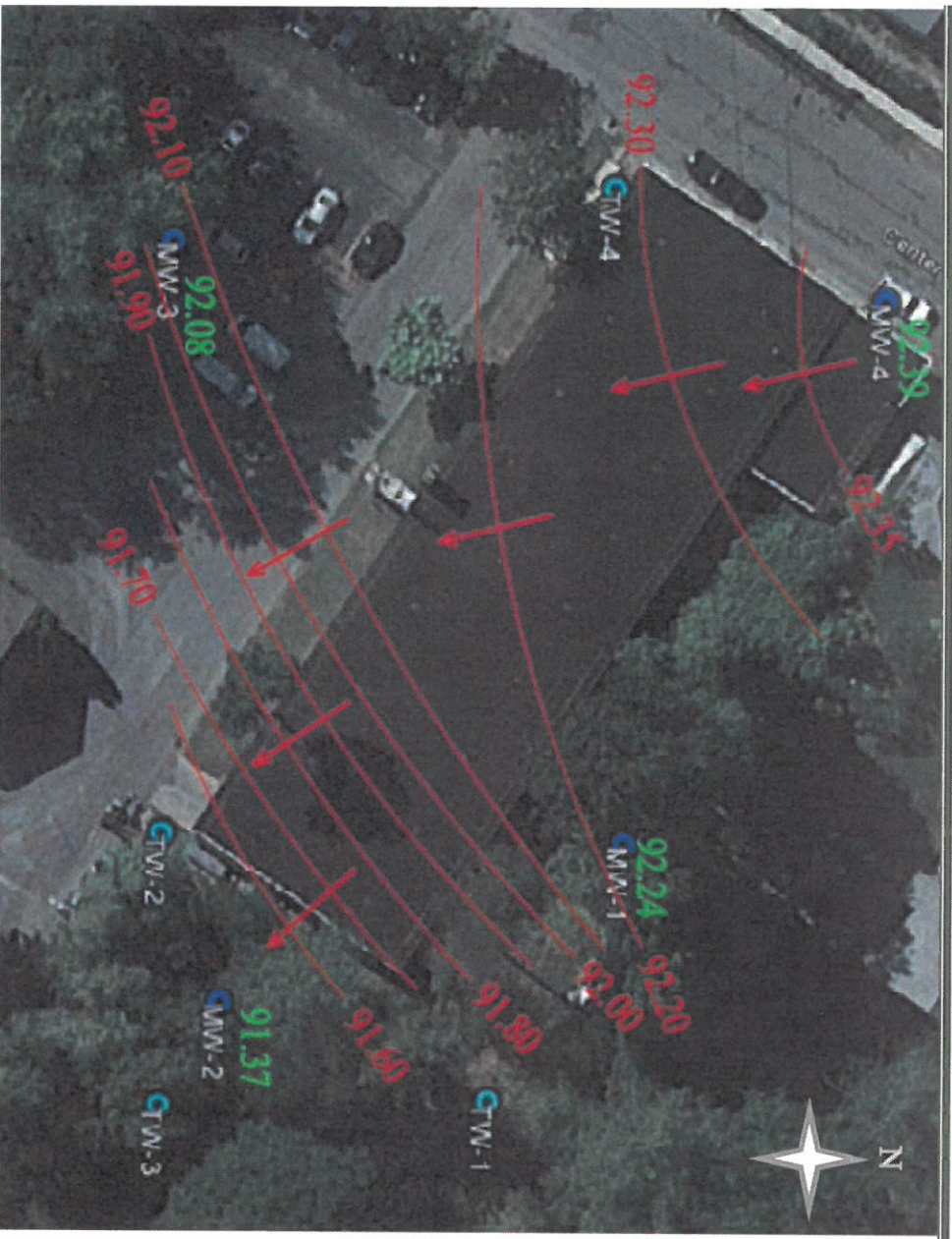


Figure 2: Groundwater Monitoring Well Location Map

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**Figure 3: Groundwater Contour/Flow Direction Map – September 2015**

Note: Groundwater elevations based on depth to groundwater measurements collected by C<sub>2</sub>G on September 1, 2015 and top of well casing elevations measured by WGA in January 2015 using an arbitrary top of casing elevation of 100 feet for MW-3.

# **C<sub>2</sub>G Environmental Consultants, LLC**

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## **TABLES**



C2G Environmental Consultants, LLC  
83 South Putt Corners Road  
New Paltz, NY-12561

**Site Loc:**  
Mobile Media Storage  
24 Center Street  
Pine Bush, NY

**Customer/Address**  
Mobile Media Storage  
P.O. Box 177  
Pine Bush, NY

**Table 1: Groundwater Monitoring Well Water Sample Data Summary**

ANALYTICAL PARAMETERS EPA METHOD 8260	NYSDEC Groundwater Standard (ppb)	MW-1 9/1/15 (ppb)	MW-2 9/1/15 (ppb)	MW-3 9/1/15 (ppb)	MW-4 9/1/15 (ppb)	TW-1 9/1/15 (ppb)	TW-2 9/1/15 (ppb)	TW-3 9/1/15 (ppb)	TW-4 9/1/15 (ppb)
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND* <250	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,3-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2-Dibromomethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND* <300	0.79	ND
cis-1,2-Dichloroethylene	5	3.5	1.8	ND	ND	1.9	ND* <500	1.1	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,3-Dichloropropylene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Benzene	0.7	ND	ND	ND	ND	ND	ND* <350	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND* <250	ND	ND
Bromoform	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Chloroethane	50	ND	ND	ND	ND	ND	ND* <500	ND	ND
Chloroform	7	ND	1.5	1.4	ND	ND	ND* <500	ND	11
Chloromethane	5	ND	1.1	ND	ND	ND	ND* <500	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND	ND	ND* <250	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND* <200	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
MTBE	10	8.6	38	ND	ND	24	ND* <500	3.8	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND* <500	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Total Xylenes	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Tetrachloroethylene	5	18	7.7	ND	ND	72	ND* <500	2.6	ND
Toluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Trichloroethylene	5	860	1,400	2.4	ND	1,400	1,000	180	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND* <500	ND	ND

**Notes:**

- All data/sample results are recorded in micrograms-per-liter (µg/l)/parts per billion (ppb).
- Samples tested by EPA Method 8260 per NYSDEC TOGS Guidance
- ND = Not Detected (Compound analyzed but not detected) Detection limits may vary
- The guidance values used were adopted by the NYSDEC Policy TOGS
- Analytical results above NYSDEC TOGS Guidance Values are displayed with a red background.

\* An elevated RL was reported.

# **C<sub>2</sub>G Environmental Consultants, LLC**

Subsurface Investigation Report

24 Center Street, Pine Bush, NY

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## **SITE PHOTOS**



# C<sub>2</sub>G Environmental Consultants, LLC

Subsurface Investigation Report

24 Center Street, Pine Bush, NY



Installation of TW-1



TW-1 Installed



# C<sub>2</sub>G Environmental Consultants, LLC

Subsurface Investigation Report

24 Center Street, Pine Bush, NY



Installation of TW-2



TW-2 Installed



# C<sub>2</sub>G Environmental Consultants, LLC

Subsurface Investigation Report

24 Center Street, Pine Bush, NY



Installation of TW-3



TW-3 Installed



# C<sub>2</sub>G Environmental Consultants, LLC

Subsurface Investigation Report

24 Center Street, Pine Bush, NY



Installation of TW-4



TW-4 Installed

# **C<sub>2</sub>G Environmental Consultants, LLC**

Subsurface Investigation Report

24 Center Street, Pine Bush, NY

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## **LABORATORY ANALYTICAL DATA**





Wednesday, September 09, 2015

Attn: Mr. Caleb Mall  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

Project ID: N4931 MOBILE MEDIA  
Sample ID#s: BJ86394 - BJ86401

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,

  
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

September 09, 2015

FOR: Attn: Mr. Caleb Mall  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

## Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

## Custody Information

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

## Date

09/01/15  
09/03/15

## Time

14:35  
17:17

## Laboratory Data

SDG ID: GBJ86394  
Phoenix ID: BJ86394

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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## Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C

Parameter	Result	RL/ POL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	3.5	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	8.6	1.0	ug/L	1	09/04/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	18	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	860	100	ug/L	100	09/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	98		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	09/04/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-1

Phoenix I.D.: BJ86394

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	106		%	1	09/04/15	MH	70 - 130 %

<sup>1</sup> = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President





# Environmental Laboratories, Inc.

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

## Analysis Report

September 09, 2015

FOR: Attn: Mr. Caleb Mail  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

### Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

### Custody Information

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

### Laboratory Data

SDG ID: GBJ86394  
Phoenix ID: BJ86395

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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### Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C



Parameter	Result	RL/ POL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	1.5	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	1.1	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	1.8	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	38	10	ug/L	10	09/05/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	7.7	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	1400	100	ug/L	100	09/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	100		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	97		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	09/04/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-2

Phoenix I.D.: BJ86395


Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	106		%	1	09/04/15	MH	70 - 130 %

<sup>1</sup> = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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Phyllis Shiller, Laboratory Director  
September 09, 2015  
Reviewed and Released by: Bobbi Aloisa, Vice President



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



# Analysis Report

September 09, 2015

FOR: Attn: Mr. Caleb Mall  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

## Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

## Custody Information

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

Date: 09/01/15 15:05  
09/03/15 17:17

## Laboratory Data

SDG ID: GBJ86394  
Phoenix ID: BJB6396

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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## Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2,3-Trichloropropene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/05/15	MH	SW8260C

Parameter	Result	RL/ POL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/05/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/05/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/05/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Chloroform	1.4	1.0	ug/L	1	09/05/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/05/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/05/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/05/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/05/15	MH	SW8260C
Trichloroethene	2.4	1.0	ug/L	1	09/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/05/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102		%	1	09/05/15	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	09/05/15	MH	70 - 130 %
% Dibromofluoromethane	108		%	1	09/05/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-3

Phoenix I.D.: BJ86396

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	09/05/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

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Phyllis Shiller, Laboratory Director  
September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President





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

**Analysis Report**  
September 09, 2015  
FOR: Attn: Mr. Caleb Mail  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

Custody Information

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

Date Time

09/01/15 15:20  
09/03/15 17:17

Laboratory Data

SDG ID: GBU86394  
Phoenix ID: BU86397

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	105		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	98		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	102		%	1	09/04/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-MW-4

Phoenix I.D.: BJ86397

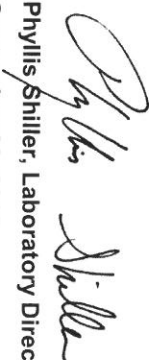
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	09/04/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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Phyllis Shiller, Laboratory Director  
September 09, 2015  
Reviewed and Released by: Bobbi Aloisa, Vice President



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

**Analysis Report**  
September 09, 2015  
FOR: Attn: Mr. Caleb Mail  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

**Sample Information**

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

**Custody Information**

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

**Laboratory Data**

SDG ID: GBJ86394  
Phoenix ID: BJ86398

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**Volatiles**

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C

Parameter	Result	RL/ POL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	11	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	102		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	96		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	108		%	1	09/04/15	MH	70 - 130 %



Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-4

Phoenix I.D.: BJ86398

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100		%	1	09/04/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

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

September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



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

**Analysis Report**  
September 09, 2015  
FOR: Attn: Mr. Caleb Mall  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

<u>Sample Information</u>		<u>Custody Information</u>		<u>Date</u>	<u>Time</u>
Matrix:	GROUND WATER	Collected by:	CM	09/01/15	15:55
Location Code:	C2G-NP	Received by:	LB	09/03/15	17:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1509-1530				

Laboratory Data SDG ID: GBJ86394  
Phoenix ID: BJ86399

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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**Volatiles**

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	1.9	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	24	1.0	ug/L	1	09/04/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	72	10	ug/L	10	09/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	3400	500	ug/L	500	09/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	100		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	98		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	107		%	1	09/04/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-1

Phoenix I.D.: BJ86399

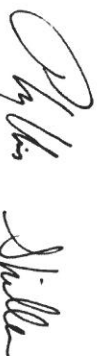
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	126		%	1	09/04/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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Phyllis Shiller, Laboratory Director  
September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



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



# Analysis Report

September 09, 2015

FOR: Attn: Mr. Caleb Mail  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

## Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

## Custody Information

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

Date

Time

09/01/15 16:05  
09/03/15 17:17

## Laboratory Data

SDG ID: GBJ86394  
Phoenix ID: BJB6400

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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## Volatiles

1,1,1,2-Tetrachloroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/L	500	09/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,1-Dichloroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,1-Dichloroethene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,1-Dichloropropene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2,3-Trichloropropene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2-Dibromoethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,2-Dichloroethane	ND	300	ug/L	500	09/05/15	MH	SW8260C
1,2-Dichloropropane	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
2,2-Dichloropropane	ND	500	ug/L	500	09/05/15	MH	SW8260C
2-Chlorotoluene	ND	500	ug/L	500	09/05/15	MH	SW8260C
2-Hexanone	ND	2500	ug/L	500	09/05/15	MH	SW8260C
2-Isopropyltoluene	ND	500	ug/L	500	09/05/15	MH	SW8260C
4-Chlorotoluene	ND	500	ug/L	500	09/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2500	ug/L	500	09/05/15	MH	SW8260C



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	13000	ug/L	500	09/05/15	MH	SW8260C
Acrylonitrile	ND	2500	ug/L	500	09/05/15	MH	SW8260C
Benzene	ND	350	ug/L	500	09/05/15	MH	SW8260C
Bromobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Bromochloromethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Bromodichloromethane	ND	250	ug/L	500	09/05/15	MH	SW8260C
Bromoform	ND	500	ug/L	500	09/05/15	MH	SW8260C
Bromomethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Carbon Disulfide	ND	2500	ug/L	500	09/05/15	MH	SW8260C
Carbon tetrachloride	ND	500	ug/L	500	09/05/15	MH	SW8260C
Chlorobenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Chloroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Chloroform	ND	500	ug/L	500	09/05/15	MH	SW8260C
Chloromethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	500	ug/L	500	09/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	200	ug/L	500	09/05/15	MH	SW8260C
Dibromochloromethane	ND	250	ug/L	500	09/05/15	MH	SW8260C
Dibromomethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Ethylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Hexachlorobutadiene	ND	200	ug/L	500	09/05/15	MH	SW8260C
Isopropylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
m&p-Xylene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2500	ug/L	500	09/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	500	ug/L	500	09/05/15	MH	SW8260C
Methylene chloride	ND	500	ug/L	500	09/05/15	MH	SW8260C
Naphthalene	ND	500	ug/L	500	09/05/15	MH	SW8260C
n-Butylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
n-Propylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
o-Xylene	ND	500	ug/L	500	09/05/15	MH	SW8260C
p-Isopropyltoluene	ND	500	ug/L	500	09/05/15	MH	SW8260C
sec-Butylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Styrene	ND	500	ug/L	500	09/05/15	MH	SW8260C
tert-Butylbenzene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Tetrachloroethene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	1300	ug/L	500	09/05/15	MH	SW8260C
Toluene	ND	500	ug/L	500	09/05/15	MH	SW8260C
Total Xylenes	ND	500	ug/L	500	09/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	500	ug/L	500	09/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	200	ug/L	500	09/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2500	ug/L	500	09/05/15	MH	SW8260C
Trichloroethene	3000	500	ug/L	500	09/05/15	MH	SW8260C
Trichlorofluoromethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	500	ug/L	500	09/05/15	MH	SW8260C
Vinyl chloride	ND	500	ug/L	500	09/05/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	107		%	500	09/05/15	MH	70 - 130 %
% Bromofluorobenzene	97		%	500	09/05/15	MH	70 - 130 %
% Dibromofluoromethane	108		%	500	09/05/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-2

Phoenix I.D.: BJ86400

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100		%	500	09/05/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

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

September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

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

# Analysis Report

September 09, 2015

FOR: Attn: Mr. Caleb Mail  
C2G Environmental Consultants, LLC  
83 South Putt Corners Rd  
New Paltz, NY 12561

## Sample Information

Matrix: GROUND WATER  
Location Code: C2G-NP  
Rush Request: Standard  
P.O.#: 1509-1530

## Custody Information

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

Date Time  
09/01/15 16:20  
09/03/15 17:17

## Laboratory Data

SDG ID: GBJ86394  
Phoenix ID: BJ86401

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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## Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,3-Trichloropropene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloroethane	0.79	0.60	ug/L	1	09/04/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C

Parameter	Result	RL/ POL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	09/04/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	09/04/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,2-Dichloroethene	1.1	1.0	ug/L	1	09/04/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	09/04/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	3.8	1.0	ug/L	1	09/04/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrachloroethene	2.6	1.0	ug/L	1	09/04/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	09/04/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	09/04/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	09/04/15	MH	SW8260C
Trichloroethene	180	10	ug/L	10	09/08/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	09/04/15	MH	SW8260C
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	103		%	1	09/04/15	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	09/04/15	MH	70 - 130 %
% Dibromofluoromethane	104		%	1	09/04/15	MH	70 - 130 %

Project ID: N4931 MOBILE MEDIA  
Client ID: N2087-TW-3

Phoenix I.D.: BJ86401


Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	104		%	1	09/04/15	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

**RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level**

**Comments:**

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.

  
Phyllis Shiller, Laboratory Director  
September 09, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President





# Environmental Laboratories, Inc.

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## QA/QC Report

September 09, 2015

### QA/QC Data

SDG I.D.: GBJ86394

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 319402 (ug/L), QC Sample No: BJ86269 (BJ86394, BJ86395, BJ86397, BJ86398, BJ86399, BJ86401)

### Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	105	108	2.8				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	102	108	5.7				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	101	107	5.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	97	102	5.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	97	103	6.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	93	103	10.2				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	104	7.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	106	109	2.8				70 - 130	30
1,2,3-Trichloropropene	ND	1.0	98	103	5.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	105	106	0.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	99	100	1.0				70 - 130	30
1,2-Dibromo-3-chloropropene	ND	1.0	93	99	6.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	105	104	1.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	96	97	1.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	103	107	3.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	95	100	5.1				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	101	104	2.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	96	98	2.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	102	103	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	96	98	2.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	81	87	7.1				70 - 130	30
2-Chlorotoluene	ND	1.0	99	102	3.0				70 - 130	30
2-Hexanone	ND	5.0	100	104	3.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	103	105	1.9				70 - 130	30
4-Chlorotoluene	ND	1.0	96	98	2.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	100	102	2.0				70 - 130	30
Acetone	ND	5.0	105	113	7.3				70 - 130	30
Acrylonitrile	ND	5.0	100	104	3.9				70 - 130	30
Benzene	ND	0.70	97	104	7.0				70 - 130	30
Bromobenzene	ND	1.0	98	99	1.0				70 - 130	30
Bromochloromethane	ND	1.0	92	101	9.3				70 - 130	30
Bromodichloromethane	ND	0.50	106	111	4.6				70 - 130	30
Bromoform	ND	1.0	106	111	4.6				70 - 130	30
Bromomethane	ND	1.0	69	75	8.3				70 - 130	30
Carbon Disulfide	ND	1.0	102	109	6.6				70 - 130	30
Carbon tetrachloride	ND	1.0	101	104	2.9				70 - 130	30
Chlorobenzene	ND	1.0	96	100	4.1				70 - 130	30
Chloroethane	ND	1.0	89	99	10.6				70 - 130	30
Chloroform	ND	1.0	98	105	6.9				70 - 130	30
Chloromethane	ND	1.0	78	84	7.4				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	100	102	2.0				70 - 130	30

## QA/QC Data

SDG I.D.: GBJ86394

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	101	105	3.9				70-130	30
Dibromochloromethane	ND	0.50	110	114	3.6				70-130	30
Dibromomethane	ND	1.0	100	104	3.9				70-130	30
Dichlorodifluoromethane	ND	1.0	82	87	5.9				70-130	30
Ethylbenzene	ND	1.0	98	105	6.9				70-130	30
Hexachlorobutadiene	ND	0.40	98	95	3.1				70-130	30
Isopropylbenzene	ND	1.0	102	104	1.9				70-130	30
m&p-Xylene	ND	1.0	100	103	3.0				70-130	30
Methyl ethyl ketone	ND	5.0	96	101	5.1				70-130	30
Methyl t-butyl ether (MTBE)	ND	1.0	106	112	5.5				70-130	30
Methylene chloride	ND	1.0	90	95	5.4				70-130	30
Naphthalene	ND	1.0	114	118	3.4				70-130	30
n-Butylbenzene	ND	1.0	96	98	2.1				70-130	30
n-Propylbenzene	ND	1.0	92	95	3.2				70-130	30
o-Xylene	ND	1.0	105	109	3.7				70-130	30
p-Isopropyltoluene	ND	1.0	100	102	2.0				70-130	30
sec-Butylbenzene	ND	1.0	100	102	2.0				70-130	30
Styrene	ND	1.0	102	106	3.8				70-130	30
tert-Butylbenzene	ND	1.0	101	105	3.9				70-130	30
Tetrachloroethene	ND	1.0	95	102	7.1				70-130	30
Tetrahydrofuran (THF)	ND	2.5	105	111	5.6				70-130	30
Toluene	ND	1.0	95	102	7.1				70-130	30
trans-1,2-Dichloroethene	ND	1.0	99	104	4.9				70-130	30
trans-1,3-Dichloropropene	ND	0.40	107	111	3.7				70-130	30
trans-1,4-dichloro-2-butene	ND	5.0	86	86	0.0				70-130	30
Trichloroethene	ND	1.0	96	102	6.1				70-130	30
Trichlorofluoromethane	ND	1.0	87	93	6.7				70-130	30
Trichlorotrifluoroethane	ND	1.0	80	87	8.4				70-130	30
Vinyl chloride	ND	1.0	87	96	9.8				70-130	30
% 1,2-dichlorobenzene-d4	102	%	104	98	5.9				70-130	30
% Bromofluorobenzene	96	%	106	102	3.8				70-130	30
% Dibromofluoromethane	99	%	101	100	1.0				70-130	30
% Toluene-d8	104	%	98	99	1.0				70-130	30

## Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

QA/QC Batch 319580 (ug/L), QC Sample No: BJ86396 (BJ86394 (100X), BJ86395 (10X, 100X), BJ86396, BJ86399 (10X, 500X), BJ86400 (500X))

## Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	100	3.0				70-130	30
1,1,1-Trichloroethane	ND	1.0	95	91	4.3				70-130	30
1,1,2,2-Tetrachloroethane	ND	0.50	107	109	1.9				70-130	30
1,1,2-Trichloroethane	ND	1.0	99	104	4.9				70-130	30
1,1-Dichloroethane	ND	1.0	97	93	4.2				70-130	30
1,1-Dichloroethene	ND	1.0	103	98	5.0				70-130	30
1,1-Dichloropropene	ND	1.0	97	95	2.1				70-130	30
1,2,3-Trichlorobenzene	ND	1.0	113	118	4.3				70-130	30
1,2,3-Trichloropropene	ND	1.0	103	103	0.0				70-130	30
1,2,4-Trichlorobenzene	ND	1.0	109	109	0.0				70-130	30
1,2,4-Trimethylbenzene	ND	1.0	96	96	0.0				70-130	30
1,2-Dibromo-3-chloropropene	ND	1.0	122	125	2.4				70-130	30
1,2-Dibromoethane	ND	1.0	105	103	1.9				70-130	30

## QA/QC Data

SDG I.D.: GBJ86394

Parameter	Blank	Blk RL	LCS		LCSD		LCS		MS		MSD		MS		% Rec Limits	% RPD Limits
			%	%	%	%	RPD	%	%	%	RPD	%	RPD	%		
1,2-Dichlorobenzene	ND	1.0	101	103	2.0										70 - 130	30
1,2-Dichloroethane	ND	1.0	98	100	2.0										70 - 130	30
1,2-Dichloropropane	ND	1.0	101	99	2.0										70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	99	97	2.0										70 - 130	30
1,3-Dichlorobenzene	ND	1.0	98	99	1.0										70 - 130	30
1,3-Dichloropropane	ND	1.0	104	105	1.0										70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	98	1.0										70 - 130	30
2,2-Dichloropropane	ND	1.0	102	97	5.0										70 - 130	30
2-Chlorotoluene	ND	1.0	98	97	1.0										70 - 130	30
2-Hexanone	ND	5.0	100	106	5.8										70 - 130	30
2-Isopropyltoluene	ND	1.0	100	99	1.0										70 - 130	30
4-Chlorotoluene	ND	1.0	99	99	0.0										70 - 130	30
4-Methyl-2-pentanone	ND	5.0	104	106	1.9										70 - 130	30
Acetone	ND	5.0	91	105	14.3										70 - 130	30
Acrylonitrile	ND	5.0	121	116	4.2										70 - 130	30
Benzene	ND	0.70	101	97	4.0										70 - 130	30
Bromobenzene	ND	1.0	103	102	1.0										70 - 130	30
Bromochloromethane	ND	1.0	107	105	1.9										70 - 130	30
Bromodichloromethane	ND	0.50	108	106	1.9										70 - 130	30
Bromoform	ND	1.0	111	115	3.5										70 - 130	30
Bromomethane	ND	1.0	109	107	1.9										70 - 130	30
Carbon Disulfide	ND	1.0	102	98	4.0										70 - 130	30
Carbon tetrachloride	ND	1.0	95	89	6.5										70 - 130	30
Chlorobenzene	ND	1.0	97	95	2.1										70 - 130	30
Chloroethane	ND	1.0	97	91	6.4										70 - 130	30
Chloroform	ND	1.0	97	94	3.1										70 - 130	30
Chloromethane	ND	1.0	97	92	5.3										70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	105	98	6.9										70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	110	111	0.9										70 - 130	30
Dibromochloromethane	ND	0.50	108	108	0.0										70 - 130	30
Dibromomethane	ND	1.0	102	101	1.0										70 - 130	30
Dichlorodifluoromethane	ND	1.0	95	92	3.2										70 - 130	30
Ethylbenzene	ND	1.0	99	96	3.1										70 - 130	30
Hexachlorobutadiene	ND	0.40	97	93	4.2										70 - 130	30
Isopropylbenzene	ND	1.0	100	97	3.0										70 - 130	30
m&p-Xylene	ND	1.0	98	95	3.1										70 - 130	30
Methyl ethyl ketone	ND	5.0	106	101	4.8										70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	116	115	0.9										70 - 130	30
Methylene chloride	ND	1.0	98	99	1.0										70 - 130	30
Naphthalene	ND	1.0	123	128	4.0										70 - 130	30
n-Butylbenzene	ND	1.0	96	94	2.1										70 - 130	30
n-Propylbenzene	ND	1.0	90	90	0.0										70 - 130	30
o-Xylene	ND	1.0	106	102	3.8										70 - 130	30
p-Isopropyltoluene	ND	1.0	98	96	2.1										70 - 130	30
sec-Butylbenzene	ND	1.0	98	97	1.0										70 - 130	30
Styrene	ND	1.0	105	101	3.9										70 - 130	30
tert-Butylbenzene	ND	1.0	98	97	1.0										70 - 130	30
Tetrachloroethene	ND	1.0	99	94	5.2										70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	109	112	2.7										70 - 130	30
Toluene	ND	1.0	95	93	2.1										70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	101	98	3.0										70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	115	114	0.9										70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	117	122	4.2										70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichloroethene	ND	1.0	98	95	3.1				70 - 130	30
Trichlorofluoromethane	ND	1.0	86	81	6.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	93	90	3.3				70 - 130	30
Vinyl chloride	ND	1.0	99	93	6.3				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	99	101	2.0				70 - 130	30
% Bromofluorobenzene	95	%	99	99	0.0				70 - 130	30
% Dibromofluoromethane	110	%	98	98	0.0				70 - 130	30
% Toluene-d8	101	%	100	98	2.0				70 - 130	30

**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

QA/QC Batch 319701 (ug/L), QC Sample No: BJ87308 (BJ86401 (10X) )

**Volatiles - Ground Water**

Trichloroethene	ND	1.0	93	112	18.5				70 - 130	30
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**Comment:**

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

I = This parameter is outside laboratory lcs/lcsd 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  
September 09, 2015



Wednesday, September 09, 2015

Criteria: None

State: NY

## Sample Criteria Exceedences Report

GBJ86394 - C2G-NP

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

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.



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

## **NY Temperature Narration**

**September 09, 2015**

**SDG I.D.: GBJ86394**

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The samples in this delivery group were received at 4°C.  
(Note acceptance criteria is above freezing up to 6°C)



# NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Coolant: Yes ☒ No ☐  
Coolant: IPK ☒ ICE ☐

Temp 4 °C Pg of

## Contact Options:

☐ Fax: \_\_\_\_\_  
☐ Phone: \_\_\_\_\_  
☒ Email: chall@c2g.us

Customer: C2G ENV CONSULTANTS, LLC  
Address: 83 S RUT CORNERS RD  
NEW PALTZE, NY

Project: N4931 - MOBILE MEDIA  
Report to: CALEB MALL  
Invoice to: C2G

Project P.O.: 1509-1530

**This section MUST be completed with Bottle Quantities.**

## Client Sample - Information - Identification

Sampler's Signature: Chall Mall Date: 9/1/15

### Matrix Code:

DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
OIL=Oil B=Bulk L=Liquid

Analysis Request

EDA 8260

### PHOENIX USE ONLY SAMPLE #

Customer Sample Identification

Sample Matrix

Date Sampled

Time Sampled

86394	N2087-MW-1	GW	9/1/15	1435	X
86395	N2087-MW-2	GW	9/1/15	1450	X
86396	N2087-MW-3	GW	9/1/15	1505	X
86397	N2087-MW-4	GW	9/1/15	1520	X
86398	N2087-TW-4	GW	9/1/15	1535	X
86399	N2087-TW-1	GW	9/1/15	1555	X
86400	N2087-TW-2	GW	9/1/15	1605	X
86401	N2087-TW-3	GW	9/1/15	1620	X

Relinquished by:

Accepted by:

Date:

Time:

Turnaround:

- ☐ 1 Day\*  
☐ 2 Days\*  
☐ 3 Days\*  
☒ 5 Days  
☐ 10 Days  
☐ Other

\* SURCHARGE APPLIES

NJ

- ☐ Res. Criteria  
☐ Non-Res. Criteria  
☐ Impact to GW Soil Cleanup Criteria  
☐ GW Criteria

NY

- ☐ TAGM 4046 GW  
☐ TAGM 4046 SOIL  
☐ NY375 Unrestricted Use Soil  
☐ NY375 Residential Soil  
☐ Restricted/Residential  
☐ Commercial  
☐ Industrial

Data Format

- ☐ Phoenix Std Report  
☐ Excel  
☒ PDF  
☐ GIS/Key  
☐ EQUIS  
☐ NJ Hazsite EDD  
☐ NY EZ EDD (ASP)  
☐ Other

Comments, Special Requirements or Regulations:

State where samples were collected:

NY

Data Package

- ☐ NJ Reduced Deliv. \*  
☐ NY Enhanced (ASP B) \*  
☐ Other