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



Prepared For:

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

Prepared By:

C₂G Environmental Consultants, LLC 83 South Putt Corners Road New Paltz, NY 12561 845-255-4900

September 2015

Subsurface Investigation Report

24 Center Street, Pine Bush, NY

EXECUTIVE SUMMARY

identified several RECs associated with the subject site. In September 2013, C₂G performed a Phase I ESA for the subject site. The Phase I ESA

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

one (1) groundwater sample was collected from each of the one-inch (1") diameter monitoring collected from each of the two-inch (2") diameter monitoring wells MW-1 through MW-4 and wells TW-1 through TW-4. were collected from the monitoring wells at the subject site. One (1) groundwater sample was groundwater monitoring wells. On September 1, 2015, a total of eight (8) groundwater samples subsurface investigation activities performed by WGA. A total of four (4) soil borings (TW-1 (11.5) feet below grade. All four (4) soil borings were converted into one-inch (1") diameter four (4) soil borings at depths ranging from approximately seven (7) to eleven and one-half through TW-4) were installed utilizing a Geoprobe. Groundwater was encountered within all further investigate/delineate groundwater VOC concentrations discovered during previous On September 1, 2015, C₂G performed Geoprobe subsurface investigation activities in order to

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

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

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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 determination will be able to be made in regards to former on-site (in subject building) encountered) beneath the subject building evaluate VOC concentrations beneath the subject building. subject building. With approval of the NYSDEC, C2G recommends conducting a subsurface performed. determine the outfalls. boring(s) in the shop area to allow installation of additional groundwater monitoring well(s) to investigation within the footprint of the subject building with the installation of concrete core were confirmed. The heaviest concentrations were detected in the vicinity of the east end of the sampling activities, groundwater VOC concentrations exceeding NYSDEC Guidance Values Based on field observations, PID readings, and laboratory analytical results of groundwater If able to be determined, sampling of the outfall locations should be & the current groundwater impacts, further Based on VOC levels (if

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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 C₂G Environmental Consultants, LLC

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

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Appendix B: Tables

Table 1 – Summary of Groundwater Sampling – September 2015

Appendix C: Site Photos Appendix D: Laboratory Analytical Data

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24 Center Street, Pine Bush, NY

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 environmental activities performed at the above referenced site by C₂G Environmental Consultants, LLC on September 1, 2015 find enclosed a copy of the subsurface investigation report documenting the

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

Sincerely,

Louis J. Mastro

Director of Environmental Services

C₂G Environmental Consultants, LLC.

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1.0 INTRODUCTION

1.1 Background

property had been adversely affected by the identified RECs. additional investigation activities to determine if the subsurface conditions at the subject conditions (RECs) associated with the subject property. As such, C2G recommended Environmental Site Assessment (ESA) for the property located at 24 Center Street, Pine In September 2013, C₂G Environmental Consultants, LLC (C₂G) performed a Phase I 12566. The Phase I ESA identified several recognized environmental

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

groundwater sampling is included in the Appendices. installation, and subsurface investigation activities performed by WGA. investigate/delineate assessment activities at the subject site. The purpose of this investigation was to further In September 2015, C₂G performed Geoprobe subsurface investigation and site search, Geoprobe groundwater sampling groundwater VOC concentrations soil boring installation, activities. Laboratory analytical data of groundwater monitoring This report documents a site discovered during previous

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2.0 SCOPE OF WORK

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

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

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

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3.0 SITE DESCRIPTION

3.1 Site Description

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

3.2 Site Topography

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

3.3 Sensitive Receptor Information

3 for a depiction of groundwater elevations. groundwater flow direction is calculated to slope to the southeast. Please refer to Figure groundwater flow direction was determined to have a gentle slope to the southwest. depths ranging from approximately seven (7) to eleven and one-half (11.5) feet below is serviced by municipal water. Groundwater was encountered within the soil borings at Sensitive receptors were noted in the immediate vicinity of the subject property. The site Based on depth to groundwater measurements recorded by C₂G in September 2015, During previous subsurface investigation activities performed by WGA,

3.4 Site Geology

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

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4.0 INVESTIGATION ACTIVITIES

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

4.1 Risk Minimization Practices

prior to use. Fire extinguishing equipment was readily available at the site. isobutylene standard according to the manufacturer's instructions and was fully charged Detector (PID). The PID was calibrated for benzene using a 100 parts per million (ppm) throughout on-site activities with a properly calibrated Mini Rae Photo Ionization In order to minimize risk to the public, a C₂G technician monitored vapor hazards

4.2 Site History Search

Marietta Silk Company. a review of a Sanborn Fire Insurance Map dated 1937, the subject building is occupied by Mastercraft Cravat Co. between March 1957 and September 1959. Furthermore, based on owned by Marietta Silk Company between March 1924 and February 1953 and by review of records maintained by the Orange County Clerk's Office, the subject site was the subject site was formerly utilized for the manufacturing of silk neckties. Based on a Based on interviews conducted by C₂G during September 2013 Phase I ESA activities,

4.3 Subsurface Investigation Activities

approximately fifteen (15) to twenty (20) feet below grade. encountered within the Geoprobe soil borings at the maximum depths ranging from borings (TW-1 through TW-4) were installed utilizing a Geoprobe. Refusal was not previous subsurface investigation activities performed by WGA. A total of four (4) soil investigation activities on September 1, 2015. The purpose of this investigation was to Environmental Consultants, investigate/delineate groundwater VOC LLC (C₂G) performed concentrations Geoprobe subsurface discovered during

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

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Description of Geoprobe Soil Borings:

Core	Depth	Description	PID
TW-1		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	
	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-4										TW-3
18 – 20 feet	17 – 18 feet	15 – 17 feet	13 – 15 feet	11.5 – 13 feet	10 – 11.5 feet	9.5 – 10 feet	8.5 – 9.5 feet	8 – 8.5 feet	6.5 – 8 feet	5 – 6.5 feet	3.5 – 5 feet	3-3.5 feet	2-3 feet	0-2 feet	13.5 – 15 feet	11.5 – 13.5 feet	10.5 – 11.5 feet	10 – 10.5 feet	8.5 - 10 feet	6-8.5 feet	5-6 feet	3-5 feet	1.5-3 feet	0-1.5 feet
Brown and Gray Clay	Brown Fine Silty Sand – Wet	Dark Brown Fine Sand - Wet	Dark Brown and White Fine Sand - Wet	Dark Brown and White Coarse Sand - Wet	No Recovery	Dark Brown Coarse Sand	Brown Fine Silty Sand	Brown and Gray Clay	Dark Brown Fine Sand	No Recovery	Dark Brown and Brown Fine to Medium Sand	Dark Brown and Brown Sandy Clay	Dark Brown Sandy Loam	No Recovery	Gray Clay	Gray Fine Silty Sand – Wet	Light Brown Sandy Clay – Wet	Brown Medium Sand	Light Brown Fine Sand – Wet	Light Brown Fine Sand	No Recovery	Light Brown/Orange/White Medium to Coarse Sand	Light Brown and Brown Sandy Loam	No Recovery
0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	N/A	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	N/A	0.0 ppm	0.0 ppm	0.0 ppm	N/A	0.0 ppm	2.1 - 6.9 ppm	2.1 ppm	1.6 ppm	0.5 ppm	0.0 ppm	N/A	0.0 ppm	0.0 ppm	N/A

to Figure 2 for a depiction of monitoring well locations. Groundwater sample collection and results are outlined in Section 5.1 of this report. Please refer collected from each of the one-inch (1") diameter monitoring wells TW-1 through TW-4. (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample was wells at the subject site. One (1) groundwater sample was collected from each of the two-inch September 1, 2015, C₂G collected a total of eight (8) groundwater samples from the monitoring were subsequently converted into one-inch (1") diameter groundwater monitoring wells. On approximately seven (7) to eleven and one-half (11.5) feet below grade. All four (4) soil borings Groundwater was encountered within all four (4) soil borings at depths ranging from

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5.0 SAMPLING AND ANALYSIS

5.1 Groundwater Sample Collection & Results

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

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

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

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6.0 SUMMARY AND RECOMMENDATIONS

6.1 Summary

identified several RECs associated with the subject site. In September 2013, C₂G performed a Phase I ESA for the subject site. The Phase I ESA

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

was collected from each of the one-inch (1") diameter monitoring wells TW-1 through (2") diameter monitoring wells MW-1 through MW-4 and one (1) groundwater sample at the subject site. One (1) groundwater sample was collected from each of the two-inch 2015, a total of eight (8) groundwater samples were collected from the monitoring wells converted into one-inch (1") diameter groundwater monitoring wells. On September 1, (7) to eleven and one-half (11.5) feet below grade. All four (4) soil borings were encountered within all four (4) soil borings at depths ranging from approximately seven borings (TW-1 through TW-4) were installed utilizing a Geoprobe. previous subsurface investigation activities performed by WGA. A total of four (4) soil order to further investigate/delineate groundwater VOC concentrations discovered during On September 1, 2015, C₂G performed Geoprobe subsurface investigation activities in Groundwater was

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

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

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6.2 Recommendations

recommends the following: vicinity of the east end of the subject building. Guidance Values were confirmed. groundwater sampling activities, groundwater VOC concentrations exceeding NYSDEC Based on field observations, PID readings, and laboratory analytical results of The heaviest concentrations were detected in the With approval of the NYSDEC, C₂G

- 0 former on-site (in subject building) operations or potential migration of off-site impacts. groundwater monitoring well(s) to evaluate VOC concentrations beneath the subject Conduct a subsurface investigation within the footprint of the subject building with the current groundwater impacts, further determination will be able to be made in regards to installation of concrete core boring(s) in the shop area to allow installation of additional Based on VOC levels (if encountered) beneath the subject building & the
- . determined, sampling of the outfall locations should be performed. 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

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FIGURES

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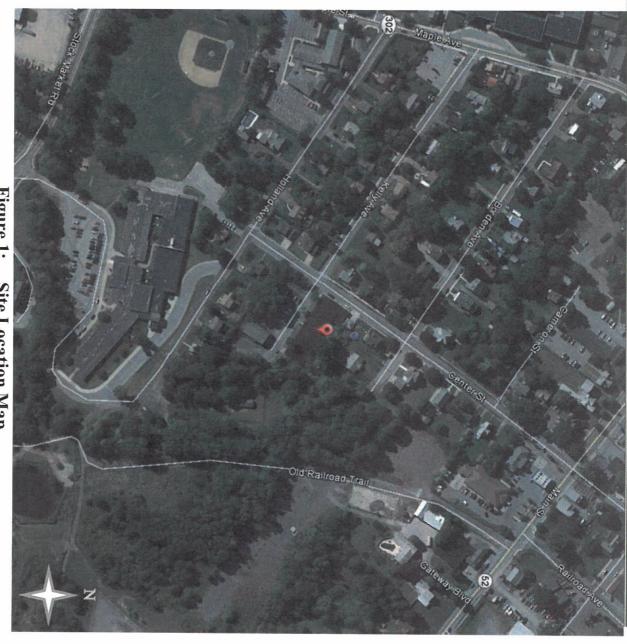


Figure 1: Site Location Map

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Figure 2: **Groundwater Monitoring Well Location Map**

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

MW-3. by WGA in January 2015 using an arbitrary top of casing elevation of 100 feet for collected by C₂G on September 1, 2015 and top of well casing elevations measured Note: Groundwater elevations based on depth to groundwater measurements

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TABLES

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

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

			able 1: Groundwate:	r Monitoring Well V	Vater Sample Data S	Summary			
ANALYTICAL PARAMETERS	NYSDEC Groundwater	MW-I	MW-2	MW-3	MW-I	TW-1	TW-2	TW-3	TW-4
EPA METHOD 8260	Standard	9/1/15	9/1/15	9/1/15	9/1/15	9/1/15	9/1/15	9/1/15	9/1/15
	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND* <250	ND	ND
1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1-Dichloroethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1-Dichloroethylenc	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
1-Dichloropropylenc	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,3 Trimethylbenzenc	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2.4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND* <500	ND	ND
2,-Dibromomethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
2-Dichlorobenzenc	4.7	ND	ND	ND	ND	ND	ND* <500	ND	ND
2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND* <300	0.79	ND ND
s-1,2-Dichloroethylenc	5	3,5	1.8	ND	ND	1.9	ND* <500	1.1	ND ND
2-Dichloropropane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND ND
3,5-Trimethylbenzene	5	ND	ND ND	ND	ND	ND	ND* <500	ND ND	ND ND
3-Dichlorobenzenc	5	ND	ND	ND	ND ND	ND	ND* <500	ND ND	
3-Dichloropropylenc	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
4-Dichlorobenzenc	5	ND	ND	ND	ND	ND	ND* <500		ND
2-Dichloropropane	5	ND	ND	ND	ND ND	ND	ND* <500	ND	ND
Chlorotoluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
Chlorotoluene	5	ND	ND	ND	ND	ND ND	ND* <500	ND	ND
enzene	0.7	ND	ND	ND ND	ND	ND ND		ND	ND
omobenzene	5	ND	ND	ND ND	ND ND		ND* <350	ND	ND
omochloromethanc	5	ND	ND	ND ND	ND ND	ND	ND* <500	ND	ND
omodichloromethan	5	ND	ND			ND	ND* <500	ND	ND
omoform	5	ND ND	ND ND	ND ND	ND	ND	ND* <250	ND	ND
omomethane	5	ND ND	ND ND	ND	ND	ND	ND* <500	ND	ND
rbon Tetrachloride	5			ND	ND	ND	ND* <500	ND	ND
llorobenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
lloroethane		ND	ND	ND	ND	ND	ND* <500	ND	ND
loroform	50	ND	ND	ND	ND	ND	ND* <500	ND	ND
		ND	1.5	1.4	ND	ND	ND* <500	ND	- 11
loromethanc	5	ND	111	ND	ND	ND	ND* <500	ND	ND
bromochloromethanc	50	ND	ND	ND	ND	ND	ND* <250	ND	ND
bromomethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
chlorodifluoromethane	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
hylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
xachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND* <200	ND	ND
propylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
ГВЕ	10	8.6	38	ND	ND	24	ND* <500	3.8	ND
ethylene Chlorida	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
phthalene	10	ND	ND	ND	ND	ND	ND* <500	ND	ND
Butylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
ropylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
tal Xylenes	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
sopropyltoluene	5	ND	ND	ND	ND	ND	ND* <500	ND	ND
-Butylbenzenc	5	ND	ND	ND	ND	ND	ND* <500	ND ND	ND ND
rene	5	ND	ND	ND	ND	ND	ND* <500	ND ND	ND ND
t-Butylbenzene	5	ND	ND	ND	ND	ND	ND* <500	ND ND	
trachloroethylene	5	18	7.7	ND	ND	72	ND* <500 ND* <500	2.6	ND
luene	5	ND	ND	ND	ND	ND	ND* <500 ND* <500		ND
	5		1,400	2.4	ND			ND	ND
chloroethylene)								
chloroethylene chlorofluoromethane	5	860 ND	ND	ND	ND ND	3,400 ND	3,000 ND* <500	180 ND	ND ND

- Notes:

 1. All data/sample results are recorded in micrograms-per-liter (µg/l)/parts per billion (ppb).

 2. Samples tested by EPA Method 8260 per NYSDEC TOGS Guidance

 3. ND = Not Detected (Compound analyzed but not detected) Detection limits may vary

 4. The guidance values used were adopted by the NYSDEC Policy TOGS

 5. Analytical results above NYSDEC TOGS Guidance Values are displayed with ared background.

 * An elevated RL was reported.

Subsurface Investigation Report

24 Center Street, Pine Bush, NY

SITE PHOTOS

Subsurface Investigation Report

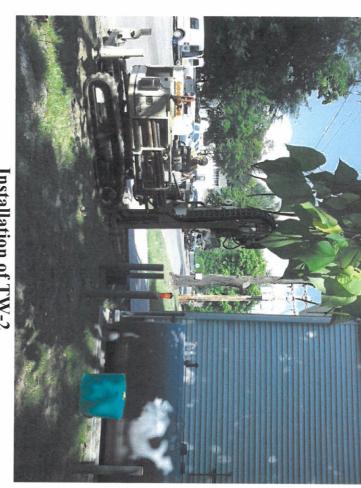


Installation of TW-1



Installed

Subsurface Investigation Report



Installation of TW-2



ΓW-2 Installed

Subsurface Investigation Report

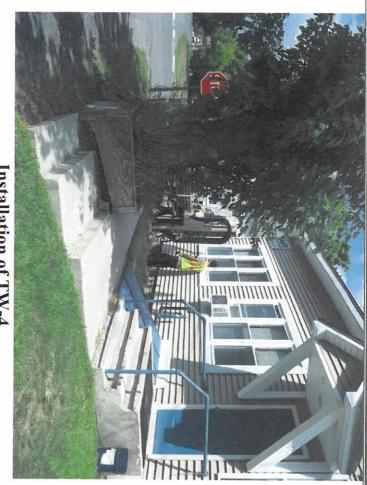


Installation of TW-3



TW-3 Installed

Subsurface Investigation Report



Installation of TW-4



TW-4 Installed

24 Center Street, Pine Bush, NY

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

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

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

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

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

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 Tumpike, 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

Matrix: Sample Information Location Code: C2G-NP **GROUND WATER** Received by: Collected by: Custody Information S В 09/01/15 09/03/15 Date 17:17 14:35 Time

Analyzed by:

see "By" below

P.O.#:

Rush Request:

Standard

1509-1530

Client ID: Project ID:

N2087-MW-1

N4931 MOBILE MEDIA

Phoenix ID: BJ86394 SDG ID: GBJ86394

aboratory Data

Volotiloo	Parameter
	Result
	PQL PQL
	Units
	Dilution
	Date/Time
	Ву
	Reference

<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	_	09/04/15	ĭ E	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	_	09/04/15	ĭ Z	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	_	09/04/15	<u>≤</u>	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L		09/04/15	≤ I	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	_	09/04/15	Z	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	_	09/04/15	Μ	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	_	09/04/15	M	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ Z	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	_	09/04/15	ĭ Z	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	<u></u>	09/04/15	M	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	<u>≤</u>	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
2-Hexanone	ND	5.0	ug/L	_	09/04/15	≤ I	SW8260C
2-IsopropyItoluene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	ΜH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ua/L	_	09/04/15	≤ I	SW8260C

Parameter	Result	PQL PQL	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	25	ug/L	_	09/04/15	ĭ.	SW8260C
Acrylonitrile	ND	5.0	ug/L	_	09/04/15	Σ	SW8260C
Benzene	3 8	0.70	ug/L		09/04/15	≦ E	SW8260C
Bromochloromethane	S i	1.0	ug/L	→ -	09/04/15	M M	SW8260C
Bromodichloromethane	ND	0.50	ug/L	→	09/04/15	Z I	SW8260C
Bromoform	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Bromomethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Carbon Disulfide	ND	5.0	ug/L	_	09/04/15	ĭ	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Chlorobenzene	8	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Chloroethane	3 8	1.0	ug/L		09/04/15	≤ I	SW8260C
Chloromethane	8 8	1.0	ug/L	ب د	09/04/15	Z Z I	SW8260C
cis-1,2-Dichloroethene	3.5	1.0	ug/L	<u> </u>	09/04/15	Z Z	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	_	09/04/15	S I	SW8260C
Dibromochloromethane	ND	0.50	ug/L	_	09/04/15	ĭ	SW8260C
Dibromomethane	ND	1.0	ug/L		09/04/15	Ξ	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	_	09/04/15	M	SW8260C
Ethylbenzene Hexachlorohutadiene	88	1.0 0.40	ug/L		09/04/15	Z Z	SW8260C
Isopropylbenzene	ND	1.0	ug/L	٠.	09/04/15	<u> </u>	SW8260C
m&p-Xylene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	_	09/04/15	ĭ	SW8260C
Methyl t-butyl ether (MTBE)	8.6	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Nanhthalana	<u> </u>	1.0	ug/L	ـ د	09/04/15	∃	SW8260C
n-Butylbenzene	N d	1.0	ug/L		09/04/15	Z S	SW8260C
n-Propylbenzene	ND	1.0	ug/L	_	09/04/15	Ξ	SW8260C
o-Xylene	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
sec-Butylbenzene	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Styrene	S	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
tert-Butylbenzene	à Z	1.0	ug/L		09/04/15	ĭ I	SW8260C
Tetrahydrofuran (THE)	3 a	»	ug/L	<u>.</u>	09/04/15	_ <u>≤</u>	SW8260C
Toluene	8 8	1.0	ng/L	- -	09/04/15	<u> </u>	SW8260C
Total Xylenes	ND	1.0	ug/L	_	09/04/15	<u>≤</u>	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	_	09/04/15	≤	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	_	09/04/15	\leq	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	_	09/04/15	ĭ	SW8260C
Trichloroethene	860	100	ug/L	100	09/05/15	ĭ I	SW8260C
Trichlorofluoromethane	5 B	1.0	ug/L		09/04/15	≤ I	SW8260C
Vinyl chloride	S 8	1.0	ug/L	۰ ـ	09/04/15	₹ E	SW8260C
villy chloride	2		n9/L	77 <u>-</u>	09/04/15	Z	SW8260C
% 1 2-dichlorobenzene da	100		0/	<u>x</u>	0000		
% Bromoflyorobenzene	30.5		% %	ـ د	09/04/15	2 3	70 - 130 %
% Dibromofluoromethane	102		% %	<u>.</u>	09/04/15		70 - 130 %
			è			IVI	100 /8

Project ID: N4931 MOBILE MEDIA

Phoenix I.D.: BJ86394

Client ID: N2087-MW-1

% Toluene-d8 Parameter Result 106 PQL PQL Units % Dilution **→** Date/Time 09/04/15 Ву Z I 70 - 130 % Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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

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



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

	P.O.#:	Rush Request:	Location Code: C2G-NP	Matrix:	Sample Information
	1509-1530	Standard	C2G-NP	GROUND WATER	ation
Laboratory Data		Analyzed by:	Received by:	Collected by:	Custody Information
Data		see "By" below	LB	CM	<u>nation</u>
SUG ID:			09/03/15	09/01/15	<u>Date</u>
ID: 68J86394			17:17	14:00	<u>Time</u>

Laboratory Data

Phoenix ID: BJ86395

Project ID:

N4931 MOBILE MEDIA

Parameter Client ID: N2087-MW-2 Result PQL PQL Units Dilution Date/Time Ву Reference

4-Methyl-2-pentanone	4-Chlorotoluene	2-Isopropyltoluene	2-Hexanone	2-Chlorotoluene	2,2-Dichloropropane	1,4-Dichlorobenzene	1,3-Dichloropropane	1,3-Dichlorobenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	1,2-Dichloroethane	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-chloropropane	1,2,4-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trichlorobenzene	1,1-Dichloropropene	1,1-Dichloroethene	1,1-Dichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	Volatiles
ND	ND	ND	ND	ND	ND	N	ND	N	N	N	N	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	ND	ND	N	ND	
5.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.50	1.0	1.0	
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
_	_	_	_	_	_	_	_	<u></u>	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	
M I	ĭ I	N N	ĭ I	N I	M	ĭ I	ĭ I	ĭ	ĭ I	ĭ I	ĭ	ĭ I	ĭ	M	ĭ I	M I	ĭ I	≤ I	≤ I	M ∃	M	≤ I	ĭ I	M	M	
SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	25	ug/L	-	09/04/15	M	SW8260C
Acrylonitrile	N	5.0	ug/L	_	09/04/15	≤ I	SW8260C
Benzene	S	0.70	ug/L	_	09/04/15	\leq	SW8260C
Bromobenzene	3 B	1.0	ug/L		09/04/15	≤ I	SW8260C
Bromodichloromethane	8 8	0.50	ug/L	<u> </u>	09/04/15	Z Z	SW8260C
Bromoform	N	1.0	ug/L	۵.	09/04/15	ĭ I	SW8260C
Bromomethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Carbon Disulfide	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	<u></u>	09/04/15	ĭ I	SW8260C
Chlorobenzene	N	1.0	ug/L	→	09/04/15	ĭ ∃	SW8260C
Chloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Chloroform	1.5	1.0	ug/L	_	09/04/15	ĭ	SW8260C
Chloromethane	-1	1.0	ug/L	<u></u>	09/04/15	≤ I	SW8260C
cis-1,2-Dichloroethene	1.8	1.0	ug/L	_	09/04/15	ĭ	SW8260C
cis-1,3-Dichloropropene	5 B	0.40	ng/L		09/04/15	≤ I	SW8260C
Dibromocnioromethane	3 3	1.0	ug/L	- ـ	09/04/15	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SW8260C
Dichlorodifluoromethane	S i	1.0	ng/L	→ -	09/04/15	Z E	SW8260C
Ethylbenzene	ND	1.0	ug/L	<u></u>	09/04/15	Σ	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	_	09/04/15	Μ	SW8260C
Isopropylbenzene	ND	1.0	ug/L	->	09/04/15	MH	SW8260C
m&p-Xylene	S	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Methyl t-butyl ether (MTRE)	28 E	10	ug/L	<u>, </u>	09/04/15	≦ <u>≤</u>	SW8260C
Methylene chloride	N (1.0	ug/L	→ 7	09/04/15	<u> </u>	SW8260C
Naphthalene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
n-Butylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
n-Propylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
o-Xylene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
p-IsopropyItoluene	N	1.0	ug/L	_	09/04/15	≤ I	SW8260C
sec-Butylbenzene	S	1.0	ug/L		09/04/15	ĭ I	SW8260C
Styrene	i e	1.0	" Lg/L		09/04/15	ĭ I	SW8260C
Tetrachloroethono	7 7	1.0	ug/L	د د	09/04/15	<u> </u>	SW8260C
Tetrahydrofuran (THF)	S :	25.0	ng/l	ـ د	09/04/15	2 3	SW8260C
Toluene	N i	1.0	ng/L	- -	09/04/15	Z E	SW8260C
Total Xylenes	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	_	09/04/15	Ξ	SW8260C
trans-1,4-dichloro-2-butene	N	5.0	ug/L	_	09/04/15	≤ I	SW8260C
Trichloroethene	1400	100	ug/L	100	09/05/15	ĭ I	SW8260C
Trichlorofluoromethane	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Trichlorotrifluoroethane	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Vinyl chloride	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	_	09/04/15	≤ I	70 - 130 %
% Bromofluorobenzene	97		%	_	09/04/15	≤ I	70 - 130 %
% Dibromofluoromethane	102		%	_	09/04/15	ĭ I	70 - 130 %

Phoenix I.D.: BJ86395

Client ID: N2087-MW-2

% Toluene-d8 Parameter Result 106 PQL PQL Units % Dilution Date/Time 09/04/15 \leq Ву Reference 70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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

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





Analysis Report

September 09, 2015

FOR: Attn: Mr. Caleb Mall C2G Environmental Consultants, LLC

New Paltz, NY 12561 83 South Putt Corners Rd

Matrix: Sample Information Location Code: C2G-NP **GROUND WATER** Received by: Collected by: Custody Information S 09/01/15 Date Time

Analyzed by: see "By" below

aboratory Data

P.O.#:

Rush Request:

Standard

1509-1530

09/03/15 17:17 15:05

Phoenix ID: BJ86396 SDG ID: GBJ86394

N2087-MW-3 N4931 MOBILE MEDIA

Client ID: Project ID:

Parameter Result PQL PQL Dilution Date/Time Βy Reference

4-Methyl-2-pentanone	4-Chlorotoluene	2-Isopropyltoluene	2-Hexanone	2-Chlorotoluene	2,2-Dichloropropane	1,4-Dichlorobenzene	1,3-Dichloropropane	1,3-Dichlorobenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	1,2-Dichloroethane	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-chloropropane	1,2,4-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trichlorobenzene	1,1-Dichloropropene	1,1-Dichloroethene	1,1-Dichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	<u>Volatiles</u>
N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
5.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.50	1.0	1.0	
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
<u> </u>	-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	<u></u>	_	_	_	_	_	_	_		_	
09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	09/05/15	
ĭ I	Ĭ I	Z I	M	Μ	ΜĬ	ĭ	ĭ	<u>≤</u>	ĭ	ΜĦ	ĭ	ĭ I	ĭ	ĭ	ĭ I	ĭ I	ĭ I	M	M	M	M	M	M	Σ	M	
SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	

Parameter	Result	PQL PQL	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	25	ug/L	_	09/05/15	ĭ.	SW8260C
Acrylonitrile	ND	5.0	ug/L	_	09/05/15	≤ I	SW8260C
Benzene	ND	0.70	ug/L	_	09/05/15	ĭ	SW8260C
Bromobenzene	ND	1.0	ug/L	_	09/05/15	\leq	SW8260C
Bromochloromethane	ND	1.0	ug/L	_	09/05/15	M	SW8260C
Bromodichloromethane	ND	0.50	ug/L	_	09/05/15	≤	SW8260C
Bromoform	ND	1.0	ug/L	_	09/05/15	M	SW8260C
Bromomethane	ND	1.0	ug/L	_	09/05/15	M	SW8260C
Carbon Disulfide	ND	5.0	ug/L	_	09/05/15	M	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	_	09/05/15	M	SW8260C
Chlorobenzene	ND	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
Chloroethane	ND	1.0	ug/L	_	09/05/15	≤ H	SW8260C
Chloroform	1.4	1.0	ug/L		09/05/15	ĭ I	SW8260C
Cis-1 2-Dichloroethene	3 3	10	ug/L	ـ د	09/05/15	<u> </u>	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	_	09/05/15	≤ I	SW8260C
Dibromochloromethane	ND	0.50	ug/L	_	09/05/15	M	SW8260C
Dibromomethane	ND	1.0	ug/L	_	09/05/15	≤ I	SW8260C
Dichlorodifluoromethane	S	1.0	ug/L		09/05/15	≤ I	SW8260C
Eurylbenzene Hexachlorobutadiene	8 8	0.40	ug/L		09/05/15	Z Z	SW8260C
Isopropylbenzene	N	1.0	ug/L	→	09/05/15	S I	SW8260C
m&p-Xylene	ND	1.0	ug/L	<u></u>	09/05/15	≤ I	SW8260C
Methyl ethyl ketone	N	5.0	ug/L	_	09/05/15	ĭ	SW8260C
Methyl t-butyl ether (MTBE)	8	1.0	ug/L	_	09/05/15	Μ	SW8260C
Nanhthalana	3 3	1.0	ug/L	۰ ـ	09/05/15	Z Z	SW8260C
n-Butylbenzene	8 8	1.0	ng/L	- -	09/05/15	Z Z	SW8260C
n-Propylbenzene	ND	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
o-Xylene	ND	1.0	ug/L	٠	09/05/15	Ξ	SW8260C
p-IsopropyItoluene	N	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
sec-Butylbenzene	S	1.0	ug/L	_	09/05/15	Z I	SW8260C
Styrene tot But Iboszopo	5 8	1.0	ug/L	د د	09/05/15	<u>≤</u>	SW8260C
Tetrachloroethene	8	1.0	ng/L		09/05/15	Z Z	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	_	09/05/15	<u>≤</u>	SW8260C
Toluene	ND	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
Total Xylenes	ND	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
trans-1,3-Dichloropropene	S	0.40	ug/L	_	09/05/15	ĭ I	SW8260C
trans-1,4-dichloro-2-butene	3 8	5.0	ug/L	` _	09/05/15	≦ I	SW8260C
Trichlorofluoromethane	Z t	100	ng/L	<u>.</u>	09/05/15	<u> </u>	200368/00
Trichlorotrifluoroethane	8	1.0	ug/L	- -	09/05/15	S S	SW8260C
Vinyl chloride	N	1.0	ug/L	_	09/05/15	ĭ I	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%		09/05/15	≤ I	70 - 130 %
% Bromofluoropenzene	108		% %	ب د	09/05/15	<u> </u>	70 - 130 %
% Dibrolliondollernane			/0	_	09/03/13	<u> </u>	70 - 130 %

Phoenix I.D.: BJ86396

Client ID: N2087-MW-3

% Toluene-d8 Parameter Result 101 PQL Units % Dilution _ Date/Time 09/05/15 Ву ₹ 70 - 130 % Reference

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

Comments:

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Phyllis Shiller, Laboratory Director

September 09, 2015

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



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

Matrix: Rush Request: Sample Information Location Code: Standard C2G-NP **GROUND WATER** Received by: Collected by: Custody Information CM В 09/01/15 09/03/15 Date Time

Analyzed by:

see "By" below

P.O.#:

1509-1530

Project ID:

N4931 MOBILE MEDIA

17:17 15:20

Phoenix ID: BJ86397 SDG ID: GBJ86394

aboratory Data

Parameter Client ID: N2087-MW-4 Result PQP PQP Units Dilution Date/Time Reference

Volatiles 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene	88888888	1.0 1.0 0.50 1.0 1.0	ng/L ng/L ng/L ng/L		09/04/15 09/04/15 09/04/15 09/04/15 09/04/15 09/04/15 09/04/15	M M M M M M M	SW8260C SW8260C SW8260C SW8260C SW8260C SW8260C SW8260C
1,1-Dichloropropene 1,2,3-Trichlorobenzene	88	1.0	ug/L		09/04/15	M M	SW8260C SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	_	09/04/15	M M H	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	→	09/04/15	≤ I	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ Z	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	_	09/04/15	ĭ	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ Z	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
2-Hexanone	ND	5.0	ug/L	_	09/04/15	≤ I	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
4-Methyl-2-pentanone	ND	כת					

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

CHOILE D. INCOOL MINE								
Parameter	Result	PQL PQL	Units	Dilution	Date/Time	B _V	Reference	
Acetone	N	25	ug/L	_	09/04/15	₹,	SW8260C	
Acrylonitrile	ND	5.0	ug/L	_	09/04/15	ĭ ⊒	SW8260C	
Benzene	S	0.70	ug/L	_	09/04/15	≤ I	SW8260C	
Bromobenzene	5 B	1.0	ug/L	_	09/04/15		SW8260C	
Bromochloromethane	S 8	1.0	ug/L	۰ ـ	09/04/15	Z Z	SW8260C	
Bromoform	8 8	1.0	ng/L		09/04/15	S S	SW8260C	
Bromomethane	N	1.0	ug/L	٠.	09/04/15	<u> </u>	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	_	09/04/15	₹	SW8260C	
Chlorobenzene	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C	
Chloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C	
Chloroform	N N	1.0	ug/L	_	09/04/15	≤ I	SW8260C	
Chloromethane		1.0	ug/L		09/04/15	≦ I	SW8260C	
cis-1,2-Dichloropropene	8 8	0.40	ug/L		09/04/15	Z Z	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	→ .	09/04/15	S :	SW8260C	
Dibromomethane	ND	1.0	ug/L	_	09/04/15	M	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C	
Emylbenzene Hexachlorobutadiene	8 8	0.40	ug/L		09/04/15	Z Z	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	_	09/04/15	≦ I	SW8260C	
m&p-Xylene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C	
Methyl ethyl ketone	SS	5.0	ug/L	` _	09/04/15	ĭ I	SW8260C	
Methylene chloride	8 8	1.0	ug/L	<u> </u>	09/04/15	Z Z I	SW8260C	
Naphthalene	ND	1.0	ug/L	_	09/04/15	≤	SW8260C	
n-Butylbenzene	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C	
n-Propylbenzene	S	1.0	ug/L		09/04/15	≤	SW8260C	
o-Xylene	3 8	1.0	ug/L	د د	09/04/15	<u> </u>	SW8260C	
sec-Butylbenzene	S d	1.0	ug/L	<u> </u>	09/04/15	Z Z	SW8260C	
Styrene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C	
tert-Butylbenzene	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C	
Tetrachloroethene	N D	1.0	ug/L	_	09/04/15	ĭ I	SW8260C	
Tetrahydrofuran (THF)	5 B	2.5	ug/L	۰ ـ	09/04/15	≦ I	SW8260C	
Total Xvlenes	8 8	1.0	ng/L	<u>.</u>	09/04/15	<u> </u>	SW8260C	
trans-1,2-Dichloroethene	S	1.0	ug/L	_	09/04/15	≤ I	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	_	09/04/15	ĭ	SW8260C	
trans-1,4-dichloro-2-butene	8 8	5.0	ug/L		09/04/15	≦ I	SW8260C	
Trichloroftoromothono	3 3	1.0	ug/L	د د	09/04/15	ĭ I	SW8260C	
Trichlorotrifluoroethane	N d	1.0	ug/L	- -	09/04/15	Z Z	SW8260C	
Vinyl chloride	N	1.0	ug/L	-	09/04/15	≤ I	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	105		? %		09/04/15	≤ I	70 - 130 %	
% Dibromofly compathons	103		% %	ب د	09/04/15	ĭ I	70 - 130 %	
% Dibromoliuoromemane	102		%		09/04/15	≦ I	70 - 130 %	

Phoenix I.D.: BJ86397

Client ID: N2087-MW-4

% Toluene-d8	Parameter
102	Result PQL
	P ~
%	Units
_	Dilution
09/04/15	Date/Time
M	Ву
70 - 130 %	Reference

^{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 Quanitation) 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



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

aboratory Data

see "By" below 09/03/15 09/01/15 Date 17:17 15:35 Time

Phoenix ID: BJ86398 SDG ID: GBJ86394

Client ID: Project ID: N4931 MOBILE MEDIA P.O.#:

Rush Request: Location Code:

Standard C2G-NP

1509-1530

Matrix:

GROUND WATER

Received by: Collected by:

Б

Analyzed by:

Custody Information

CM

Sample Information

N2087-TW-4

Parameter Result PQL RL Units Dilution Date/Time В Reference

4-Methyl-2-pentanone	4-Chlorotoluene	2-Isopropyltoluene	2-Hexanone	2-Chlorotoluene	2,2-Dichloropropane	1,4-Dichlorobenzene	1,3-Dichloropropane	1,3-Dichlorobenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	1,2-Dichloroethane	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-chloropropane	1,2,4-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trichlorobenzene	1,1-Dichloropropene	1,1-Dichloroethene	1,1-Dichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	Volatiles
ND	ND	ND	ND	ND	N	ND	N	ND	N	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N	ND	
5.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.50	1.0	1.0	
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	
<u>N</u>	ĭ Z	ĭ Z	<u>≤</u>	Z I	ĭ	ĭ	ĕ	ĭ	ĭ ĭ	MH	M	ĭ I	≤ I	ĭ I	ĭ E	M	ĭ I	≤ I	≤ I	≤ I	ĭ Z	ĭ	ĭ I	ĭ ĭ	ĭ ĭ	
SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	

Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
ND	25	ug/L	_	09/04/15	M	SW8260C
ND	5.0	ug/L	_	09/04/15	MH	SW8260C
N N	0.70	ug/L	_	09/04/15	ĭ I	SW8260C
šB	1.0	ug/L		09/04/15	Ĭ I	SW8260C
8 8	0.50	ng/L	<u> </u>	09/04/15	<u>S</u> ≧	SW8260C
ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
ND	5.0	ug/L	_	09/04/15	ĭ	SW8260C
ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
N N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
<u>1</u>	1.0	ug/L		09/04/15	≤ I	SW8260C
5 8	100	ug/L	<u></u>	09/04/15	3	SW8260C
S i	0.40	ug/L		09/04/15	<u> </u>	SW8260C
ND	0.50	ug/L		09/04/15	≤ I	SW8260C
ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
8 8	1.0 0.40	ug/L		09/04/15	Z Z	SW8260C
ND	1.0	ug/L	<u>.</u>	09/04/15	Z :	SW8260C
ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
B	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
3 2	1.0	ug/L	ـ د	09/04/15	≦ I	SW8260C
S a	1.0	ug/L		09/04/15	Z Z	SW8260C
ND	1.0	ug/L	_	09/04/15	≦ I	SW8260C
N	1.0	ug/L	_	09/04/15	M	SW8260C
5 B	1.0	ug/L	_	09/04/15	M	SW8260C
3 8	1.0	ug/L	۰ ـ	09/04/15	ĭ I	SW8260C
8 8	1.0	ng/L	<u> </u>	09/04/15	Z Z I	SW8260C
ND	1.0	ug/L		09/04/15	≤	SW8260C
ND	1.0	ug/L	_	09/04/15	Ξ	SW8260C
8 8	2.5	ug/L		09/04/15	ĭ I	SW8260C
3 8	1.0	ug/L	د د	09/04/15	≤ I	SW8260C
S i	1.0	ng/L	<u> </u>	09/04/15	S S	SW8260C
ND	0.40	ug/L	<u> </u>	09/04/15	M	SW8260C
ND	5.0	ug/L	_	09/04/15	≤ I	SW8260C
S	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
8	1.0	ug/L	_	09/04/15	≤ I	SW8260C
8 8	1.0	ug/L		09/04/15	ĭ I	SW8260C
Z	7.0	ug/L	_	09/04/15	ĭ I	SW8260C
100		0			•	
20.2		% %	.	09/04/15	_ <u>≤</u>	70 - 130 %
108		% %	-	09/04/15	Z Z	70 - 130 %
		è	-	00/04/	3	70 - 130 %
	Result		PQL PQL PQL 1.0 0.50 1.0 0.50 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	PQL Units 25	RL/ PQL Units Dilution 25 Ug/L 10 0.70 Ug/L 1.0 Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L	RL/ PQL Units Dilution Date/Time 1 25 Ug/L 1 09/04/15 1 09/04/15 1 10 Ug/L 1 09/04/15 1 00 Ug/L 1 09/04/15 00 Ug/L 1 00 Ug

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

Phoenix I.D.: BJ86398

^{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 Quanitation) 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





Analysis Report

September 09, 2015

FOR:

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

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

.aboratory Data

Phoenix ID: BJ86399 SDG ID: GBJ86394

Project ID: Client ID: N4931 MOBILE MEDIA

N2087-TW-1

Parameter	
Result	
PQL	
Units	
Dilution	
Date/Time	
Ву	
Reference	

Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L		09/04/15	ĭ I	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	_	09/04/15	≤ I	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	_	09/04/15	ΣI	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L		09/04/15	ĭ I	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	_	09/04/15	M	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	_	09/04/15	MΕ	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	_	09/04/15	M	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	_	09/04/15	M	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	_	09/04/15	M I	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ΜĦ	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	→	09/04/15	ĭ I	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
1,3,5-Trimethylbenzene	N	1.0	ug/L	-	09/04/15	ĭ I	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	<u></u>	09/04/15	Ξ	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	_	09/04/15	Σ	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	M	SW8260C
2-Hexanone	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	_	09/04/15	M	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	_	09/04/15	MI	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C

Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	25	ug/L	1	09/04/15	MI	SW8260C
Acrylonitrile	ND	5.0	ug/L	_	09/04/15	M	SW8260C
Benzene	S	0.70	ug/L	_	09/04/15	M I	SW8260C
Bromobenzene	5 B	1.0	ug/L		09/04/15	ĭ ĭ	SW8260C
Bromochloromethane	3 8	1.0	ug/L	۰ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ	09/04/15	∃	SW8260C
Bromodichloromethane	88	1.0	ug/L		09/04/15	Z Z	SW8260C
Bromomethane	ND	1.0	ug/L	<u>.</u>	09/04/15	ĭ.	SW8260C
Carbon Disulfide	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	_	09/04/15	Ζ I	SW8260C
Chlorobenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Chloroethane	S	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Chloroform	8	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Chloromethane	à Z	1.0	ng/L		09/04/15	≤ I	SW8260C
cis-1,2-Dichlorographs	 	2	ug/L	. .	09/04/15	≦ I	SW8260C
Dibromochloromethane	8 8	0.50	ug/L	- -	09/04/15	Z Z	SW8260C
Dibromomethane	ND	1.0	ug/L	_	09/04/15	Μ	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	_	09/04/15	M	SW8260C
Ethylbenzene	S 8	1.0	ug/L	۰ ـ	09/04/15	Z Z	SW8260C
Isopropylbenzene	ND	1.0	ug/L	<u> </u>	09/04/15	M I	SW8260C
m&p-Xylene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
Methylene chloride	24	1.0	ug/L	۰ ـ	09/04/15	≤ I	SW8260C
Naphthalene	S d	1.0	ng/L	<u> </u>	09/04/15	<u> </u>	SW8260C
n-Butylbenzene	N	1.0	ug/L	_	09/04/15	ĭ	SW8260C
n-Propylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
o-Xylene	S	1.0	ug/L		09/04/15	≤ I	SW8260C
p-IsopropyItoluene	5 8	1.0	ug/L	ـ د	09/04/15	≦ I	SW8260C
Styrene	8 8	1.0	ng/L		09/04/15	Z Z I	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ	SW8260C
Tetrachloroethene	72	10	ug/L	10	09/05/15	Μ	SW8260C
Tetrahydrofuran (THF)	S	2.5	ug/L	_	09/04/15	ĭ I	SW8260C
Total Yylana	5 8	1.0	ug/L	د د	09/04/15	ĭ I	SW8260C
trans-1,2-Dichloroethene	S a	1.0	ug/L	<u> </u>	09/04/15	S S	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	_	09/04/15	ĭ I	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	_	09/04/15	ĭ I	SW8260C
Trichloroethene	3400	500	ug/L	500	09/05/15	≤ I	SW8260C
Trichlorofluoromethane	S	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Trichlorotrifluoroethane	3 8	1.0	ug/L	` _	09/04/15	≦ I	SW8260C
Vinyl chloride	Z	1.0	ug/L	_	09/04/15	≤ I	SW8260C
QA/QC Surrogates	200		2	~			
% I,z-dichiorobenzene-d4	00		% %	۰ ـ	09/04/15	≦ I	70 - 130 %
% Dibromofluoropenzene	107		% %	ب د	09/04/15		70 - 130 %
% Dibrolliuoromeniane	107		%	-	09/04/15	ĭ	/0 - 130 %

Phoenix I.D.: BJ86399

Client ID: N2087-TW-1

Parameter % Toluene-d8	Result	PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	126		%	1	09/04/15	₹	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 Quanitation) 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





Analysis Report

September 09, 2015

FOR:

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

Rush Request: Sample Information Location Code: Matrix: Standard C2G-NP **GROUND WATER** Received by: Collected by: Analyzed by: Custody Information CM В see "By" below 09/01/15 09/03/15 Date 17:17 16:05 Time

P.O.#:

1509-1530

Client ID: Project ID:

N2087-TW-2

N4931 MOBILE MEDIA

Phoenix ID: BJ86400 SDG ID: GBJ86394

_aboratory Data

Parameter Result PQP PQP Units Dilution Date/Time Ву Reference

Volatiles							
1,1,1,2-Tetrachloroethane	ND	500	ug/L	500	09/05/15	≤	SW8260C
1,1,1-Trichloroethane	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/L	500	09/05/15	<u>≤</u>	SW8260C
1,1,2-Trichloroethane	ND	500	ug/L	500	09/05/15	Z I	SW8260C
1,1-Dichloroethane	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,1-Dichloroethene	ND	500	ug/L	500	09/05/15	Z I	SW8260C
1,1-Dichloropropene	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,2,3-Trichlorobenzene	ND	500	ug/L	500	09/05/15	<u>≤</u>	SW8260C
1,2,3-Trichloropropane	ND	500	ug/L	500	09/05/15	N I	SW8260C
1,2,4-Trichlorobenzene	ND	500	ug/L	500	09/05/15	ĭ Z	SW8260C
1,2,4-Trimethylbenzene	ND	500	ug/L	500	09/05/15	Z I	SW8260C
1,2-Dibromo-3-chloropropane	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,2-Dibromoethane	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,2-Dichlorobenzene	ND	500	ug/L	500	09/05/15	M	SW8260C
1,2-Dichloroethane	ND	300	ug/L	500	09/05/15	ĭ I	SW8260C
1,2-Dichloropropane	ND	500	ug/L	500	09/05/15	≤ I	SW8260C
1,3,5-Trimethylbenzene	N	500	ug/L	500	09/05/15	M	SW8260C
1,3-Dichlorobenzene	ND	500	ug/L	500	09/05/15	M	SW8260C
1,3-Dichloropropane	ND	500	ug/L	500	09/05/15	M	SW8260C
1,4-Dichlorobenzene	ND	500	ug/L	500	09/05/15	ĭ I	SW8260C
2,2-Dichloropropane	ND	500	ug/L	500	09/05/15	ĭ I	SW8260C
2-Chlorotoluene	ND	500	ug/L	500	09/05/15	ĭ	SW8260C
2-Hexanone	ND	2500	ug/L	500	09/05/15	ĭ I	SW8260C
2-IsopropyItoluene	ND	500	ug/L	500	09/05/15	ĭ ĭ	SW8260C
4-Chlorotoluene	ND	500	ug/L	500	09/05/15	ĭ Z	SW8260C
4-Methyl-2-pentanone	ND	2500	ug/L	500	09/05/15	≤ I	SW8260C

Parameter	Result	PPE	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	13000	ug/L	500	09/05/15	₹	SW8260C
Acrylonitrile	ND	2500	ug/L	500	09/05/15	ĭ I	SW8260C
Benzene	88	350	ug/L	500	09/05/15	ĭ I	SW8260C
Bromochloromethane	S d	500	ug/L	500	09/05/15	<u> </u>	SW8260C
Bromodichloromethane	N	250	ug/L	500	09/05/15	Z :	SW8260C
Bromoform	ND	500	ug/L	500	09/05/15	Μ	SW8260C
Bromomethane	N	500	ug/L	500	09/05/15	M	SW8260C
Carbon Disulfide	ND	2500	ug/L	500	09/05/15	ĭ	SW8260C
Carbon tetrachloride	ND	500	ug/L	500	09/05/15	ĭ I	SW8260C
Chlorobenzene	3 B	500	ug/L	500	09/05/15	ĭ I	SW8260C
Chloroform	8 8	500	ug/L	500	09/05/15	Z Z	SW8260C
Chloromethane	ND	500	ug/L	500	09/05/15	<u>S</u>	SW8260C
cis-1,2-Dichloroethene	ND	500	ug/L	500	09/05/15	M	SW8260C
cis-1,3-Dichloropropene	ND	200	ug/L	500	09/05/15	Μ	SW8260C
Dibromochloromethane	5 B	250	ug/L	500	09/05/15	≤ I	SW8260C
Dichlorodifluoromethane	8 8	500	ug/L	500	09/05/15	Z I I	SW8260C
Ethylbenzene	ND	500	ug/L	500	09/05/15	S I	SW8260C
Hexachlorobutadiene	ND	200	ug/L	500	09/05/15	≤	SW8260C
Isopropylbenzene	8 8	500	ug/L	500	09/05/15	Ξ	SW8260C
Methyl ethyl ketone	8 8	2500	ug/L	500	09/05/15	Z Z	SW8260C
Methyl t-butyl ether (MTBE)	N D	500	ug/L	500	09/05/15	ĭ I	SW8260C
Methylene chloride	ND	500	ug/L	500	09/05/15	ĭ	SW8260C
Naphthalene	8	500	ug/L	500	09/05/15	ĭ I	SW8260C
n-Pronylhenzene	3 3	500	ug/L	500	09/05/15	i i	SW8260C
o-Xylene	N i	500	ug/L	500	09/05/15	Z S	SW8260C
p-Isopropyltoluene	ND	500	ug/L	500	09/05/15	ĭ I	SW8260C
sec-Butylbenzene	R	500	ug/L	500	09/05/15	\leq I	SW8260C
Styrene	S	500	ug/L	500	09/05/15	≤ I	SW8260C
Tetrachloroethene	5 8	500	ug/L	500	09/05/15	ĭ I	SW8260C
Tetrahydrofuran (THF)	8	1300	ug/L	500	09/05/15	<u> </u>	SW8260C
Toluene	S	500	ug/L	500	09/05/15	ĭ.	SW8260C
Total Xylenes	ND	500	ug/L	500	09/05/15	ĭ I	SW8260C
trans-1,2-Dichloroethene	5 B	500	ug/L	500	09/05/15	ĭ I	SW8260C
trans-1,3-Dichloropropene	5 5	200	ug/L	500	09/05/15	ĭ I	SW8260C
Trichloroethene	3000	2500	ug/L	500	09/05/15	ĭ I	SW8260C
Trichlorofluoromethane	ND 8	500	na/L	500	09/05/15	Z Z	SW8260C
Trichlorotrifluoroethane	ND	500	ug/L	500	09/05/15	<u> </u>	SW8260C
Vinyl chloride	ND	500	ug/L	500	09/05/15		SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	500	09/05/15	ĭ I	70 - 130 %
% Bromofluorobenzene	97		%	500	09/05/15		70 - 130 %
% Dibromoliuoromethane	108		%	500	09/05/15	Ĭ.	70 - 130 %

Phoenix I.D.: BJ86400

Client ID: N2087-TW-2

Parameter % Toluene-d8 Result 100 PQL PQL Units % Dilution 500 Date/Time 09/05/15 ĭ I Ву Reference 70 - 130 %

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

Comments:

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Phyllis/Shiller, Laboratory Director

September 09, 2015

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





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 1509-1530 Standard C2G-NP **GROUND WATER** Received by: Collected by: Custody Information Analyzed by: CM see "By" below В Date

aboratory Data

P.O.#:

Rush Request:

Location Code:

Matrix:

Project ID: Client ID:

N4931 MOBILE MEDIA

N2087-TW-3

09/01/15 09/03/15 SDG ID: GBJ86394 17:17 16:20

Time

Phoenix ID: BJ86401

Date/Time В Reference

Parameter

Result

PQP PQP

Units

Dilution

4-Methyl-2-pentanone	4-Chlorotoluene	2-Isopropyltoluene	2-Hexanone	2-Chlorotoluene	2,2-Dichloropropane	1,4-Dichlorobenzene	1,3-Dichloropropane	1,3-Dichlorobenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	1,2-Dichloroethane	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-chloropropane	1,2,4-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trichlorobenzene	1,1-Dichloropropene	1,1-Dichloroethene	1,1-Dichloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	Volatiles
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N	
5.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.50	1.0	1.0	
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	
M	ĭ I	ĭ	ĭ I	ĭ I	M	ĭ	ĭ I	ĭ I	N N	ĭ I	S I	ĭ Z	ĭ Z	ĭ I	ĭ I	ĭ I	ĭ I	MH	ĭ ∐	ĭ I	ĭ I	≤ I	ĭ I	M	M	
SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	SW8260C	

Parameter	Result	PQL PQL	Units	Dilution	Date/Time	Ву	Reference
Acetone	ND	25	ug/L	_	09/04/15	M I	SW8260C
Acrylonitrile	S	5.0	ug/L	_	09/04/15	M	SW8260C
Benzene	5 B	0.70	ug/L		09/04/15	ĭ I	SW8260C
Bromochloromethane	8 8	1.0	ng/L		09/04/15	Z Z I	SW8260C
Bromodichloromethane	N	0.50	ug/L	<u> </u>	09/04/15	Z :	SW8260C
Bromoform	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Bromomethane	N	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Carbon Disulfide	ND	5.0	ug/L	_	09/04/15	Σ	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	_	09/04/15	ĭ E	SW8260C
Chlorobenzene	ND	1.0	ug/L	→	09/04/15	ĭ I	SW8260C
Chloroethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Chloroform	N	1.0	ug/L	_	09/04/15	ĭ Z	SW8260C
Chloromethane	S	1.0	ug/L	_	09/04/15	≤ I	SW8260C
cis-1,2-Dichloroethene	; <u>1</u>	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Dibromochloromethane	3 8	0.40	ug/L	- د	09/04/15	<u> </u>	SW8260C
Dibromomethane	S	1.0	ng/L	<u> </u>	09/04/15	<u> </u>	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Ethylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	_	09/04/15	ĭ I	SW8260C
Isopropylbenzene	8 8	1.0	ug/L		09/04/15	Ĭ I	SW8260C
Methyl ethyl ketone	8 8	5.0	ug/L		09/04/15	Z Z Z	SW8260C
Methyl t-butyl ether (MTBE)	3.8	1.0	ug/L	_	09/04/15	≤ I	SW8260C
Methylene chloride	N	1.0	ug/L	_	09/04/15	₹	SW8260C
Naphthalene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
n-Butylbenzene	N	1.0	ug/L	_	09/04/15	M	SW8260C
n-Propylbenzene	5 B	1.0	ug/L		09/04/15	≤ I	SW8260C
n-Isopropyltolijene	3 3	10	ug/L	.	09/04/15	Z Z	SW8260C
sec-Butylbenzene	N	1.0	ug/L	- -	09/04/15	S S	SW8260C
Styrene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Tetrachloroethene	2.6	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
Tetrahydrofuran (THF)	5 8	2.5	ug/L	۰ ــ	09/04/15	≦ I	SW8260C
Total Xvlenes	8 8	1.0	ug/L	ـ د	09/04/15	Z Z	SW8260C
trans-1,2-Dichloroethene	N	1.0	ug/L	→ .	09/04/15	<u> </u>	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	-	09/04/15	≤	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	_	09/04/15	ĭ	SW8260C
Trichloroethene	180	10	ug/L	10	09/08/15	M	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	_	09/04/15	ĭ Z	SW8260C
Trichlorotrifluoroethane	N	1.0	ug/L	→	09/04/15	ĭ I	SW8260C
Vinyl chloride	ND	1.0	ug/L	_	09/04/15	ĭ I	SW8260C
QA/QC Surrogates	200		?				
% Franchischerzene-04	DF 103		% %	` _	09/04/15	ĭ I	70 - 130 %
% Dibromofly promethane	104		% %	<u>.</u>	09/04/15		70 - 130 %
מ טומיסוויסוויסויסוויסויסוויסויסוויסויסוויסו	-		70	_	09/04/15	\le	/0 - 130 %

Phoenix I.D.: BJ86401

Client ID: N2087-TW-3

% Toluene-d8 Parameter Result 104 PQL PQL Units % Dilution Date/Time 09/04/15 Ву ≤ I Reference 70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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

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





QA/QC Report

September 09, 2015

QA/QC Data

SDG I.D.: GBJ86394

QA/QC Batch 319402 (ug/L), QC Sample No: BJ86269 (BJ86394, BJ86395, BJ86397, BJ86398, BJ86399, BJ8649	Parameter
≀C Sample No: Bપ	Blank RL
J86269 (BJ86394, BJ8639	
95, BJ	%CS
86397,	LCSD
BJ8639	LCS RPD
8, BJ8	%IS
6399, B	%SD
J86401	RPD
⁻	% Rec Limits
	% RPD Limits

Volatiles - Ground Water

	30	/0 - 130	2.0	2	ō		į	
	2 0	70-100	3 :	3 :	100	10	5	cis-1.2-Dichloroethene
	20	70 - 130	74	20	78	1.0	N	Chloromethane
	30	70 - 130	6.9	105	98	1.0	ND	Chloroform
	30	70 - 130	10.6	99	89	1.0	ND	Chloroethane
	30	70 - 130	4.1	100	96	1.0	N	Chlorobenzene
	30	70 - 130	2.9	104	101	1.0	ND	Carbon tetrachloride
	30	70 - 130	6.6	109	102	1.0	B	Carbon Disulfide
_	30	70 - 130	8.3	75	69	1.0	B	Bromomethane
	30	70 - 130	4.6	111	106	1.0	N	Bromoform
	30	70 - 130	4.6	≓	106	0.50	B	Bromodichloromethane
	30	70 - 130	9.3	101	92	1.0	B	Bromochloromethane
	30	70 - 130	1.0	99	98	1.0	B	Bromobenzene
	30	70 - 130	7.0	104	97	0.70	N	Benzene
	30	70 - 130	3.9	104	100	5.0	ND	Acrylonitrile
	30	70 - 130	7.3	113	105	5.0	B	Acetone
	30	70 - 130	2.0	102	100	5.0	B	4-Methyl-2-pentanone
	30	70 - 130	2.1	98	96	1.0	N	4-Chlorotoluene
	30	70 - 130	1.9	105	103	1.0	N	2-Isopropyltoluene
	30	70 - 130	3.9	104	100	5.0	B	2-Hexanone
	30	70 - 130	3.0	102	99	1.0	ND	2-Chlorotoluene
	30	70 - 130	7.1	87	81	1.0	B	2,2-Dichloropropane
	30	70 - 130	2.1	98	96	1.0	B	1,4-Dichlorobenzene
	30	70 - 130	1.0	103	102	1.0	B	1,3-Dichloropropane
	30	70 - 130	2.1	98	96	1.0	ND	1,3-Dichlorobenzene
	30	70 - 130	2.9	104	101	1.0	B	1,3,5-Trimethylbenzene
	30	70 - 130	5.1	100	95	1.0	B	1,2-Dichloropropane
	30	70 - 130	3.8	107	103	1.0	B	1,2-Dichloroethane
	30	70 - 130	1.0	97	96	1.0	ND	1,2-Dichlorobenzene
	30	70 - 130	1.0	104	105	1.0	R	1,2-Dibromoethane
	30	70 - 130	6.3	99	93	1.0	ND	1,2-Dibromo-3-chloropropane
	30	70 - 130	1.0	100	99	1.0	ND	1,2,4-Trimethylbenzene
	30	70 - 130	0.9	106	105	1.0	ND	1,2,4-Trichlorobenzene
	30	70 - 130	5.0	103	98	1.0	ND	1,2,3-Trichloropropane
	30	70 - 130	2.8	109	106	1.0	ND	1,2,3-Trichlorobenzene
	30		7.0	104	97	1.0	ND	1,1-Dichloropropene
	30		10.2	103	93	1.0	ND	1,1-Dichloroethene
	30	70 - 130	6.0	103	97	1.0	ND	1,1-Dichloroethane
	30	70 - 130	5.0	102	97	1.0	B	1,1,2-Trichloroethane
	30	70 - 130	5.8	107	101	0.50	B	1,1,2,2-Tetrachloroethane
	30	70 - 130	5.7	108	102	1.0	ND	1,1,1-Trichloroethane
	30	70 - 130	2.8	108	105	1.0	B	1,1,1,2-Tetrachloroethane
								A CIGUICO CILOUITO TYCICI

QA/QC Data

SDG I.D.: GBJ86394

Parameter	Blank	P 및	LCS	LCSD %	LCS RPD	% MS	%SD	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	N	1.0	102	104	1.9				70 - 130	30
m&p-Xylene	N	1.0	100	103	3.0				70 - 130	30
Methyl ethyl ketone	N	5.0	96	101	5.1				70 - 130	30
Methyl t-butyl ether (MTBE)	N	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	B	1.0	96	98	2.1				70 - 130	30
n-Propylbenzene	S	1.0	92	95	3.2				70 - 130	30
n loopondtoliono	5 6		105	901	3./				70 - 130	30
sec-Butylbenzene	2 6	1.0	100	102) C				70 - 130	30
Styrene	ND	1.0	102	106	ა ა				70 - 130	30
tert-Butylbenzene	N	1.0	101	105	3.9				70 - 130	30
Tetrachloroethene	N	1.0	95	102	7.1			80 20 3	70 - 130	30
Tetrahydrofuran (THF)	N	2.5	105	=	5.6				70 - 130	30
Toluene	N	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	N	0.40	107	=======================================	3.7				70 - 130	30
trans-1,4-dichloro-2-butene	N	5.0	86	86	0.0				70 - 130	30
Trichloroethene	ND	1.0	96	102	6.1			121141	70 - 130	30
Trichlorofluoromethane	N N	1.0	87	93	6.7			2.1	70 - 130	30
Trichlorotrifluoroethane	Z	1.0	80	87	8.4				70 - 130	30
Vinyl chloride	S	1.0	87	96	9.8			277	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			~1	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

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

QA/QC Data

SDG I.D.: GBJ86394

30 6	70 - 130	70			4.2	122	117	5.0		N	trans-1,4-dichloro-2-butene
30		70			0.0	114	1 5	0.40		8 8	trans-1,3-Dichloropropene
30		7(2 2	93	5 9	100			trans_1 2_Dichloroethone
30		7(2.7	112	109	i N. O		£ 8	Telijene
30	70 - 130	70			5.2	94	99	1.0		N	Tetrachloroethene
30		7(1.0	97	98	1.0		ND	tert-Butylbenzene
30		7(3.9	101	105	1.0		ND	Styrene
30		70			1.0	97	98	1.0		ND	sec-Butylbenzene
30		70			2.1	96	98	1.0		ND	p-IsopropyItoluene
30		7(3.8	102	106	1.0		ND	o-Xylene
30		7(0.0	90	90	1.0		ND	n-Propylbenzene
30		7(2.1	94	96	1.0		ND	n-Butylbenzene
30		7(4.0	128	123	1.0		ND	Naphthalene
30		7(1.0	99	98	1.0		ND	Methylene chloride
30		7(0.9	115	116	1.0		ND	Methyl t-butyl ether (MTBE)
30		70			4.8	101	106	5.0		ND	Methyl ethyl ketone
30		71			<u>3.1</u>	95	98	1.0		ND	m&p-Xylene
30		71			3.0	97	100	1.0		ND	Isopropylbenzene
30		7			4.2	93	97	0.40		ND	Hexachlorobutadiene
30		7			3.1	96	99	1.0		ND	Ethylbenzene
30		7			3.2	92	95	1.0		ND	Dichlorodifluoromethane
30		7			1.0	101	102	1.0		ND	Dibromomethane
30		7			0.0	108	108	0.50		ND	Dibromochloromethane
30		7			0.9	<u> </u>	110	0.40		ND	cis-1,3-Dichloropropene
30		7			6.9	98	105	1.0		ND	cis-1,2-Dichloroethene
30	70 - 130	7			5.3	92	97	1.0		ND	Chloromethane
30	70 - 130	7			ω .1	94	97	1.0		ND	Chloroform
30	70 - 130	7			6.4	91	97	1.0		ND	Chloroethane
30	70 - 130	7			2.1	95	97	1.0		ND	Chlorobenzene
30 0	70 - 130	7			o .	89	95 7	1.0		ND	Carbon tetrachloride
30 0	70 - 130	J -			40	9 3	102	1.0		ND i	Carbon Disulfide
3 6	70 130	J -			10	107	100	1.0		ND	Bromomethane
30	70 - 130	J -			ω - υ τ	115	111	1.0		ND i	Bromoform
300	70 130	J -			1 9	106	108	0.50		ND i	Bromodichloromethane
30	70 - 130	J -			1.9	105	107	1.0		ND :	Bromochloromethane
30	70 130				1 1	1 5	103	1.0		ND i	Bromobenzene
3 6	70 100	1 -) i	07	1 :	0.70		N :	Benzene
30	70 130				4 5	116	19 1	5.0		N i	Acrylonitrile
30 20	70 130				14.3	105	9 3	50		N i	Acetone
30 20	70 130	ř .			1 0	106	102	5.0		N i	4-Methyl-2-pentanone
30	70 - 130) .	99	8 8	10		N i	4-Chlorotoluene
30	70 - 130				0.0	8 5	5 5	10	י כ	S d	2-Isopropyltoluene
30	70 - 130				л <u>-</u>	106	3 8	J ::	י כ	3 6	2-Hexanone
30	70 - 130				1 0	97	9 5	1.0	0 1	N i	2-Chlorotoluene
3 6	70 130				л - Э с	07	3 8	10	J 1	N i	2.2-Dichloropropane
30 0	70 130				10	£ 5	99 7	1.0	0 1	ND i	1,4-Dichlorobenzene
3	70 130				5 .	105	10.	10	י כ	N i	1.3-Dichloropropane
3 0	70 130				1 !	99	9 6	1.0	B	z	1,3-Dichlorobenzene
30	70 - 130				20	97	99	1.0	B	z	1,3,5-Trimethylbenzene
3 6	70 130				٥ <u>ا</u>	90	101	1.0	N	z	1,2-Dichloropropane
30 8	70 - 130				2.0	100	98	1.0	N	z	1,2-Dichloroethane
an l	70 - 130				2.0	203	101	1.0	B	z	1,2-Dichlorobenzene
RPD	क्षे	RPD	MSD	%MS	RPD	LCSD	%CS	P	Blank F	Bl	Parameter
R	8										

QA/QC Data

SDG I.D.: GBJ86394

Parameter	Blank RL	꾸쯪	"" LCS	LCSD	LCS RPD	% MS	MSD %	RPD	MS Rec RPD RPD Limits Limits	RPD Limits	
Trichloroethene	N	1.0	98	95	3.1				70 - 130 30	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	N	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	Ci cai a state
70 - 130 30	

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%.

= 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

Sample Criteria Exceedences Report

GBJ86394 - C2G-NP

Criteria: None State: NY

SampNo

Acode

Phoenix Analyte

Criteria

Result

RL

RL Criteria Criteria Analysis Units

Page 1 of 1

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.

^{***} No Data to Display ***



NY Temperature Narration

September 09, 2015



SDG I.D.: GBJ86394

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

				Coola	int: IPK ICE No
NY/I	NJ CHAIN OF CU	JSTODY RECO	RD	Te	emp 4 °C Pg of
PHOENIX 587 East	Middle Turnpike, P.O. Bo	ov 370 Manchester C	T 06040		ontact Options:
Ema	il: info@phoenixlabs.com			Fax: Phone:	
Environmental Laboratories, Inc.	Client Services (K Email:	1911@ CZ9.US
Customer: CZG ENV CONSULTANTS, LLC		4931 - MOISIL	E MEDIA	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	P.O: 1509-1530
Address: 83 S PUTT CORNEIZS 121)		CALES MALL			This section MUST be
NEW PALTE, NY	Invoice to:	CZG	***		completed with
·					Bottle Quantities.
Client Sample - Information - Identification		////	////		* * * * * * * * * * * * * * * * * * *
Sampler's Signature Client Sample - Information - Identification	Analysis /	/////			1 12 12 12 12 12 12 12 12 12 12 12 12 12
Matrix Code:	Request	/////			
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water	/6/	/////	/////	Transit of	3 1 2 3 3 3 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 1 3 5 6 6 6 1 3 5 6 6 6 1 3 5 6 6 6 1 3 5 6 6 6 1 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid	\$140	////	////	11/11/11/11	
PHOENIX HOS				a Vals Solding Solding	
PHOENIX USE Customer Sample Sample Date Time ONLY SAMPLE # Identification Matrix Sampled Sampled	(C) / /	/////			
86394 NZO87-MW-1 GW 9/1/15 1435	X			3	YYYY
86395 N2087-MW-Z GW 9/1/15 1450	X			3	
810396 NZOFT-MW-3 GW 9/1/15 1505	X			3	
86397 N2087-MW-4 GW 9/1/15 1520	×			3	
84398 NO87-TW-4 GW 9/1/11-1535	X			3	
86399 N25-7-TW-1 GW 9/1/1- 1555	X	+ + + +		3	
86400 NZOFT-TW-Z GW 9/1/1- 1605		+ + + + -		3	
86400 NZOFT-TW-Z GW 9111-1605 86401 NZOFT-TW-3 GW 9111-1620	$ \hat{x} $	+ + + -			
3 4 TITI 10		+ + + + + -		3	
Relinquished by: Accepted by: Date:		+			
Relinquished by: Accepted by: Date:	Time:	Turnaround: NJ	Res. Criteria	<u>NY</u> □ TAGM 4046 GW	Data Format
The state of the s	11:22	2 Days*	Non-Res. Criteria	TAGM 4046 SOIL	Phoenix Std Report Excel
Charadire 9/3	115 117	3 Days*	mpact to GW Soil Cleanup Criteria	NY375 Unrestricted Use Soil	
Comments, Special Requirements or Regulations:		_ ☐ 10 Days ☐ (GW Criteria	NY375 Residential	GIS/Key EQuIS
The state of the s		U Other		Soil	NJ Hazsite EDD
		* SURCHARGE APPLIES	ľ	Restricted/Resident Commercial	
		120		Industrial	Other
				-	Data Package
		State where samp	les were collected:	NV	NJ Reduced Deliv. * NY Enhanced (ASP B) *
					Other