



Quarterly Groundwater Monitoring Report

For

4th QUARTER – October 2015
NYSDEC Spill # 13-10667

Site:

Vacant Tenant Space @ Nostrand Place
3806 Nostrand Avenue
Brooklyn, New York 11235
CNS Job #: D196

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
1 Hunter's Point Plaza
47-40 21st Street
Long Island City, NY 11101
Attention: Mr. Santosh Mahat

On Behalf of:

Acadia Realty Trust, LLC
1311 Mamaroneck Avenue, Suite 260
White Plains, NY 10605
Attention: Brian Bacharach

Prepared by:

CNS Management Corporation
208 Newtown Road
Plainview, NY 11803

November 24, 2015

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1.0 INTRODUCTION

CNS Environmental (CNS) was retained by Acadia 3780-3858 Nostrand, LLC to conduct quarterly groundwater sampling for the property located at 3806 Nostrand Avenue in Brooklyn, New York; referred to hereafter as the “subject site”.

The subject site is a vacant tenant space within Nostrand Place, located at 3780-3860 Nostrand Avenue property, improved with six structures constructed in stages between 1959 through 1982, and spans the entire west side of the city-block from Avenue Y south to Avenue Z. Nostrand Place is currently occupied by commercial tenants, including banks, restaurants, retail stores, medical offices and a parking garage. See Figure I: Site Location Map.

2.0 BACKGROUND

CNS reviewed a Phase I Environmental Site Assessment (ESA) completed by LCS, Inc. (LCS) in December of 2012 for the subject site; where based on CNS’ review of the ESA, LCS identified a former drycleaner as an on-site Recognized Environmental Condition (REC), which was said to have operated from at least 1968 through 1996. LCS based this conclusion on a review of historical Sanborn Fire Insurance Maps, which identified the structure improved at 3796 Nostrand Avenue as occupied by a drycleaner. CNS reviewed the historical Sanborn Maps included in the ESA, which depicts the “dry cleaner” notation on the 1968 through 2007 maps; however as stated within the ESA, City Directories for the property were not reviewed because it was LCS’ opinion that historical use was adequately determined based on Sanborn maps. LCS concluded that unless sufficient documentation is provided, a subsurface investigation is warranted to assess the environmental conditions on the subject site due to historic use as a drycleaner.

Due to the absence of additional documentation confirming the existence of a drycleaner at the subject site; CNS ordered City Directories, which covered each potential past or current address that may have been used by the property since its construction.

The City Directories revealed that the address of 3796 Nostrand Avenue (currently occupied by Chop Stix Restaurant) was not identified with any dry cleaning tenants based on its 1965 through 1992 listings; however a drycleaner by the name of “Debbie Cleaners” was identified under the address of 3804 Nostrand Avenue (currently occupied by Chase Bank). This address identifies the drycleaner in its 1965 through 1973 listings; however its actual occupancy may have occurred as early as 1959 when the building was constructed, through 1985 at which time the tenant is listed as “Flower Den”.

In order to further investigate the discrepancy between the Sanborn Maps reviewed by LCS identifying a drycleaner at 3796 Nostrand Avenue, and the City Directories reviewed by CNS identifying a drycleaner at 3804 Nostrand Avenue; CNS compared the historical Sanborn Maps to a site plan showing the current division of tenant spaces within the northernmost building constructed in 1959. Based upon CNS’s review, the division of tenant spaces shown on the Sanborn Maps is different from that of the current tenant spaces, and were thus identified under different addresses. When the Sanborn Map is further compared to a current site plan, the drycleaner notation would appear within the current Chase Bank tenant space located at 3804 Nostrand Avenue; therefore it is CNS’s opinion that the current 3804 Nostrand Avenue tenant space was originally addressed as 3796 Nostrand Avenue, however remained uncorrected on the Sanborns Maps through the numerous tenant occupancy changes.

Based upon these findings, CNS agreed with LCS' recommendation that a subsurface investigation was warranted to assess the environmental conditions on the subject site due to historic use as a drycleaner; however CNS recommended this investigation be completed within the vicinity of the current 3804 Nostrand Avenue occupant, Chase Bank, based upon its historical data.

A site visit was conducted on Wednesday, February 27, 2013 to determine an appropriate investigation approach. During the site visit it was determined that access to the bank space would not be permitted due to the sensitivity of the operation; therefore it was determined that in lieu of conducting the investigation within 3804 Nostrand Avenue, the investigation would take place immediately downgradient of the bank within the basement of the neighboring tenant space located at 3806 Nostrand Avenue.

In response to the above-mentioned findings and recommendations, on Friday, April 12, 2013 CNS Environmental Corp. (CNS) conducted a site investigation at the 3806 Nostrand Avenue vacant tenant space. The investigation involved the collection of soil samples and a groundwater sample from one (1) soil boring to investigate soil and groundwater quality at the subject site. Additionally, CNS collected one soil-gas sample, one indoor air sample and one ambient air sample to investigate soil vapor and indoor air quality at the subject site. The laboratory results identified that the groundwater and soil vapor contained dry cleaning compounds. CNS recommended notification to the NYSDEC regarding the contaminants, identification and mitigation of potential sources of Indoor air contaminants and conducting additional site investigations to characterize the extent of the dry-cleaning compounds.

CNS installed three permanent monitoring wells (NW1 through NW3) and collected a total of eight soil samples. Soil analytical results identified dry cleaning related compounds above the laboratory's minimum detection limit but below their respective NYSDEC Commercial SCO's. CNS collected three baseline groundwater samples from the three (3) monitoring wells, located in the front sidewalk grade (NW1), rear sidewalk grade (NW2) and basement grade (NW3) of the subject site. Groundwater analytical results identified dry-cleaning related compounds (PCE, DCE and TCE) within monitoring well samples NW2-GW2A (Sidewalk grade to the west) and NW3-GW3A (Basement) exceeding their respective NYSDEC TOGS 1.1.1 GA values. Based upon the findings, CNS contacted the NYSDEC and was issued Spill #13-10667. Additionally, CNS been conducting quarterly groundwater sampling events on the monitoring wells NW1, NW2, and NW3.

CNS completed a Soil Vapor Intrusion Investigation Report dated September 21, 2015, bound under separate cover, which identified the VOC constituents Tetrachloroethene and Trichloroethene, both exceeding their respective minimum NYSDOH Decision Matrix concentrations and USEPA Target Shallow Soil Gas Concentrations. Based on the findings CNS recommended a Sub-slab Depressurization System be designed and installed to mitigate the affected areas of the subject site.

CNS completed a Supplemental Phase II Subsurface Investigation dated November 17, 2015, bound under separate cover, to further delineate the identified groundwater plume in order to develop a Remedial Action Plan. A total of three (3) permanent groundwater monitoring wells (NW4, NW5, and NW6), and three (3) temporary groundwater wells (TW1, TW2 and TW3) were installed and sampled. Soil analytical results did not identify any contaminants exceeding the NYSDEC Unrestricted SCO's, however dry cleaning related contaminants were identified in the groundwater within the temporary wells exceeding NYSDEC Groundwater Standards. Based upon the finding CNS recommended developing and implementing a Remedial Action Plan.

Previous sampling events occurred on November 21, 2013, April 14, 2014, July 14, 2014, October 23, 2014, January 8, 2015, June 3, 2015, and September 8, 2015.

3.0 FIELD ACTIVITIES

On Friday, October 30, 2015, CNS collected groundwater samples from the six (6) existing monitoring wells NW-1, NW-2, NW-3, NW-4, NW-5, and NW-6 (See Figure II: Monitoring Well Locations). Monitoring wells NW-4, NW-5, and NW-6 were installed on October 16, 2015; therefore, the current analytical will be considered as the baseline for the three (3) wells. Prior to collecting the groundwater samples, CNS measured the depth to groundwater from the top of the well casings utilizing an electronic Keck Water Level Meter.

Prior to sampling, the wells were purged of 3 to 5 well volumes utilizing a low flow submersible pump with disposable tubing. In addition, after the final well purge within each monitoring well, measurements for temperature, conductivity, pH, dissolved oxygen and oxygen-reduction potential (ORP) were collected, utilizing a YSI 556 Multi Probe System within non-chemically analyzed clean sample jars. See Table I for Groundwater Measurements.

The collected groundwater samples were collected in accordance with USEPA “Test Methods for Evaluating Solid Waste, Physical/Chemical Methods” (SW-846) and analyzed for VOCs in accordance with NYSDEC Protocols under EPA analytical Methods 8260. The groundwater samples were placed in laboratory supplied glassware, packed in an ice-filled cooler accompanied by chain-of-custody documentation and picked up by Phoenix Environmental Laboratories, Inc. and transported to their facility located at 587 East Middle Turnpike, Manchester, CT 06040. See Appendix A for Laboratory Analytical Data Sheets.

The collected groundwater samples were compared against the NYSDEC’s Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Groundwater Effluent Limitations (NYSDEC Groundwater Standards). A summary of the analytical results are presented in Table I herein.

4.0 GROUNDWATER MEASUREMENT PARAMETERS

As indicated in Table I on the following pages, temperature levels ranged between 64.89 °F through 66.66 °F with an average temperature of 65.85 °F. pH levels ranged between 7.38 through 7.41. Dissolved Oxygen levels ranged between 1.13 through 4.15 mg/l. Qualitative ORP levels ranged from -51.4 through -37.0

Table I: Groundwater Measurements

Monitoring Well #	NW-1						
Sampling Event	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Date	4/11/2014	7/14/2014	10/23/2014	1/8/2015	6/3/2015	9/8/2015	10/30/2015
Depth to Groundwater	11'7"	11'4"	11'6"	13'11"	11'6"	11.8'	11.9
Time Collected	12:01	12:44	15:59	15:51	16:21	1550	1319
Temperature (F°)	53.26	63.79	65.08	59.05	61	70.48	66.66
Conductivity (m ^s /cm)	0.016	9.56	26.52	21.12	40.87	39.87	37.50
Dissolved Oxygen (mg/L)	0.012	2.08	3.80	4.01	4.96	2.00	2.02
pH	12.13	7.32	7.98	7.47	7.93	-4.21	7.39
ORP	7.47	-226.7	58.0	-65.5	30.2	520.8	-43.6

Monitoring Well #	NW-2						
Sampling Event	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Date	4/11/2014	7/14/2014	10/23/2014	1/8/2015	6/3/2015	9/8/2015	10/30/2015
Depth to Groundwater	11'9"	12'	11'8"	12.2'	8'	12'	12.7
Time Collected	12:23	11:15	16:28	14:43	16:44	1529	1515
Temperature (F°)	56.87	62.95	64.20	57.72	58.06	69.22	65.56
Conductivity (m ^s /cm)	0.009	60.53	26.14	20.34	26.76	31.39	38.22
Dissolved Oxygen (mg/L)	0.005	2.32	3.63	4.06	10.57	1.57	1.13
pH	12.35	7.32	7.92	7.50	7.93	9.42	7.39
ORP	7.22	-216.3	216.1	69.8	-30.2	-117.9	-40.6

Monitoring Well #	NW-3						
Sampling Event	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Date	4/11/2014	7/14/2014	10/23/2014	1/8/2015	6/3/2015	9/8/2015	10/30/2015
Depth to Groundwater	3'	3'	3'	3'1"	3'	3.1'	3'
Time Collected	12:28	11:58	17:01	15:10	17:39	1500	1601
Temperature (F°)	52.43	63	66.29	61.11	65.33	68.47	65.58
Conductivity (m ^s /cm)	0.012	3.897	14.40	22.44	25.75	26.61	24.69
Dissolved Oxygen (mg/L)	0.009	2.38	6.80	4.05	3.76	2.63	1.38
pH	12.75	7.15	7.81	7.45	7.87	9.63	7.38
ORP	7.76	-207.6	288.4	50.50	-29.3	-122.1	-37.0

Monitoring Well #	NW-4
Sampling Event	Q4
Date	10/30/2015
Depth to Groundwater	3'
Time Collected	1430
Temperature (F°)	67.39
Conductivity (m ^s /cm)	20.36
Dissolved Oxygen (mg/L)	3.07
pH	7.41
ORP	-51.4

Monitoring Well #	NW-5
Sampling Event	Q4
Date	10/30/2015
Depth to Groundwater	12.9'
Time Collected	1505
Temperature (F°)	64.89
Conductivity (m ^s /cm)	27.06
Dissolved Oxygen (mg/L)	4.15
pH	7.39
ORP	-38.8

Monitoring Well #	NW-6
Sampling Event	Q4
Date	10/30/2015
Depth to Groundwater	11.8'
Time Collected	1540
Temperature (F°)	65.07
Conductivity (m ^s /cm)	22.58
Dissolved Oxygen (mg/L)	1.32
pH	7.41
ORP	-41.6

5.0 GROUNDWATER ANALYTICAL RESULT INTERPRETATION

Monitoring wells NW1, NW2, and NW3 baseline groundwater sampling event occurred on November 21, 2013; and monitoring wells NW4, NW5, and NW6 current analytical results will be used as their baseline, due to the recent installation. Current analytical results compared to the NYSDEC Groundwater Standard values are summarized herein within Table II on the following pages. Analytical results associated with this sampling event are as follows:

NW1: The constituents cis-1, 2,-Dichloroethene (5.8 ppb), and Tetrachloroethene (5.3 ppb) were identified exceeding their respective NYSDEC Groundwater Standards of 5 ppb. Compared to the baseline analytical results, Tetrachloroethene has slightly increased in concentration, and cis-1, 2,-Dichloroethene has increase in concentration since the previous quarter.

NW2: Cis-1,2,-Dichloroethene was detected at 690 ppb, Tetrachloroethene (PCE) was detected at 2,000 ppb, Trichloroethene (TCE) was detected at 360, and trans-1,2,-Dichloroethene was detected at 12 ppb, all exceeding their respective NYSDEC Groundwater Standards of 5.0 ppb, respectively. Compared to the baseline analytical results, all identified VOC constituents have increased in concentration. When compared to the previous quarter, all identified constituents have slightly increase with the exception of the constituent Tetrachloroethene which remaining at the same concentration.

NW3: The constituents Chloromethane was detected at 5.4 ppb and Tetrachloroethene (PCE) was detected at 6.8 ppb, both exceeding their respective NYSDEC Groundwater Standards of 5.0 ppb. Additionally the constituents Methyl-tert-butyl ether, Trichloroethene, and Vinyl chloride were identified above the laboratory's minimum detection limit; however, were below their respective NYSDEC Groundwater Standards. When compared to the baseline analytical results Tetrachloroethene has increased in concentration, while Chloromethane has increased when compared to the previous quarter.

NW4: The constituents Tetrachloroethene (78 ppb) and Trichloroethene (8.5 ppb) were both identified exceeding their respective NYSDEC Groundwater Standards of 5.0 ppb. Additionally the constituents cis-1,2,-Dichloroethene and Methyl-tert-butyl ether were identified above the laboratory's minimum detection limit; however, were below their respective NYSDEC Groundwater Standards. The current analytical will be NW4 baseline analytical due to its recent installation at the subject site.

NW5: The constituents cis-1,2,-Dichloroethene (11 ppb), Tetrachloroethene (150 ppb), and Trichloroethene (24 ppb) were both identified exceeding their respective NYSDEC Groundwater Standards of 5.0 ppb. Additionally the constituent Methyl-tert-butyl ether was identified above the laboratory's minimum detection limit; however, were below their respective NYSDEC Groundwater Standards. The current analytical will be NW5 baseline analytical due to its recent installation at the subject site

NW6: The constituent Tetrachloroethene (39 ppb) was identified exceeding its respective NYSDEC Groundwater Standard of 5.0 ppb. Additionally the constituents cis-1,2,-Dichloroethene, Methyl-tert-butyl ether, and Trichloroethene were all identified above the laboratory's minimum detection limit; however, were below their respective NYSDEC Groundwater Standards. The current analytical will be NW6 baseline analytical due to its recent installation at the subject site

Table II: Groundwater Results Summary

Contaminant	Monitoring Well # NW-1								NYSDEC GW Standards
	Baseline: 11/21/13 (15' bgs)	Q2: 4/11/14 (11'7" bgs)	Q3: 7/14/14 (11'4" bgs)	Q4: 10/23/14 (11'6" bgs)	Q1: 1/8/2015 (20' bgs)	Q2: 6/3/2015 (11'6" bgs)	Q3: 9/8/2015 (11.8' bgs)	Q4: 10/30/2015 (11.9' bgs)	
cis-1,2,-Dichloroethene (DCE)	ND	ND	ND	ND	ND	1.6	2.2	5.8	5
Methyl-tert-butyl ether (MTBE)	ND	ND	ND	ND	1.4	1	ND	ND	10
Tetrachloroethene (PCE)	3.6	4.6	2.2	ND	16	3.9	4.9	5.3	5
Trichloroethene (TCE)	ND	0.24	ND	ND	1	ND	ND	ND	5
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	5
trans-1,2,-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Acetone	ND	2.3	ND	ND	ND	ND	ND	ND	50
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	2

Contaminant	Monitoring Well # NW-2								NYSDEC GW Standards
	Baseline: 11/21/13 (15' bgs)	Q2: 4/11/14 (11'9" bgs)	Q3: 7/14/14 (12' bgs)	Q4: 10/23/14 (11' 8' bgs')	Q1: 1/8/2015 (9'2" bgs)	Q2: 6/3/2015 (8' bgs)	Q3: 9/8/2015 (12' bgs)	Q4: 10/30/2015 (12.7' bgs)	
cis-1,2,-Dichloroethene (DCE)	230	380	370	ND	ND	840	580	690	5
Methyl-tert-butyl ether (MTBE)	2.8	ND	1.1	ND	ND	ND	ND	ND	10
Tetrachloroethene (PCE)	670	660	560	ND	940	930	2000	2000	5
Trichloroethene (TCE)	130	110	180	ND	220	290	350	360	5
4-Isopropyltoluene	ND	ND	1.4	ND	ND	ND	ND	ND	5
trans-1,2,-Dichloroethene	2.6	7.2	5.0	ND	ND	ND	13	12	5
Acetone	ND	13	2.0	ND	ND	ND	ND	ND	50
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	1.4	2

Contaminant	Monitoring Well # NW-3								NYSDEC GW Standards
	Baseline: 11/21/13 (3'1" bgs)	Q2: 4/11/14 (3' bgs)	Q3: 7/14/14 (3' bgs)	Q4: 10/23/14 (3' bgs)	Q1: 1/8/2015 (3'2" bgs)	Q2: 6/3/2015 (3' bgs)	Q3: 9/8/2015 (3.1' bgs)	Q4: 10/30/2015 (3' bgs)	
Chloromethane	ND	ND	ND	ND	ND	ND	1.2	5.4	5
cis-1,2,-Dichloroethene (DCE)	ND	7.1	1.8	ND	5.3	2.2	ND	ND	5
Methyl-tert-butyl ether (MTBE)	2	1.8	2.3	ND	2	2.4	ND	1.8	10
Tetrachloroethene (PCE)	5.7	72	24	ND	74	12	ND	6.8	5
Trichloroethene (TCE)	ND	11	2.8	ND	9	ND	ND	2.3	5
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	5
trans-1,2,-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Acetone	ND	13	ND	ND	ND	ND	ND	ND	50
Vinyl chloride	ND	ND	ND	ND	ND	1.3	ND	1.1	2

Table II: Groundwater Results Summary (continued)

Contaminant	Monitoring Well #	NYSDEC GW Standards
	NW-4	
	Q4: 10/30/2015 (3' bgs)	
Chloromethane	ND	5
cis-1,2,-Dichloroethene (DCE)	1.4	5
Methyl-tert-butyl ether (MTBE)	1.1	10
Tetrachloroethene (PCE)	78	5
Trichloroethene (TCE)	8.5	5
4-Isopropyltoluene	ND	5
trans-1,2,-Dichloroethene	ND	5
Acetone	ND	50
Vinyl chloride	ND	2

Contaminant	Monitoring Well #	NYSDEC GW Standards
	NW-5	
	Q4: 10/30/2015 (12.9 bgs)	
Chloromethane	ND	5
cis-1,2,-Dichloroethene (DCE)	11	5
Methyl-tert-butyl ether (MTBE)	1.4	10
Tetrachloroethene (PCE)	150	5
Trichloroethene (TCE)	24	5
4-Isopropyltoluene	ND	5
trans-1,2,-Dichloroethene	ND	5
Acetone	ND	50
Vinyl chloride	ND	2

Contaminant	Monitoring Well #	NYSDEC GW Standards
	NW-6	
	Q4: 10/30/2015 (11.8' bgs)	
Chloromethane	ND	5
cis-1,2,-Dichloroethene (DCE)	2.6	5
Methyl-tert-butyl ether (MTBE)	1.5	10
Tetrachloroethene (PCE)	39	5
Trichloroethene (TCE)	3.3	5
4-Isopropyltoluene	ND	5
trans-1,2,-Dichloroethene	ND	5
Acetone	ND	50
Vinyl chloride	ND	2

Notes:

All results and guidance values are presented in parts per billion (ppb)

ND = Not Detected above laboratory's Minimum Detection Limit or Method of analysis and instrumentation

NYSDEC GW Standards = NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values

Concentrations exceeding the NYSDEC GW Standards are highlighted in bold **RED**

6.0 CONCLUSIONS

CNS oversaw the installation of three (3) new permanent monitoring wells NW4, NW5, and NW6 on October 16, 2015 within the rear alleyway at street grade elevation.

Dry cleaning related compounds are present within all six (6) monitoring wells. Contaminant increases were identified within NW1, NW2, and NW3; and Monitoring wells NW4, NW5 and NW6 exhibited dry cleaning compounds consisting of cis-1,2,-Dichloroethene, Tetrachloroethene, and Trichloroethene.

CNS will continue to monitor the groundwater contaminant levels at the subject site. The next groundwater sampling event is scheduled for February 2016.

7.0 SIGNATURES

If you have any questions or require additional information regarding this project, please call me at (516) 932-3228.

Prepared by:



Wala Canario
Environmental Scientist

Reviewed and Approved by:



Charles Powers
President

8.0 PROJECT LIMITATIONS

This report is written for the use of Acadia 3780-3858 Nostrand, LLC and its partners. No other party shall have any right to rely on this report or any service provided by CNS Environmental without prior written consent by Acadia 3780-3858 Nostrand, LLC and CNS Environmental.

The subsurface investigation was performed in accordance with professional standards applicable to the industry today. The results of this assessment and the contents of this report are subject to revision based on future events and/or investigations. CNS Environmental assumes no responsibility for the property owner's actions related to the following:

- Violation of any federal, state or local statute or ordinance relating to identification or disposal of a hazardous substance or its constituents;
- Undertaking of, or arrangement for the handling, removal, treatment, storage, transportation, or disposal of hazardous substances or constituents found or identified, and;
- Changed conditions or hazardous substances or constituents introduced at the properties by Client or third persons to this contract during or after the completion of services provided by this report.

Therefore, the findings, conclusions and recommendations presented herein are based solely on the aforementioned scope of work and information gathering. Incomplete or outstanding information identified throughout this report is considered a limitation to the assessment.

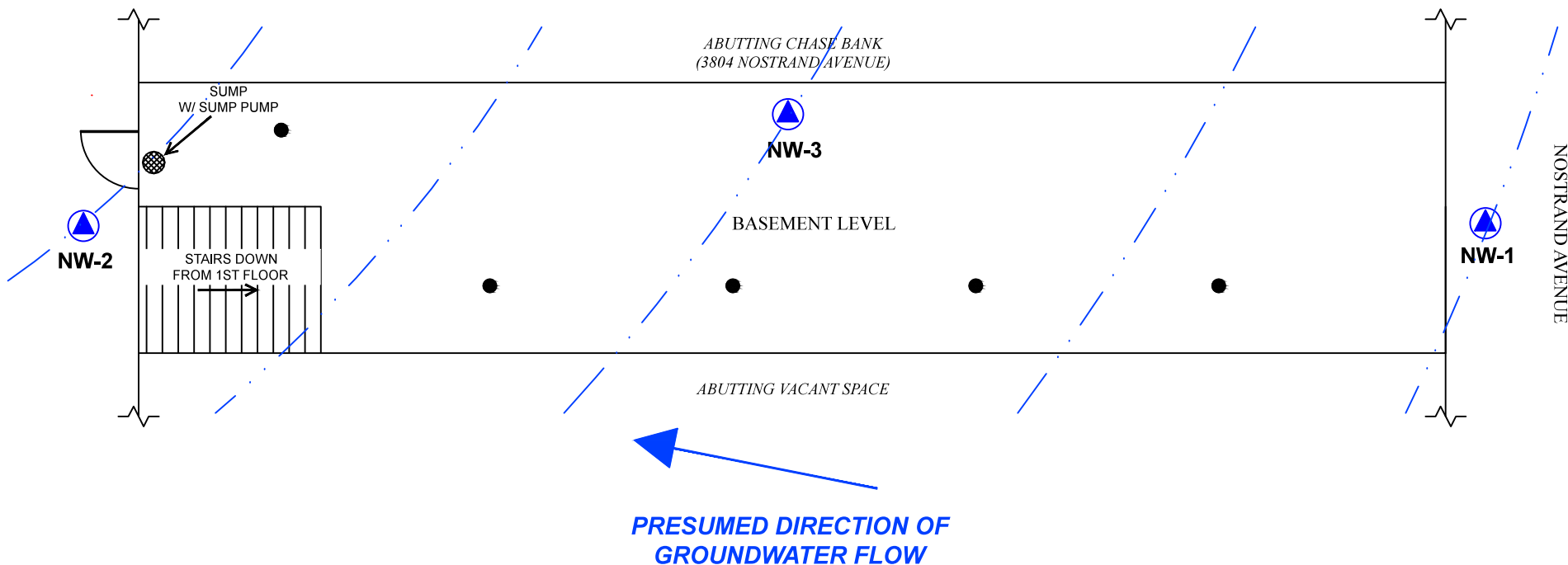
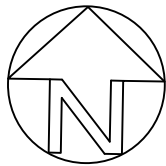
All findings, conclusions and recommendations stated in this report are based upon facts, circumstances and industry-accepted procedures for such services, as they existed at the time this report was prepared. All findings, conclusions and recommendations stated in this reports are based on the data and information provided and observations and conditions that existed on the date and timework was performed. Responses received from local, state, or federal agencies or other out-sourced or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions or circumstances to the report. A change in fact, circumstance or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions and recommendations expressed in this report and is considered a limitation.

Figure I
Site Location Map



 CNS ENVIRONMENTAL A REAL ESTATE SERVICES COMPANY 208 Newtown Road, Plainview, NY 11803 Tel. (516) 932-3228 / Fax. (516) 932-3288		Prepared For:		Acadia 3780-3858 Nostrand, LLC 411 Theodore Fremd Avenue, Suite 300 Rye, NY 10580		
<u>Figure 1</u> Site Location Map		Subject Site:		3780-3860 Nostrand Avenue Brooklyn, New York 11235		
		Scale:		As Noted	Date:	2015

Figure II
Monitoring Well Locations



LEGEND:

- = COLUMNS
- ⬆ = MONITORING WELL LOCATION
- . - = GROUNDWATER CONTOURS



208 NEWTOWN ROAD
PLAINVIEW, NY 11803

FIGURE II

MONITORING WELL LOCATIONS

SCALE: 1" = 10'

PREPARED FOR:

ACADIA REALTY TRUST LLC
1311 MAMARONECK AVE, WHITE PLAINS, NY 10605

SUBJECT SITE:

VACANT TENANT SPACE AT NOSTRAND PLACE
3806 NOSTRAND AVENUE
BROOKLYN, NEW YORK

DATE:

JANUARY 8, 2015

CNS JOB #:

D196

DWN BY:

JL

CKD BY:

WC

APPRVD BY:

CP

Appendix A

Laboratory Analytical Report w/ Chain-of-Custody



Wednesday, November 11, 2015

Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Project ID: ACADIA REALTY
Sample ID#s: BK18897 - BK18902

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

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

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

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

Sincerely yours,

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

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



SDG Comments

November 11, 2015

SDG I.D.: GBK18897

8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.



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



Analysis Report

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date	Time
10/30/15	13:19
11/05/15	15:46

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18897

Project ID: ACADIA REALTY
Client ID: NW1-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/05/15	HM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/05/15	HM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/05/15	HM	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/05/15	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/05/15	HM	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/05/15	HM	SW8260C
Benzene	ND	0.70	ug/L	1	11/05/15	HM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/05/15	HM	SW8260C
Bromoform	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/05/15	HM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Chloroform	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
cis-1,2-Dichloroethene	5.8	1.0	ug/L	1	11/05/15	HM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	HM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/05/15	HM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/05/15	HM	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/05/15	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Styrene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Tetrachloroethene	5.3	1.0	ug/L	1	11/05/15	HM	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/05/15	HM	SW8260C
Toluene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/05/15	HM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/05/15	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	11/05/15	HM	70 - 130 %
% Bromofluorobenzene	95		%	1	11/05/15	HM	70 - 130 %
% Dibromofluoromethane	101		%	1	11/05/15	HM	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100		%	1	11/05/15	HM	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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

November 11, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



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Analysis Report

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date

10/30/15 15:15
11/05/15 15:46

Time

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18898

Project ID: ACADIA REALTY
Client ID: NW2-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/05/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
cis-1,2-Dichloroethene	690	100	ug/L	100	11/10/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Tetrachloroethene	2000	100	ug/L	100	11/10/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/05/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,2-Dichloroethene	12	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Trichloroethene	360	100	ug/L	100	11/10/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Vinyl chloride	1.4	1.0	ug/L	1	11/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	11/05/15	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	11/05/15	MH	70 - 130 %
% Dibromofluoromethane	100		%	1	11/05/15	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	91		%	1	11/05/15	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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

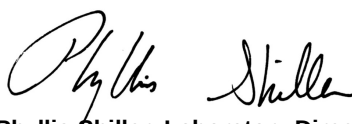
Comments:

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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Phyllis Shiller, Laboratory Director

November 11, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
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Analysis Report

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date	Time
10/30/15	16:01
11/05/15	15:46

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18899

Project ID: ACADIA REALTY
Client ID: NW3-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/07/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/07/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/07/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/07/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/07/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/07/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/07/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/07/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/07/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
cis-1,2-Dichloroethene	5.4	1.0	ug/L	1	11/07/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/07/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/07/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/07/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.8	1.0	ug/L	1	11/07/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Tetrachloroethene	6.8	1.0	ug/L	1	11/07/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/07/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/07/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/07/15	MH	SW8260C
Trichloroethene	2.3	1.0	ug/L	1	11/07/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/07/15	MH	SW8260C
Vinyl chloride	1.1	1.0	ug/L	1	11/07/15	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98		%	1	11/07/15	MH	70 - 130 %
% Bromofluorobenzene	100		%	1	11/07/15	MH	70 - 130 %
% Dibromofluoromethane	101		%	1	11/07/15	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	11/07/15	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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

November 11, 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

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date	Time
10/30/15	14:30
11/05/15	15:46

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18900

Project ID: ACADIA REALTY
Client ID: NW4-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/05/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
cis-1,2-Dichloroethene	1.4	1.0	ug/L	1	11/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.1	1.0	ug/L	1	11/05/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Tetrachloroethene	78	10	ug/L	10	11/08/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/05/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Trichloroethene	8.5	1.0	ug/L	1	11/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	11/05/15	MH	70 - 130 %
% Bromofluorobenzene	92		%	1	11/05/15	MH	70 - 130 %
% Dibromofluoromethane	95		%	1	11/05/15	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	11/05/15	MH	70 - 130 %

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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

November 11, 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

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date	Time
10/30/15	15:05
11/05/15	15:46

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18901

Project ID: ACADIA REALTY
Client ID: NW5-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/05/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
cis-1,2-Dichloroethene	11	1.0	ug/L	1	11/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/05/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.4	1.0	ug/L	1	11/05/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Tetrachloroethene	150	10	ug/L	10	11/08/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/05/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/05/15	MH	SW8260C
Trichloroethene	24	1.0	ug/L	1	11/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	11/05/15	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	11/05/15	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	11/05/15	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97		%	1	11/05/15	MH	70 - 130 %

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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

November 11, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

November 11, 2015

FOR: Attn: Mr. Charles Powers
CNS Management Corp
208 Newtown Road
Plainview, NY 11803-4307

Sample Information

Matrix: GROUND WATER
Location Code: CNS
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: WC
Received by: SW
Analyzed by: see "By" below

Date	Time
10/30/15	15:40
11/05/15	15:46

Laboratory Data

SDG ID: GBK18897
Phoenix ID: BK18902

Project ID: ACADIA REALTY
Client ID: NW6-GW1G

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/06/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	11/06/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	11/06/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/06/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/06/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	11/06/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	11/06/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	11/06/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	11/06/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
cis-1,2-Dichloroethene	2.6	1.0	ug/L	1	11/06/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/06/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	11/06/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	11/06/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	11/06/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.5	1.0	ug/L	1	11/06/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Tetrachloroethene	39	2.0	ug/L	2	11/07/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/06/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/06/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/06/15	MH	SW8260C
Trichloroethene	3.3	2.0	ug/L	2	11/07/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	11/06/15	MH	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	11/06/15	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	11/06/15	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	11/06/15	MH	70 - 130 %

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	11/06/15	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

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

November 11, 2015

Reviewed and Released by: Bobbi Aloisa, Vice President



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QA/QC Report

November 11, 2015

QA/QC Data

SDG I.D.: GBK18897

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec	% RPD
	Blank	RL							Limits	Limits
QA/QC Batch 326029 (ug/L), QC Sample No: BK18893 (BK18897, BK18898, BK18900, BK18901, BK18902)										
<u>Volatiles - Ground Water</u>										
1,1,1,2-Tetrachloroethane	ND	1.0	101	101	0.0				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	93	97	4.2				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	97	2.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	95	93	2.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	93	93	0.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	100	102	2.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	99	2.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	97	94	3.1				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	91	91	0.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	97	94	3.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	88	91	3.4				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	107	97	9.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	100	98	2.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	91	91	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	98	94	4.2				70 - 130	30
1,2-Dichloropropane	ND	1.0	98	97	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	91	94	3.2				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	92	93	1.1				70 - 130	30
1,3-Dichloropropane	ND	1.0	95	96	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	89	91	2.2				70 - 130	30
2,2-Dichloropropane	ND	1.0	90	92	2.2				70 - 130	30
2-Chlorotoluene	ND	1.0	90	93	3.3				70 - 130	30
2-Hexanone	ND	5.0	92	89	3.3				70 - 130	30
2-Isopropyltoluene	ND	1.0	93	97	4.2				70 - 130	30
4-Chlorotoluene	ND	1.0	91	93	2.2				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	100	94	6.2				70 - 130	30
Acetone	ND	5.0	102	80	24.2				70 - 130	30
Acrylonitrile	ND	5.0	104	96	8.0				70 - 130	30
Benzene	ND	0.70	91	91	0.0				70 - 130	30
Bromobenzene	ND	1.0	91	94	3.2				70 - 130	30
Bromochloromethane	ND	1.0	99	100	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	103	99	4.0				70 - 130	30
Bromoform	ND	1.0	106	100	5.8				70 - 130	30
Bromomethane	ND	1.0	75	84	11.3				70 - 130	30
Carbon Disulfide	ND	1.0	101	103	2.0				70 - 130	30
Carbon tetrachloride	ND	1.0	93	100	7.3				70 - 130	30
Chlorobenzene	ND	1.0	93	94	1.1				70 - 130	30
Chloroethane	ND	1.0	101	101	0.0				70 - 130	30
Chloroform	ND	1.0	92	92	0.0				70 - 130	30
Chloromethane	ND	1.0	93	94	1.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	93	97	4.2				70 - 130	30

QA/QC Data

SDG I.D.: GBK18897

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	98	95	3.1				70 - 130	30
Dibromochloromethane	ND	0.50	103	101	2.0				70 - 130	30
Dibromomethane	ND	1.0	98	92	6.3				70 - 130	30
Dichlorodifluoromethane	ND	1.0	111	115	3.5				70 - 130	30
Ethylbenzene	ND	1.0	93	97	4.2				70 - 130	30
Hexachlorobutadiene	ND	0.40	96	97	1.0				70 - 130	30
Isopropylbenzene	ND	1.0	89	94	5.5				70 - 130	30
m&p-Xylene	ND	1.0	94	98	4.2				70 - 130	30
Methyl ethyl ketone	ND	5.0	101	98	3.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	102	98	4.0				70 - 130	30
Methylene chloride	ND	1.0	90	88	2.2				70 - 130	30
Naphthalene	ND	1.0	101	96	5.1				70 - 130	30
n-Butylbenzene	ND	1.0	89	93	4.4				70 - 130	30
n-Propylbenzene	ND	1.0	84	87	3.5				70 - 130	30
o-Xylene	ND	1.0	96	100	4.1				70 - 130	30
p-Isopropyltoluene	ND	1.0	90	95	5.4				70 - 130	30
sec-Butylbenzene	ND	1.0	93	97	4.2				70 - 130	30
Styrene	ND	1.0	97	97	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	91	95	4.3				70 - 130	30
Tetrachloroethene	ND	1.0	94	95	1.1				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	98	92	6.3				70 - 130	30
Toluene	ND	1.0	95	97	2.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	96	101	5.1				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	100	96	4.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	91	86	5.6				70 - 130	30
Trichloroethene	ND	1.0	96	97	1.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	94	95	1.1				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	98	101	3.0				70 - 130	30
Vinyl chloride	ND	1.0	96	100	4.1				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	97	98	1.0				70 - 130	30
% Bromofluorobenzene	93	%	103	103	0.0				70 - 130	30
% Dibromofluoromethane	97	%	100	97	3.0				70 - 130	30
% Toluene-d8	101	%	99	98	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 326188 (ug/L), QC Sample No: BK18899 (BK18899, BK18900 (10X) , BK18901 (10X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	89	103	14.6				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	86	98	13.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	89	109	20.2				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	83	105	23.4				70 - 130	30
1,1-Dichloroethane	ND	1.0	91	103	12.4				70 - 130	30
1,1-Dichloroethene	ND	1.0	87	97	10.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	91	101	10.4				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	77	102	27.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	81	104	24.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	81	104	24.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	91	99	8.4				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	75	102	30.5				70 - 130	30
1,2-Dibromoethane	ND	1.0	81	103	23.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	88	103	15.7				70 - 130	30

QA/QC Data

SDG I.D.: GBK18897

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloroethane	ND	1.0	86	106	20.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	90	106	16.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	103	6.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	95	107	11.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	83	102	20.5				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	91	102	11.4				70 - 130	30
2,2-Dichloropropane	ND	1.0	69	78	12.2				70 - 130	30
2-Chlorotoluene	ND	1.0	99	106	6.8				70 - 130	30
2-Hexanone	ND	5.0	66	95	36.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	96	103	7.0				70 - 130	30
4-Chlorotoluene	ND	1.0	96	104	8.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	70	101	36.3				70 - 130	30
Acetone	ND	5.0	65	108	49.7				70 - 130	30
Acrylonitrile	ND	5.0	84	112	28.6				70 - 130	30
Benzene	ND	0.70	88	98	10.8				70 - 130	30
Bromobenzene	ND	1.0	95	106	10.9				70 - 130	30
Bromochloromethane	ND	1.0	87	105	18.8				70 - 130	30
Bromodichloromethane	ND	0.50	89	110	21.1				70 - 130	30
Bromoform	ND	1.0	81	106	26.7				70 - 130	30
Bromomethane	ND	1.0	82	94	13.6				70 - 130	30
Carbon Disulfide	ND	1.0	93	104	11.2				70 - 130	30
Carbon tetrachloride	ND	1.0	84	95	12.3				70 - 130	30
Chlorobenzene	ND	1.0	93	104	11.2				70 - 130	30
Chloroethane	ND	1.0	86	98	13.0				70 - 130	30
Chloroform	ND	1.0	87	103	16.8				70 - 130	30
Chloromethane	ND	1.0	72	84	15.4				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	89	104	15.5				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	81	100	21.0				70 - 130	30
Dibromochloromethane	ND	0.50	87	109	22.4				70 - 130	30
Dibromomethane	ND	1.0	86	108	22.7				70 - 130	30
Dichlorodifluoromethane	ND	1.0	87	96	9.8				70 - 130	30
Ethylbenzene	ND	1.0	96	106	9.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	97	103	6.0				70 - 130	30
Isopropylbenzene	ND	1.0	98	102	4.0				70 - 130	30
m&p-Xylene	ND	1.0	96	105	9.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	68	96	34.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	78	108	32.3				70 - 130	30
Methylene chloride	ND	1.0	77	92	17.8				70 - 130	30
Naphthalene	ND	1.0	80	107	28.9				70 - 130	30
n-Butylbenzene	ND	1.0	86	98	13.0				70 - 130	30
n-Propylbenzene	ND	1.0	91	95	4.3				70 - 130	30
o-Xylene	ND	1.0	98	108	9.7				70 - 130	30
p-Isopropyltoluene	ND	1.0	92	101	9.3				70 - 130	30
sec-Butylbenzene	ND	1.0	98	104	5.9				70 - 130	30
Styrene	ND	1.0	96	110	13.6				70 - 130	30
tert-Butylbenzene	ND	1.0	98	102	4.0				70 - 130	30
Tetrachloroethene	ND	1.0	89	99	10.6				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	70	101	36.3				70 - 130	30
Toluene	ND	1.0	94	106	12.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	95	106	10.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	76	95	22.2				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	61	81	28.2				70 - 130	30
Trichloroethene	ND	1.0	94	103	9.1				70 - 130	30

QA/QC Data

SDG I.D.: GBK18897

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorofluoromethane	ND	1.0	79	89	11.9				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	78	91	15.4				70 - 130	30
Vinyl chloride	ND	1.0	86	97	12.0				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	96	99	3.1				70 - 130	30
% Bromofluorobenzene	98	%	99	102	3.0				70 - 130	30
% Dibromofluoromethane	98	%	92	101	9.3				70 - 130	30
% Toluene-d8	104	%	102	101	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 326175 (ug/L), QC Sample No: BK19421 (BK18902 (2X))

Volatiles - Ground Water

Tetrachloroethene	ND	1.0	90	91	1.1				70 - 130	30
Trichloroethene	ND	1.0	93	93	0.0				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 326384 (ug/L), QC Sample No: BK20793 (BK18898 (100X))

Volatiles - Ground Water

cis-1,2-Dichloroethene	ND	1.0	107	102	4.8				70 - 130	30
Tetrachloroethene	ND	1.0	102	98	4.0				70 - 130	30
Trichloroethene	ND	1.0	105	102	2.9				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%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

November 11, 2015

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK18897 - CNS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK18897	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	5.3	1.0	5	5	ug/L
BK18897	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18897	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK18897	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	5.8	1.0	5	5	ug/L
BK18897	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	5.3	1.0	5	5	ug/L
BK18897	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18898	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	2000	100	5	5	ug/L
BK18898	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	360	100	5	5	ug/L
BK18898	\$8260GWR	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.0	5	5	ug/L
BK18898	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	360	100	5	5	ug/L
BK18898	\$8260GWR	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
BK18898	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	690	100	5	5	ug/L
BK18898	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK18898	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18898	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18898	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	2000	100	5	5	ug/L
BK18899	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6.8	1.0	5	5	ug/L
BK18899	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	6.8	1.0	5	5	ug/L
BK18899	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18899	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18899	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK18899	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	5.4	1.0	5	5	ug/L
BK18900	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	78	10	5	5	ug/L
BK18900	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	8.5	1.0	5	5	ug/L
BK18900	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18900	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18900	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK18900	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	78	10	5	5	ug/L
BK18900	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	8.5	1.0	5	5	ug/L
BK18901	\$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	24	1.0	5	5	ug/L
BK18901	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	150	10	5	5	ug/L
BK18901	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18901	\$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	24	1.0	5	5	ug/L
BK18901	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	150	10	5	5	ug/L
BK18901	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK18901	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18901	\$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
BK18902	\$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	39	2.0	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK18897 - CNS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK18902	\$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	39	2.0	5	5	ug/L
BK18902	\$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18902	\$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK18902	\$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L

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.



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NY Temperature Narration

November 11, 2015

SDG I.D.: GBK18897

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

