SIVE, PAGET & RIESEL P.C.

Michael Bogin
Direct Dial: (646) 378-7210
mbogin@sprlaw.com

August 29, 2017

VIA ELECTRONIC MAIL
(alali.tamuno@dec.ny.gov)
Alali Tamuno
Office of General Counsel
100 Hillside Avenue, Suite 1W
White Plains, NY 10603

Re: Site Investigation Report for I.D.A. Cleaners

Dear Ms. Tamuno:

Please see attached a Site Investigation Report in connection with subsurface investigation performed at I.D.A. Cleaners, 579 Kings Highway, Brooklyn, NY (the "Site"). As you will see, the report concludes that the Site is not the source of tetrachloroethene at the gas station at 587 Kings Highway. However, the report recommends that I.D.A. install a passive sub-slab depressurization system in the basement slab beneath the building, to guard against any potential vapor intrusion into the building.

Please call us with any questions. Thank you for your assistance in this matter.

Sincerely,

Michael Bogin

MC Environmental, LLC

Environmental Services and Consulting
26 Railroad Avenue, No.182, Babylon, New York 11702-2216
631-321-4500 Fax 631-321-0190

August 29, 2017

Salvatore Foresta
IDA Cleaners
579 Kings Highway
Brooklyn, New York

RE: Site Investigation Report

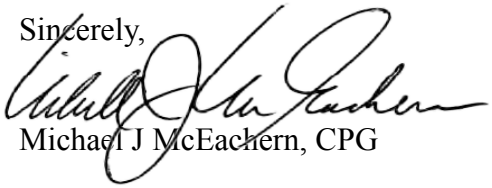
Dear Mr. Foresta,

MC Environmental, LLC (MCE) prepared the attached report on the soil and groundwater conditions beneath the site known as IDA Cleaners. The New York State Department of Environmental Conservation (NYSDEC) identified the site in a letter dated October 24, 2016 as a suspected source of tetrachloroethene in groundwater and soil vapor samples that were collected during a petroleum spill investigation at a nearby site 587 Kings Highway. Tetrachloroethene is a common cleaning solvent used in dry cleaning, but it is also commonly used in automobile maintenance shops for solvent-based parts cleaning. Based on our investigation, we have determined that there are slightly elevated concentrations of soil vapor PCE and other VOCs, but not at levels requiring active remediation. We recommend passive soil vapor mitigation such as installing a sub-slab depressurization system (SSDS) in the basement slab beneath the building.

In response to the Department's concerns, we prepared a workplan for drilling monitoring wells, soil vapor sampling probes and collecting soil, groundwater and soil vapor samples for laboratory analysis. The field work was completed during June and July 2017, and all laboratory results have been received and reviewed. We also surveyed the locations and elevations of the monitoring wells and prepared a site plan showing well and soil vapor sampling locations.

Based on the investigation results in the report which follows this letter, MCE does not believe that 579 Kings Highway is a likely source of PCE found in groundwater beneath in nearby wells drilled for the 587 Kings Highway spill investigations. Briefly, we base this opinion on the lack of high PCE concentrations above unrestricted use standards in the soil at the Site, the relatively low concentrations in groundwater at the site, and the distribution of PCE which was highest in groundwater samples collected near the street. It is likely that the gas station at 587 Kings Highway is actually the source of the PCE at the site, as historically gas stations have used PCE and TCE for degreasing. However, due to the elevated concentration of PCE and gasoline-related hydrocarbons in a soil vapor sampling point, we recommend that you install a SSDS at the site to minimize any concerns or potential impact to human health.

Sincerely,



Michael J McEachern, CPG

Attachment

Site Investigation Report
579 Kings Highway
Brooklyn, New York

1.0 Introduction

MC Environmental, LLC (MCE) was retained by IDA Cleaners of Brooklyn, New York to investigate the possible presence of soil and groundwater contamination beneath the property as alleged by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated October 24, 2016. A petroleum spill investigation at 587 Kings Highway discovered tetrachloroethene, also called perchloroethylene (PCE) or "Perc" in soil vapor and groundwater samples and NYSDEC tentatively attributed this to a release of dry cleaning solvent at IDA Cleaners.

2.0 Previous Investigations

MCE reviewed references on groundwater quality, soil vapor testing and regional groundwater flow provided by the NYSDEC and published data available online. The references provided baseline information on groundwater conditions in the vicinity of 579 Kings Highway and means of evaluating the likelihood of a PCE source beneath IDA Cleaners. These references are discussed below.

- June 2004 Zytel, PC Phase II Limited Subsurface Investigation Report/Corrective Action Plan
  This investigation was done for an owner or buyer in response to the spill #990118. The report refers to an earlier Phase I environmental site assessment (ESA) that was done for pre-purchase environmental due diligence and the removal of abandoned gasoline tanks and a waste oil tank in 1999 resulted in the spill report. The tanks reportedly date to 1972 but there is no mention of possible earlier tanks. One monitoring well installed by Zytel (M-1) contained gasoline-related compounds and PCE at 204 ppb, the highest concentration reported for groundwater data provided by NYSDEC. This well was within the property line of 587 Kings Hwy. and is apparently different from another well (MW-1) shown on 2014 maps by Envirotrac.

- September 2008 Advanced Site Restoration, LLC Quarterly Status Report 587 Kings Highway, Brooklyn, New York NYSDEC SPILL # 99-01118
  This report by Advanced Site Restoration, LLC (ASR) was prepared for Ocean Parkway Development, LLC and covered routine groundwater and vapor extraction system monitoring. The following are direct citations form the report.

"The depth to groundwater was detected at a range of 18.59 ft to 19.20 ft from well casing. The current groundwater elevation data indicated that the groundwater flow direction is in a southeasterly direction. The location of all groundwater monitoring wells is shown on the Monitoring Well Location Map, Appendix-A Figure – 2."

"The July, 2008 groundwater monitoring event indicated detection of LNAPL in one of the on-site monitoring wells. The level of dissolved total BTEX in MW-12 was decreased 48% since last quarter. There was no MTBE detected in any of the monitoring wells. Groundwater gradient was not provided, but is historically southwest. Information on well casing elevations provided by the prior consultant was inconsistent. Additionally, mw-10, mw-11, mw-12, and mw-13 were never surveyed."

The above casts doubt on the Department's assumption that 579 Kings Hwy. is upgradient of the monitoring well containing the 8.6 ppb of PCE. The ASR report does not mention any PCE being detected in the monitoring wells.

- May 28, 2009 Advanced Site Restoration, LLC Quarterly Status Report –2009 587 Kings Highway Brooklyn, New York NYSDEC Spill Number 99-01118 prepared for Continental Funding, Inc. as an update of the previous report by ASR commenting on the most recent monitoring results and remediation progress. The groundwater laboratory results still show fairly high concentration of benzene (>200 ppb) and total benzene, toluene, ethylbenzene and xylene (BTEX) (>5000ppb). No PCE was listed in the report tables or laboratory reports attached.

  A groundwater flow map Figure 4 (see copy attached) shows groundwater flowing radially toward well MW-1 which is contrary to the regional USGS maps showing flow nearly due south. This was verified by Zytel (2004) and ASR (2008) and Figure 4 is almost certainly spurious. Figure 4 would seem to show that well MW-1 is a pumping well, since the water level is so much lower than the other wells. Insofar as MW-1 is known to be a non-pumping monitoring well, a "hole" in the aquifer as depicted would violate the laws of physics. A more rational explanation would be to attribute the MW-1 anomaly to a surveying error, a water level measuring error or both. It would appear that ASR's 2008 recommendation of re-surveying all wells was not followed.

- May 12, 2016 Envirotrac – Copies of laboratory data and site maps showing groundwater and soil vapor concentrations of BTEX and PCE. This information is apparently part of a larger report that was not provided. The mapping show that BTEX in groundwater migrated offsite southwest along Kings Hwy. and across the street (MW-9). The highest PCE groundwater concentration was in well MW-13 (8.6ppb) located on the sidewalk roughly between #583 and #585 Kings Hwy. The highest soil vapor PCE concentrations were at SV-1 (700 $\mu g/m^3$) and SV-3 (230 $\mu g/m^3$). SV-1 is the farthest west of SV-1, SV-2 and SV-3 and no result was reported for SV-2. This distribution is meaningless because the soil vapor extraction system at #587 Kings Hwy. was operating and soil vapor VOC concentrations would tend to be diluted toward the east. The vapor extraction effluent is still capturing gasoline-related compounds and PCE and these compounds must therefore be present in the system radius of influence. This is further supported by the vapor sampling results of SS-2/BA-2 and SS-3/BA-3 which are beneath the footprint of #587 Kings Hwy. The 2016 results also recorded high concentrations of tert-butyl alcohol and ethanol in soil vapor and extracted vapor effluent from beneath the building and these are well known gasoline additives.

- United States Geological Survey
  Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy, and Lloyd Aquifers of Long Island, New York, April–May 2013 By Michael D. Como, Michael L. Noll, Jason S. Finkelstein, Jack Monti, Jr., and Ronald Busciolano 2015

3.0 Site Investigation

On March 2, 2017, Michael J McEachern of MCE inspected the basement of 579 Kings Highway to observe conditions for drilling access and potential sources of soil and groundwater contamination. There were no dry cleaning operations, equipment or solvent storage in the basement and all dry cleaning is done on the first floor at street level based on information from the owner, Mr. Sal Foresta. Basement access is through a narrow wood staircase from the store or a steep concrete staircase to the sidewalk and it would be impossible to install dry cleaning equipment or to store solvent drums in the basement given the access limitations.

MCE selected three locations to drill monitoring wells and collect soil samples and two soil vapor sampling locations that would give a representative assessment of soil and groundwater conditions beneath the site. Drilling was delayed until June 29, 2017 while MCE, IDA's counsel and NYSDEC discussed the nature and scope of the investigation.

The firm E Phase 2, LLC of Huntington, New York was hired for drilling services using a portable Geoprobe™ drill rig made for limited access. Three wells MW-1, MW-2 and MW-3 were drilled in the basement as shown on Figure 1 and groundwater was observed at approximately 10.5 feet below the basement floor. The soil beneath the basement was composed of fill and fine to medium silty sand and well logs are included in Appendix A.

No solvent or other odors or staining were noted in the soil samples inspected while drilling each well and the samples were screened with a photoionization detector (PID) and readings are given on each boring log. Since no soil samples had PID reading above 2 ppm, a single soil sample was collected for laboratory analysis from 11 feet or just below the water table in each well boring.

Each monitoring well boring was completed with a 1-inch diameter PVC plastic casing and was 15 feet deep with 5 feet of well screen packed in commercial filter sand. Monitoring well construction details are given on each well log in Appendix A.

The Geoprobe™ drill rig was also used to drill two soil vapor sampling probes through the basement floor at locations shown on Figure 1. Photographs of the drilling operations are included in Appendix B. The monitoring wells were surveyed and leveled on July 12, 2017 by JR Holzmacher, Consulting Engineers.

Water Level Measurements

Water levels were measured in each monitoring well before sampling began on July 12, 2017. All measurements were from the top of the PVC well casing.

	Depth to Water	Measuring Point elevation	Water Elevation
MW-1	10.65’	17.52’	6.87’
MW-2	10.58’	17.47’	6.89’
MW-3	10.69’	17.56’	6.87’

4.0 Laboratory Results

Phoenix Environmental Laboratories, Inc. analyzed the soil, groundwater and soil vapor samples from the site investigation. Results are summarized in the tables below and the complete analytical data packages with QA/QC logs are included in Appendix C.

Soil

All soil samples were collected from the monitoring well borings at 11 feet below the basement floor which is the approximate depth of the water table.

Results (µg/kg = ppb)

Sample	PCE	TCE	cis 1,2 DCE	Other VOCs
MW-1	ND	ND	ND	ND
MW-1	11	ND	ND	ND
MW-3	19	ND	ND	ND

Groundwater

On July 12, each monitoring well was pumped with a peristaltic pump using disposable tubing until approximately 3 gallons were removed and the flow rate was reduced for sampling with minimal sample agitation.

Results (µg/L = ppb)

Sample	PCE	TCE	cis 1,2 DCE	Other VOCs
MW-1	14	ND	ND	ND
MW-2	100	1.1	6.2	ND
MW-3	200	2.1	19	ND

Soil Vapor

Soil vapor samples SV-1 and SV-2 contained a wide variety of VOCs including chlorinated solvents such as PCE and TCE plus petroleum-related hydrocarbons most commonly associated with gasoline and fuel additives such as methyl tert-butyl ether (MTBE) and ethanol. The highest PCE concentration (SV-2) is also associated with the highest concentrations of fuel-derived VOCs.

Results (ppbv)

Sample	PCE	TCE	cis 1,2 DCE	Other VOCs
SV-1	288	63.6	741	Ketones, petroleum hydrocarbons, alcohol fuel additives and non-dry cleaning solvents collectively totaling >570 ppbv
SV-2	22.6	4.90	15.3	Ketones,ethanol, gasoline-related VOCs including benzene and toluene collectively totaling > 480 ppbv

Note: the above concentrations are based on a 2 liter Suma Canister sample collected over a two hour period.

5.0 Conclusions and Recommendations

The site investigation at 579 Kings Highway / IDA Cleaners did not identify a source of dry cleaning solvent in soil or groundwater that would indicate a significant spill or leak of tetrachloroethene (PCE) in the basement or other parts of the property or would indicate that it may have been the source of the PCE at 587 Kings Highway, based on the following:

- No dry cleaning operations or cleaning solvent storage / handling were done in the basement of IDA Cleaners. All work involving such solvents is done on the ground floor (street level) approximately 7 feet above the basement. The access to the basement would have prevented past dry cleaning operations below the first floor.

- The highest PCE concentration measured in groundwater from monitoring well MW-2 was .2 parts per million, which is orders of magnitude lower than the unrestricted use Soil Cleanup Objective in 6 NYCRR Part 375. Releases of PCE to soil and groundwater at dry cleaning facilities typically result in significantly greater concentrations of PCE in the soil.

- The highest concentration of PCE in groundwater at the site was 200 ppb in well MW-2 which is farthest from the first-floor location of the IDA dry cleaning equipment and solvent storage. This well is closest to the street and the New York City combined sewer. Based on the above, MCE concluded that the source of the PCE in the monitoring wells is unknown.

- The highest PCE result in groundwater was at 587 Kings Highway (Zytel, 2004) where 204 ppb of PCE were found in well MW-1 which was considerably north-east of 579 Kings Highway and the PCE was found in conjunction with higher concentration of gasoline-related VOCs.

- The small size of the basement of 579 Kings Highway would make it easy to detect the effects of a PCE release to shallow groundwater using the three monitoring wells drilled in the basement. PID screening of soil samples from the monitoring well borings did not reveal concentration of ionize-able VOCs (such as PCE) that would indicate a nearby release.

- Groundwater elevation in the three monitoring wells were virtually identical with a maximum 0.02' difference between the highest (MW-2 and lowest (MW-1 and MW-3). Previous investigation by Zytel (2004) and USGS mapping (2013) indicate that groundwater flows south or south-southeast in the project area.

- Soil vapor monitoring revealed a variety of volatile organic compounds, including PCE and related compounds but the greatest number of compounds detected were related to fuels, particularly gasoline, such as petroleum hydrocarbons, alcohols and ketones. The source of all of the detected compounds cannot be determined based on the available data but there is New York State Spill Site No. 99-01118 at 587 Kings Highway, approximately 175 feet east of 579 Kings Highway.

Recommendations

- Based on data collected for this site investigation MCE does not recommend further testing or investigation of groundwater conditions at 579 Kings Highway. The source(s) of PCE and other volatile organic contaminants detected in the three monitoring wells drilled on June 29, 2017 cannot be determined but groundwater quality has been affected by an offsite source or sources not related to IDA Cleaners.

- The concentrations of PCE and other chlorinated VOCs are not high enough to warrant active remediation because the groundwater does not pose a threat to drinking water which is supplied by New York City water mains. Treating groundwater for PCE and related VOCs would not be practical because the local groundwater has been degraded by other contamination sources, such as Spill Site No. 99-01118. MCE does not recommend active remediation at 579 Kings Highway.

- MCE recommends the installation of a passive sub-slab soil depressurization system to mitigate the slightly elevated VOC concentrations in soil vapor at the site. Such systems have become a common requirement of the New York City Department of Environmental Protected (NYCDEP) for new construction even when a vapor issue is not readily apparent. This would also allay concerns that may arise during a potential sale of the property

Figures

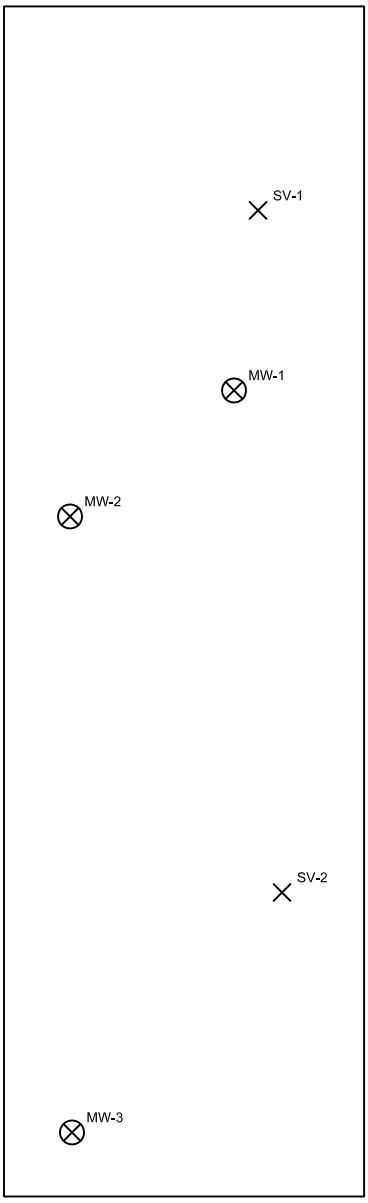
Figure 1 Site Plan

Appendices

A Well Logs

B Photographs

C Laboratory Data Packages



P:\2017\McEnv\17-01 - 579 Kings Highway Brooklyn, NY\Task 1 - Environmental Oversight\Site Plan\Site Plan.dwg

PREPARED BY:
J.R. HOLZMACHER P.E., LLC
The Third Generation of Excellence
In Water Supply, Water Resources,
Civil and Environmental Engineering
3555 VETERANS MEMORIAL HWY
SUITE A
RONKONKOMA, NEW YORK 11779
PHONE # (631) 234-2220
FAX # (631) 234-2221
E-MAIL: info@holzmacher.com

TITLE:
Monitoring Well & Soil Vapor Location Plan
579 Kings Highway
Brooklyn, New York

DWN:	SCALE:	DATE:	PROJECT NO.:
KO	1/8" = 1'-0"	2017-07-17	McEnv1701
CHKD:	APPD:	REV.:	NOTES:
AJS		-	-

FIGURE NO.: 1

Appendix A
579 Kings Highway
Well Logs and Construction Diagrams

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

GEOLOGIC LOG

Well/Boring No.	**MW-1**	**BORE HOLE DATA**			
Location:	**579 Kings Hwy., Brooklyn, NY**	Hole Diameter (inches):	**2"**	Auger / Rod I.D.:	**1.5"**
M.P. Elevation:	**17.52 ft.**	Total Depth:	**16'**		
Project:	**IDA Cleaners**	**SAMPLER**			
Date:	**6/29/2017**	Type:	**Macrocore**	Method:	**Direct Push**
Page	**1** of **1**	Pounds:			
Logged By:	**M.J. McEachern**	Fall (inches):			
Company:	**MC Environmental, LLC**	**REMARKS:**	**All measurements taken from concrete cellar floor**		
Drilling Started:	**29-Jun** Ended: **29-Jun**		**el. 17.80 ft based on an assumed street level elevation**		
Driller:	**E Phase 2, LLC Steve & Charlie**		**of 25.0 ft. (Google Earth)**		
Type of Rig:	**Geoprobe (limited access)**				

	Core Sample				Strata Change	Depth	SAMPLE
Odor/PID/OVA	No.	Recovery%	Depth (ft.)	Blows/6"	General Description	(feet)	DESCRIPTION
						0.1	Concrete floor
Zero	1	80	0.1' - 2'		Fill	2'	Sand, brown with fill (concrete, brick frag.)
0.2	1		2'-4'		Sand	4'	Sand, brown, silty
0.1	2	100	4'-8'		Sand	8'	Sand, medium, brown, loose, dry
1.9	3	90	8'-12'		Sand	12'	Sand, med.-coarse, brown , wet at 11'
1.1	4	90	12'-16'		Sand	16'	Sand, med.-coarse, lt. brown , loose, wet

Remarks: Installed a 1" diameter PVC monitoring well with screen between 10' - 15'. Backfilled screen and casing with bagged commercial filter sand to approximately 6" below the concrete basement floor. Installed a cast-iron flush mounted well box.

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

GEOLOGIC LOG

Well/Boring No.	**MW-2**	**BORE HOLE DATA**	
Location:	**579 Kings Hwy., Brooklyn, NY**	Hole Diameter (inches): **2"**	Auger / Rod I.D.: **1.5"**
M.P. Elevation:	**17.47 ft.**	Total Depth: **16'**	
Project:	**IDA Cleaners**	**SAMPLER**	
Date:	**6/29/2017**	Type: **Macrocore**	Method: **Direct Push**
Page	**1** of **1**	Pounds:	
Logged By:	**M.J. McEachern**	Fall (inches):	
Company:	**MC Environmental, LLC**	**REMARKS:**	**All measurements taken from concrete cellar floor**
Drilling Started:	**29-Jun** Ended: **29-Jun**		**el. 17.80 ft based on an assumed street level elevation**
Driller:	**E Phase 2, LLC Steve & Charlie**		**of 25.0 ft. (Google Earth)**
Type of Rig:	**Geoprobe (limited access)**		

	Core Sample				Strata Change	Depth	SAMPLE
Odor/PID/OVA	No.	Recovery%	Depth (ft.)	Blows/6"	General Description	(feet)	DESCRIPTION
Zero	1	70	0'-4'		Fill and Sand	4'	Sand, fine-med. Brn silty, moist (brick frag at 4')
Zero	2	90	4'-8'		Sand	8'	Sand, med-coarse, lt. brn dry, loose
0.1	3	90	8'-12'		Sand	12'	Sand, medium, brown, moist, wet at 11'
0.1	4	80	12'-16'		Sand	16'	Sand, medium, brown, wet

Remarks: Installed a 1" diameter PVC monitoring well with screen between 10' - 15'. Backfilled screen and casing with bagged commercial filter sand to approximately 6" below the concrete basement floor. Installed a cast-iron flush mounted well box.

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

GEOLOGIC LOG

Well/Boring No.	**MW-3**	**BORE HOLE DATA**	
Location:	**579 Kings Hwy., Brooklyn, NY**	Hole Diameter (inches): **2"**	Auger / Rod I.D.: **1.5"**
M.P. Elevation:	**17.56 ft.**	Total Depth: **16'**	
Project:	**IDA Cleaners**	**SAMPLER**	
Date:	**6/29/2017**	Type: **Macrocore**	Method: **Direct Push**
Page	**1** of **1**	Pounds:	
Logged By:	**M.J. McEachern**	Fall (inches):	
Company:	**MC Environmental, LLC**	**REMARKS:**	**All measurements taken from concrete cellar floor**
Drilling Started:	**29-Jun** Ended: **29-Jun**		**el. 17.80 ft based on an assumed street level elevation**
Driller:	**E Phase 2, LLC Steve & Charlie**		**of 25.0 ft. (Google Earth)**
Type of Rig:	**Geoprobe (limited access)**		

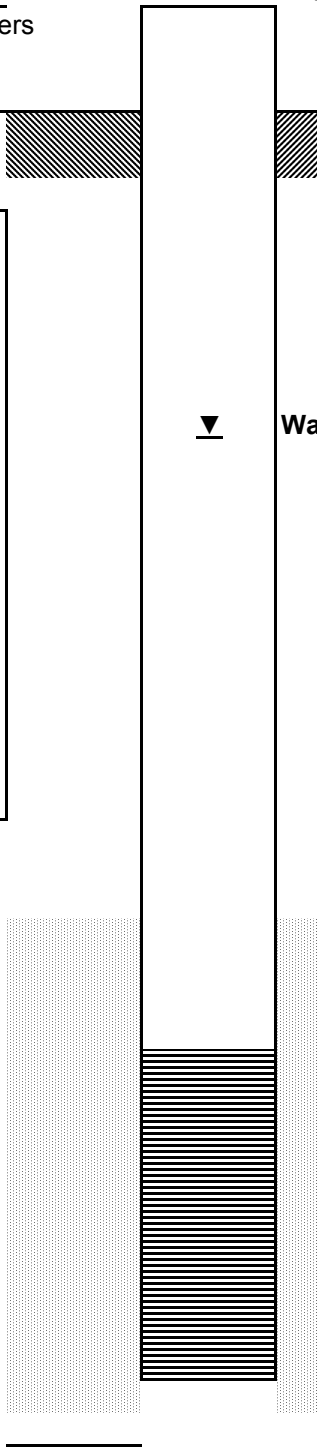
	Core Sample				Strata Change	Depth	SAMPLE
Odor/PID/OVA	No.	Recovery%	Depth (ft.)	Blows/6"	General Description	(feet)	DESCRIPTION
1.1	1	60	0'-4'		Sand	4'	Sand, fine, brown, dry
0.9	2	80	4'-8'		Sand	8'	Sand, fine-med, brown, dry, loose
1.6	3	90	8'-12'		Sand	12'	Sand, med-coarse, brown, wet at 11'
0.2	4	80	12'-16'		Sand	16'	Sand, med-coarse, brown, wet

Remarks: Installed a 1" diameter PVC monitoring well with screen between 10' - 15'. Backfilled screen and casing with bagged commercial filter sand to approximately 6" below the concrete basement floor. Installed a cast-iron flush mounted well box.

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

MONITORING WELL DIAGRAM

WELL No. MW-1
Project IDA Cleaners



		Depth
Top of Casing +/-	El.	0
Land Surface		
Basement Floor		
Cement Grout / Seal		0.5
Water Level		10.67 ft
Backfill (type, depth)		
Commercial Sand		
Top of Filter Pack		0.5 ft
Top of Screen		10 ft
Filter Pack		5 ft long
Bottom of Screen		15 ft
Bottom of Filter Pack		15 ft

Notes:

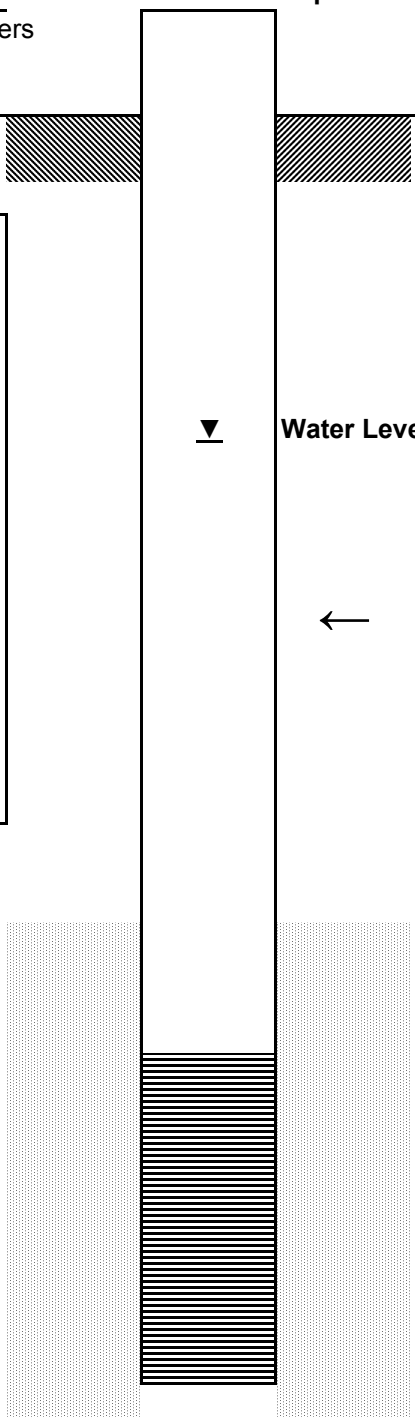
Hole Dia. **2-inch**
Casing Dia **1-inch**
Screen Dia **1-inch**
Materials: **PVC**

Prepared by: MJM

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

MONITORING WELL DIAGRAM

WELL No. MW-2
Project IDA Cleaners



		Depth
Top of Casing +/-	El.	0
Land Surface		
Basement Floor		
Cement Grout / Seal		0.5
Water Level		10.58 ft
Backfill (type, depth)		
Commercial Sand		
Top of Filter Pack		0.5 ft
Top of Screen		10 ft
Filter Pack		5 ft long
Bottom of Screen		15 ft
Bottom of Filter Pack		15 ft

Notes:

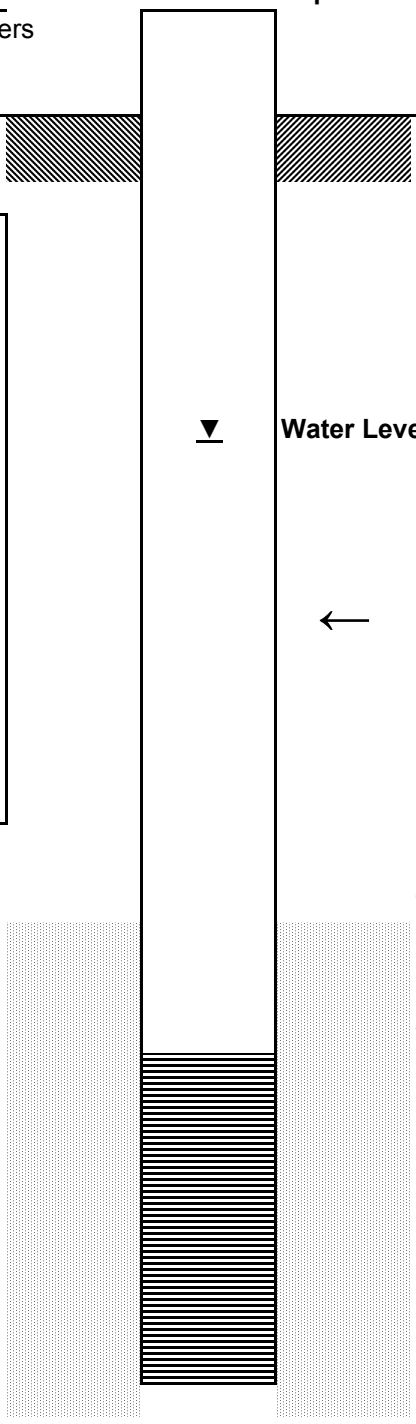
Hole Dia. **2-inch**
Casing Dia **1-inch**
Screen Dia **1-inch**
Materials: **PVC**

Prepared by: MJM

MC ENVIRONMENTAL, LLC
26 Railroad Avenue, No.182
Babylon, New York 11702

MONITORING WELL DIAGRAM

WELL No. MW-3
Project IDA Cleaners



		Depth
Top of Casing +/-	El.	0
Land Surface		
Basement Floor		
Cement Grout / Seal		0.5
Water Level		10.69 ft
Backfill (type, depth)		
Commercial Sand		
Top of Filter Pack		0.5 ft
Top of Screen		10 ft
Filter Pack		5 ft long
Bottom of Screen		15 ft
Bottom of Filter Pack		15 ft

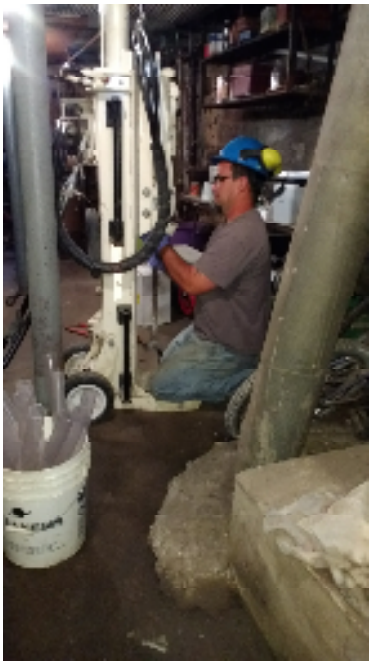
Notes:

Hole Dia. **2-inch**
Casing Dia **1-inch**
Screen Dia **1-inch**
Materials: **PVC**

Prepared by: MJM

Appendix B
479 Kings Highway
Photographs

Drilling SV-1 Near Boilers



Drilling Well MW-1 (north)

Drilling MW-1 Looking South

MW-1 Finished

Finished Well MW-2 along West Wall

Monitoring Point SV-1

Monitoring Point SV-2

Well MW-1 Completion in Flush-mount Box

Appendix C
579 Kings Highway
Laboratory Data Packages

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 06, 2017

Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Project ID: FORESTA /IDA CLEANERS
Sample ID#s: BY51281 - BY51283

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. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

July 06, 2017

SDG I.D.: GBY51281

BY51281 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY51282 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BY51283 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 06, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/29/17	
Location Code:	MCENV	Received by:	LB	06/30/17	17:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY51281
Phoenix ID: BY51281

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-1 11 FT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	87		%		06/30/17	D	SW846-%Solid	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloropropene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromoethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloropropane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichloropropane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
2,2-Dichloropropane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Chlorotoluene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Hexanone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Isopropyltoluene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	1
4-Chlorotoluene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-1 11 FT

Phoenix I.D.: BY51281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Acetone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Acrylonitrile	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Benzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromochloromethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromodichloromethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromoform	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromomethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon Disulfide	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Chlorobenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroform	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloromethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromochloromethane	ND	5.0	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromomethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Ethylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Isopropylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
m&p-Xylene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Methylene chloride	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Naphthalene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Butylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Propylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
o-Xylene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Styrene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrachloroethene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	1
Toluene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Total Xylenes	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichloroethene	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
Vinyl chloride	ND	5.8	ug/Kg	1	07/04/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98		%	1	07/04/17	JLI	70 - 130 %	
% Bromofluorobenzene	98		%	1	07/04/17	JLI	70 - 130 %	

Ver 1

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-1 11 FT

Phoenix I.D.: BY51281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	100		%	1	07/04/17	JLI	70 - 130 %
% Toluene-d8	95		%	1	07/04/17	JLI	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

Phyllis Shiller, Laboratory Director
July 06, 2017
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 06, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/29/17	
Location Code:	MCENV	Received by:	LB	06/30/17	17:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY51281
Phoenix ID: BY51282

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-2 11 FT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	90		%		06/30/17	D	SW846-%Solid	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloropropene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromoethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloropropane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichloropropane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
2,2-Dichloropropane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Chlorotoluene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Hexanone	ND	28	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Isopropyltoluene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	1
4-Chlorotoluene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	

Project ID: FORESTA /IDA CLEANERS

Phoenix I.D.: BY51282

Client ID: MW-2 11 FT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/04/17	JLI	SW8260C	
Acetone	ND	28	ug/Kg	1	07/04/17	JLI	SW8260C	
Acrylonitrile	ND	11	ug/Kg	1	07/04/17	JLI	SW8260C	
Benzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromochloromethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromodichloromethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromoform	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromomethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon Disulfide	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Chlorobenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroform	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloromethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromochloromethane	ND	5.0	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromomethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Ethylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Isopropylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
m&p-Xylene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/04/17	JLI	SW8260C	
Methylene chloride	ND	11	ug/Kg	1	07/04/17	JLI	SW8260C	
Naphthalene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Butylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Propylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
o-Xylene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Styrene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrachloroethene	11	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/04/17	JLI	SW8260C	1
Toluene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Total Xylenes	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichloroethene	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
Vinyl chloride	ND	5.6	ug/Kg	1	07/04/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/04/17	JLI	70 - 130 %	
% Bromofluorobenzene	97		%	1	07/04/17	JLI	70 - 130 %	

Ver 1

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-2 11 FT

Phoenix I.D.: BY51282

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	101		%	1	07/04/17	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/04/17	JLI	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

Phyllis Shiller, Laboratory Director
July 06, 2017
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 06, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/29/17	
Location Code:	MCENV	Received by:	LB	06/30/17	17:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY51281
Phoenix ID: BY51283

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-3 11 FT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	86		%		06/30/17	D	SW846-%Solid	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloroethene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,1-Dichloropropene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dibromoethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,2-Dichloropropane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,3-Dichloropropane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
2,2-Dichloropropane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Chlorotoluene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Hexanone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
2-Isopropyltoluene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	1
4-Chlorotoluene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-3 11 FT

Phoenix I.D.: BY51283

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Acetone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Acrylonitrile	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Benzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromochloromethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromodichloromethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromoform	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Bromomethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon Disulfide	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Chlorobenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloroform	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Chloromethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromochloromethane	ND	5.0	ug/Kg	1	07/04/17	JLI	SW8260C	
Dibromomethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Ethylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Hexachlorobutadiene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Isopropylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
m&p-Xylene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	ug/Kg	1	07/04/17	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Methylene chloride	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Naphthalene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Butylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
n-Propylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
o-Xylene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
p-Isopropyltoluene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
sec-Butylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Styrene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
tert-Butylbenzene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrachloroethene	19	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	1
Toluene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Total Xylenes	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichloroethene	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorofluoromethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
Vinyl chloride	ND	5.9	ug/Kg	1	07/04/17	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98		%	1	07/04/17	JLI	70 - 130 %	
% Bromofluorobenzene	97		%	1	07/04/17	JLI	70 - 130 %	

Ver 1

Project ID: FORESTA /IDA CLEANERS
Client ID: MW-3 11 FT

Phoenix I.D.: BY51283

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99		%	1	07/04/17	JLI	70 - 130 %
% Toluene-d8	96		%	1	07/04/17	JLI	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

Phyllis Shiller, Laboratory Director
July 06, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 06, 2017

QA/QC Data

SDG I.D.: GBY51281

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 392483 (ug/kg), QC Sample No: BY51235 (BY51281, BY51282, BY51283)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	105	104	1.0				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	109	109	0.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	92	98	6.3				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	100	103	3.0				70 - 130	30
1,1-Dichloroethane	ND	5.0	103	104	1.0				70 - 130	30
1,1-Dichloroethene	ND	5.0	108	110	1.8				70 - 130	30
1,1-Dichloropropene	ND	5.0	104	102	1.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	96	98	2.1				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	86	90	4.5				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	90	90	0.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	92	91	1.1				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	103	116	11.9				70 - 130	30
1,2-Dibromoethane	ND	5.0	97	101	4.0				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	93	93	0.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	102	103	1.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	99	100	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	95	94	1.1				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	93	92	1.1				70 - 130	30
1,3-Dichloropropane	ND	5.0	93	94	1.1				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	92	90	2.2				70 - 130	30
2,2-Dichloropropane	ND	5.0	103	104	1.0				70 - 130	30
2-Chlorotoluene	ND	5.0	93	94	1.1				70 - 130	30
2-Hexanone	ND	25	88	98	10.8				70 - 130	30
2-Isopropyltoluene	ND	5.0	99	98	1.0				70 - 130	30
4-Chlorotoluene	ND	5.0	91	90	1.1				70 - 130	30
4-Methyl-2-pentanone	ND	25	99	110	10.5				70 - 130	30
Acetone	ND	10	79	87	9.6				70 - 130	30
Acrylonitrile	ND	5.0	102	114	11.1				70 - 130	30
Benzene	ND	1.0	100	100	0.0				70 - 130	30
Bromobenzene	ND	5.0	96	96	0.0				70 - 130	30
Bromochloromethane	ND	5.0	103	105	1.9				70 - 130	30
Bromodichloromethane	ND	5.0	107	109	1.9				70 - 130	30
Bromoform	ND	5.0	113	116	2.6				70 - 130	30
Bromomethane	ND	5.0	123	124	0.8				70 - 130	30
Carbon Disulfide	ND	5.0	108	109	0.9				70 - 130	30
Carbon tetrachloride	ND	5.0	118	120	1.7				70 - 130	30
Chlorobenzene	ND	5.0	96	96	0.0				70 - 130	30
Chloroethane	ND	5.0	122	123	0.8				70 - 130	30
Chloroform	ND	5.0	105	106	0.9				70 - 130	30
Chloromethane	ND	5.0	120	123	2.5				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	107	6.8				70 - 130	30

QA/QC Data

SDG I.D.: GBY51281

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	5.0	103	104	1.0				70 - 130	30	
Dibromochloromethane	ND	3.0	109	113	3.6				70 - 130	30	
Dibromomethane	ND	5.0	102	105	2.9				70 - 130	30	
Dichlorodifluoromethane	ND	5.0	132	135	2.2				70 - 130	30	I
Ethylbenzene	ND	1.0	97	96	1.0				70 - 130	30	
Hexachlorobutadiene	ND	5.0	98	97	1.0				70 - 130	30	
Isopropylbenzene	ND	1.0	97	96	1.0				70 - 130	30	
m&p-Xylene	ND	2.0	96	95	1.0				70 - 130	30	
Methyl ethyl ketone	ND	5.0	89	100	11.6				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	119	128	7.3				70 - 130	30	
Methylene chloride	ND	5.0	96	98	2.1				70 - 130	30	
Naphthalene	ND	5.0	103	109	5.7				70 - 130	30	
n-Butylbenzene	ND	1.0	91	89	2.2				70 - 130	30	
n-Propylbenzene	ND	1.0	95	93	2.1				70 - 130	30	
o-Xylene	ND	2.0	100	99	1.0				70 - 130	30	
p-Isopropyltoluene	ND	1.0	96	94	2.1				70 - 130	30	
sec-Butylbenzene	ND	1.0	99	98	1.0				70 - 130	30	
Styrene	ND	5.0	97	96	1.0				70 - 130	30	
tert-Butylbenzene	ND	1.0	98	97	1.0				70 - 130	30	
Tetrachloroethene	ND	5.0	108	107	0.9				70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	94	107	12.9				70 - 130	30	
Toluene	ND	1.0	104	103	1.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	103	105	1.9				70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	98	99	1.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	94	102	8.2				70 - 130	30	
Trichloroethene	ND	5.0	106	105	0.9				70 - 130	30	
Trichlorofluoromethane	ND	5.0	119	118	0.8				70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	117	118	0.9				70 - 130	30	
Vinyl chloride	ND	5.0	124	124	0.0				70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	102	102	0.0				70 - 130	30	
% Bromofluorobenzene	97	%	101	101	0.0				70 - 130	30	
% Dibromofluoromethane	102	%	103	107	3.8				70 - 130	30	
% Toluene-d8	95	%	102	101	1.0				70 - 130	30	

Comment:

The MS/MSD are not reported for this batch.

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

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

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

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

Phyllis Shiller, Laboratory Director
July 06, 2017

Thursday, July 06, 2017

Criteria: NY: GW, TAGS

State: NY

Sample Criteria Exceedances Report

GBY51281 - MCENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 06, 2017 SDG I.D.: GBY51281

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM14 07/03/17-2: BY51281, BY51282, BY51283

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 06, 2017

SDG I.D.: GBY51281

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes ✓ No ☐
Coolant: IPK ✓ ICE ✓ No ☐
Temp 3.8 Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: mike@MC-environmental.net

Customer: MC ENVIRONMENTAL, LLC
Address: 26 RAILROAD AVE. NO. 182
BABYLON, NY 11702

Project: FORESTA / IDA CLEANERS Project P.O:
Report to: MIKE McEACHERN
Invoice to: " "

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 6/29/17

Client Sample - Information - Identification

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs-8260	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
51281	MW-1 11 ft.	S	6/29		X		1		1						
51282	MW-2 11 ft.	S	6/29		X		1		1						
51283	MW-3 11 ft.	S	6/29		X		1		1						
X 51284	MW-1	GW	6/29		X				3						
X 51285	MW-2	GW	6/29		X				3						
X 51286	MW-3	GW	6/29		X				3						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/30	11:00
		6-30	17:45

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☒ 10 Days
☐ Other
* SURCHARGE APPLIES

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

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

Data Format
☐ Phoenix Std Report
☑ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:

NOTE! SOIL JARS HAD NO LABELS - SEE MARKINGS ON CAP

X 2 low level 1 high level Voa received emailed Client MD

GBY 51281

Monica Pellerin

From: Monica Pellerin
Sent: Friday, June 30, 2017 6:15 PM
To: 'mike@mc-environmental.net'
Cc: Shannon Wilhelm
Subject: Foresta/IDA Cleaners

Good evening.

We received you samples today with regards to the above referenced project. Unfortunately, for sample MW-1, MW-2 and MW-3 which are listed as Ground Water samples the VOA vials that were used are soil VOAs with methanol and/or H20. To analyze the ground water VOCs the preservative should have been HCL. Therefore, we will not be able to analyze those 3 samples.

If you have any questions, please feel free to contact me.

Sincerely,
>
>
Monica Pellerin
Client Service Representative
Phoenix Environmental Labs
587 Middle Turnpike East
Manchester, CT
860-645-1102
Fax: 860-645-0823

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 17, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/12/17	9:45
Location Code:	MCENV	Received by:	SW	07/13/17	16:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY58837
Phoenix ID: BY58837

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-1

Phoenix I.D.: BY58837

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/14/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/14/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Tetrachloroethene	14	1.0	ug/L	1	07/14/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/14/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/14/17	MH	70 - 130 %	
% Bromofluorobenzene	100		%	1	07/14/17	MH	70 - 130 %	
% Dibromofluoromethane	97		%	1	07/14/17	MH	70 - 130 %	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-1

Phoenix I.D.: BY58837

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	07/14/17	MH	70 - 130 %

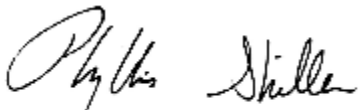
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

BY58837 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

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



Phyllis Shiller, Laboratory Director
July 17, 2017
Official Report Release To Follow

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 17, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/12/17	10:05
Location Code:	MCENV	Received by:	SW	07/13/17	16:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY58837
Phoenix ID: BY58838

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-2

Phoenix I.D.: BY58838

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/14/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/14/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,2-Dichloroethene	6.2	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Tetrachloroethene	100	5.0	ug/L	5	07/14/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/14/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Trichloroethene	1.1	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/14/17	MH	70 - 130 %	
% Bromofluorobenzene	100		%	1	07/14/17	MH	70 - 130 %	
% Dibromofluoromethane	100		%	1	07/14/17	MH	70 - 130 %	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-2

Phoenix I.D.: BY58838

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	07/14/17	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded 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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
July 17, 2017
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 17, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/12/17	10:25
Location Code:	MCENV	Received by:	SW	07/13/17	16:20
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBY58837
Phoenix ID: BY58839

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/14/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-3

Phoenix I.D.: BY58839

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/14/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/14/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,2-Dichloroethene	19	1.0	ug/L	1	07/14/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/14/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Tetrachloroethene	200	10	ug/L	10	07/14/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/14/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/14/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/14/17	MH	SW8260C	
Trichloroethene	2.1	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/14/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	07/14/17	MH	70 - 130 %	
% Bromofluorobenzene	100		%	1	07/14/17	MH	70 - 130 %	
% Dibromofluoromethane	100		%	1	07/14/17	MH	70 - 130 %	

Project ID: FORESTA IDA CLEANER5S
Client ID: MW-3

Phoenix I.D.: BY58839

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	07/14/17	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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded 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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
July 17, 2017
Official Report Release To Follow

Sample Criteria Exceedances Report

GBY58837 - MCENV

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 3.7 C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☑ Phone: 516-242-4981
☑ Email: mike@mc-environmental.net

Customer: MC ENVIRONMENTAL, LLC
Address: 26 RAILROAD AVE. NO. 192
BABYLON, NY 11702

Project: FORESTA/IDA CLEANERS
Report to: M.J. McEACHERN
Invoice to: SAME

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 7/12/17

Client Sample - Information - Identification

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

Analysis Request: VOCs - Method 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs - Method 8260	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
58637	MW-1	GW	7/12	09:48	1				3						
58638	MW-2	"	"	10:05	1				3						
58639	MW-3	"	"	10:25	1				3						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7/13/17	9:30
	[signature]	7-13-17	1630

Comments, Special Requirements or Regulations:
PLEASE PROCESS 2-DAY TURNAROUND W/O EXTRA CHARGE PER TELEPHONE DISCUSSION.

Turnaround:
☐ 1 Day*
☑ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

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

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

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected:

PHOENIX
Environmental Laboratories, Inc.

Friday, July 07, 2017

Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Project ID: FORESTA /IDA CLEANERS
Sample ID#s: BY51279 - BY51280

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. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 07, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MM	06/29/17	11:50
Location Code:	MCENV	Received by:	LB	06/30/17	17:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	463				

Laboratory Data

SDG ID: GBY51279
Phoenix ID: BY51279

Project ID: FORESTA /IDA CLEANERS
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/01/17	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	07/01/17	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/01/17	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/01/17	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/01/17	KCA	1	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	07/01/17	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/01/17	KCA	1	
1,2,4-Trimethylbenzene	14.2	*0.204*	69.8	*1.00*	07/01/17	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/01/17	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/01/17	KCA	1	
1,3,5-Trimethylbenzene	4.61	*0.204*	22.6	*1.00*	07/01/17	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/01/17	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/01/17	KCA	1	
1,4-Dichlorobenzene	0.187	*0.166*	1.12	*1.00*	07/01/17	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/01/17	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/01/17	KCA	1	1
4-Ethyltoluene	3.69	*0.204*	18.1	*1.00*	07/01/17	KCA	1	1
4-Isopropyltoluene	0.808	*0.182*	4.43	*1.00*	07/01/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	3.99	*0.244*	16.3	*1.00*	07/01/17	KCA	1	
Acetone	211	*4.21*	501	*10.0*	07/05/17	KCA	10	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/01/17	KCA	1	
Benzene	9.67	*0.313*	30.9	*1.00*	07/01/17	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/01/17	KCA	1	

Project ID: FORESTA /IDA CLEANERS

Phoenix I.D.: BY51279

Client ID: SV-2

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/01/17	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	07/01/17	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	07/01/17	KCA	1	
Carbon Disulfide	0.335		*0.321*	1.04	*1.00*	07/01/17	KCA	1	
Carbon Tetrachloride	0.070		*0.040*	0.44	*0.25*	07/01/17	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/01/17	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	07/01/17	KCA	1	
Chloroform	8.74		*0.205*	42.6	*1.00*	07/01/17	KCA	1	
Chloromethane	ND		*0.485*	ND	*1.00*	07/01/17	KCA	1	
Cis-1,2-Dichloroethene	15.3		*0.252*	60.6	*1.00*	07/01/17	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/01/17	KCA	1	
Cyclohexane	28.7		*0.291*	98.7	*1.00*	07/01/17	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	07/01/17	KCA	1	
Dichlorodifluoromethane	0.539		*0.202*	2.66	*1.00*	07/01/17	KCA	1	
Ethanol	236	E	*0.531*	444	*1.00*	07/01/17	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	07/01/17	KCA	1	1
Ethylbenzene	10.7		*0.230*	46.4	*1.00*	07/01/17	KCA	1	
Heptane	25.1		*0.244*	103	*1.00*	07/01/17	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/01/17	KCA	1	
Hexane	38.1		*0.284*	134	*1.00*	07/01/17	KCA	1	
Isopropylalcohol	5.20		*0.407*	12.8	*1.00*	07/01/17	KCA	1	
Isopropylbenzene	1.64		*0.204*	8.06	*1.00*	07/01/17	KCA	1	
m,p-Xylene	32.7		*0.230*	142	*1.00*	07/01/17	KCA	1	
Methyl Ethyl Ketone	81.1		*3.39*	239	*10.0*	07/05/17	KCA	10	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/01/17	KCA	1	
Methylene Chloride	1.25	S	*0.288*	4.34	*1.00*	07/01/17	KCA	1	
n-Butylbenzene	1.45		*0.182*	7.95	*1.00*	07/01/17	KCA	1	1
o-Xylene	13.4		*0.230*	58.1	*1.00*	07/01/17	KCA	1	
Propylene	4.01		*0.581*	6.90	*1.00*	07/01/17	KCA	1	1
sec-Butylbenzene	0.758		*0.182*	4.16	*1.00*	07/01/17	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	07/01/17	KCA	1	
Tetrachloroethene	22.6		*0.037*	153	*0.25*	07/01/17	KCA	1	
Tetrahydrofuran	23.9		*0.339*	70.4	*1.00*	07/01/17	KCA	1	1
Toluene	58.1		*2.66*	219	*10.0*	07/05/17	KCA	10	
Trans-1,2-Dichloroethene	0.414		*0.252*	1.64	*1.00*	07/01/17	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/01/17	KCA	1	
Trichloroethene	4.90		*0.047*	26.3	*0.25*	07/01/17	KCA	1	
Trichlorofluoromethane	0.244		*0.178*	1.37	*1.00*	07/01/17	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	07/01/17	KCA	1	
Vinyl Chloride	ND		*0.098*	ND	*0.25*	07/01/17	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	96		*%*	96	*%*	07/01/17	KCA	1	

Ver 1

Project ID: FORESTA /IDA CLEANERS
Client ID: SV-2

Phoenix I.D.: BY51279

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

July 07, 2017

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 07, 2017

FOR: Attn: Mr Michael J McEachern, CPG
MC Environmental, LLC
26 Railroad Avenue, No. 182
Babylon, NY 11702

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MM	06/29/17	11:45
Location Code:	MCENV	Received by:	LB	06/30/17	17:45
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21345				

Laboratory Data

SDG ID: GBY51279
Phoenix ID: BY51280

Project ID: FORESTA /IDA CLEANERS
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/01/17	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	07/01/17	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/01/17	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/01/17	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/01/17	KCA	1	
1,1-Dichloroethene	2.96	*0.252*	11.7	*1.00*	07/01/17	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/01/17	KCA	1	
1,2,4-Trimethylbenzene	14.1	*0.204*	69.3	*1.00*	07/01/17	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/01/17	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	07/01/17	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/01/17	KCA	1	
1,3,5-Trimethylbenzene	4.68	*0.204*	23.0	*1.00*	07/01/17	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/01/17	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/01/17	KCA	1	
1,4-Dichlorobenzene	0.171	*0.166*	1.03	*1.00*	07/01/17	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/01/17	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/01/17	KCA	1	1
4-Ethyltoluene	3.85	*0.204*	18.9	*1.00*	07/01/17	KCA	1	1
4-Isopropyltoluene	0.917	*0.182*	5.03	*1.00*	07/01/17	KCA	1	1
4-Methyl-2-pentanone(MIBK)	3.86	*0.244*	15.8	*1.00*	07/01/17	KCA	1	
Acetone	199	*4.21*	472	*10.0*	07/05/17	KCA	10	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/01/17	KCA	1	
Benzene	10.4	*0.313*	33.2	*1.00*	07/01/17	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/01/17	KCA	1	

Project ID: FORESTA /IDA CLEANERS

Phoenix I.D.: BY51280

Client ID: SV-1

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*		ND	*1.00*	07/01/17	KCA	1	
Bromoform	ND	*0.097*		ND	*1.00*	07/01/17	KCA	1	
Bromomethane	ND	*0.258*		ND	*1.00*	07/01/17	KCA	1	
Carbon Disulfide	0.426	*0.321*		1.33	*1.00*	07/01/17	KCA	1	
Carbon Tetrachloride	0.180	*0.040*		1.13	*0.25*	07/01/17	KCA	1	
Chlorobenzene	ND	*0.217*		ND	*1.00*	07/01/17	KCA	1	
Chloroethane	ND	*0.379*		ND	*1.00*	07/01/17	KCA	1	
Chloroform	15.0	*0.205*		73.2	*1.00*	07/01/17	KCA	1	
Chloromethane	ND	*0.485*		ND	*1.00*	07/01/17	KCA	1	
Cis-1,2-Dichloroethene	741	*7.57*		2940	*30.0*	07/05/17	KCA	30	
cis-1,3-Dichloropropene	ND	*0.221*		ND	*1.00*	07/01/17	KCA	1	
Cyclohexane	29.8	*0.291*		103	*1.00*	07/01/17	KCA	1	
Dibromochloromethane	ND	*0.118*		ND	*1.00*	07/01/17	KCA	1	
Dichlorodifluoromethane	0.553	*0.202*		2.73	*1.00*	07/01/17	KCA	1	
Ethanol	272	*5.31*		512	*10.0*	07/05/17	KCA	10	1
Ethyl acetate	1.04	*0.278*		3.75	*1.00*	07/01/17	KCA	1	1
Ethylbenzene	10.3	*0.230*		44.7	*1.00*	07/01/17	KCA	1	
Heptane	23.8	*0.244*		97.5	*1.00*	07/01/17	KCA	1	
Hexachlorobutadiene	ND	*0.094*		ND	*1.00*	07/01/17	KCA	1	
Hexane	37.8	*0.284*		133	*1.00*	07/01/17	KCA	1	
Isopropylalcohol	4.23	*0.407*		10.4	*1.00*	07/01/17	KCA	1	
Isopropylbenzene	1.76	*0.204*		8.65	*1.00*	07/01/17	KCA	1	
m,p-Xylene	32.1	*0.230*		139	*1.00*	07/01/17	KCA	1	
Methyl Ethyl Ketone	77.7	*3.39*		229	*10.0*	07/05/17	KCA	10	
Methyl tert-butyl ether(MTBE)	ND	*0.278*		ND	*1.00*	07/01/17	KCA	1	
Methylene Chloride	1.31	S	*0.288*	4.55	*1.00*	07/01/17	KCA	1	
n-Butylbenzene	1.58	*0.182*		8.67	*1.00*	07/01/17	KCA	1	1
o-Xylene	13.3	*0.230*		57.7	*1.00*	07/01/17	KCA	1	
Propylene	3.96	*0.581*		6.81	*1.00*	07/01/17	KCA	1	1
sec-Butylbenzene	ND	*0.182*		ND	*1.00*	07/01/17	KCA	1	1
Styrene	ND	*0.235*		ND	*1.00*	07/01/17	KCA	1	
Tetrachloroethene	288	*0.369*		1950	*2.50*	07/05/17	KCA	10	
Tetrahydrofuran	23.5	*0.339*		69.3	*1.00*	07/01/17	KCA	1	1
Toluene	51.6	*2.66*		194	*10.0*	07/05/17	KCA	10	
Trans-1,2-Dichloroethene	4.74	*0.252*		18.8	*1.00*	07/01/17	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*		ND	*1.00*	07/01/17	KCA	1	
Trichloroethene	63.6	*0.466*		342	*2.50*	07/05/17	KCA	10	
Trichlorofluoromethane	0.278	*0.178*		1.56	*1.00*	07/01/17	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*		ND	*1.00*	07/01/17	KCA	1	
Vinyl Chloride	4.54	*0.098*		11.6	*0.25*	07/01/17	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	95	*%*		95	*%*	07/01/17	KCA	1	

Ver 1

Project ID: FORESTA /IDA CLEANERS
Client ID: SV-1

Phoenix I.D.: BY51280

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

July 07, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 07, 2017

QA/QC Data

SDG I.D.: GBY51279

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 392450 (ppbv), QC Sample No: BY51353 (BY51279, BY51280)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	83	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	99	23.5	24.4	4.79	4.97	3.7	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	97	5.36	5.85	1.09	1.19	8.8	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	92	6.67	6.80	1.63	1.66	1.8	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	98	6.34	6.48	1.29	1.32	2.3	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	100	1.32	1.33	0.240	0.242	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	70	2.82	3.14	0.883	0.982	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	103	1.47	1.46	0.471	0.468	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	106	4.92	4.35	0.782	0.692	12.2	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	89	1.79	1.91	0.521	0.554	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	109	2.74	2.81	0.554	0.569	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	95	41.6	41.4	22.1	22.0	0.5	70 - 130	25
Ethyl acetate	ND	0.278	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GBY51279

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	0.230	ND	1.00	93	12.6	13.7	2.90	3.16	8.6	70 - 130	25
Heptane	ND	0.244	ND	1.00	89	7.25	6.80	1.77	1.66	6.4	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	83	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	89	3.84 S	4.19 S	1.09 S	1.19 S	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	87	13.5	13.3	5.49	5.43	1.1	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	95	1.18	1.16	0.240	0.236	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	96	56.0	57.7	12.9	13.3	3.1	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	102	1.91	1.77	0.349	0.322	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	96	18.0	18.5	4.14	4.26	2.9	70 - 130	25
Propylene	ND	0.581	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	95	3.72	4.22	0.873	0.991	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	98	0.98	1.00	0.145	0.147	NC	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	94	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	112	2.31	2.06	0.412	0.367	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	99	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%	100	100	104	100	104	NC	70 - 130	25

QA/QC Batch 392589 (ppbv), QC Sample No: BY51722 (BY51279 (10X) , BY51280 (10X, 30X))

Volatiles

Acetone	ND	0.421	ND	1.00	101	189	185	79.8	77.9	2.4	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	93	23.5	24.7	12.5	13.1	4.7	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	96	6.07	6.25	2.06	2.12	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	99	6.85	6.32	1.01	0.932	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	95	7.04	7.31	1.87	1.94	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	101	ND	ND	ND	ND	NC	70 - 130	25

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
July 07, 2017

Friday, July 07, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY51279 - MCENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 07, 2017 SDG I.D.: GBY51279

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: mike@mc-environmental.net
☐ Phone #:

Report to: MIKE McEACHERN
Customer: MC ENVIRONMENTAL, LLC
Address: 26 RAILROAD AVE., No. 182
BABYLON, NY 11702

Invoice to: SAME

Sampled by: MIKE McEACHERN

Project Name: FORESTA / FDA CLEANERS
Requested Deliverable:
RCP ☐ ASP CAT B ☐
MCP ☐ NJ Deliverables ☐
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
51279	SV-2	463	6.0	-30	-7	3256	43	0980	1150	6/29	-30"	~5"		X			X
51280	[redacted] SV-1	21345	6.0	-30	-6	5040	43	0945	1145	6/29	-30"	~5"		X			X
	Col 2NV																

Relinquished by:	Accepted by:	Date:	Time:
		6/30	16:00
		6-30	17:45

Data Format:
Excel ☑ Equis ☐ GISKey ☐
PDF ☑ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: 6/29/17