



FOCUSED SUBSURFACE SITE INVESTIGATION (FSSI)

**92-98 NAGLE AVENUE
AKA 2-12 SICKLES STREET
NEW YORK, NEW YORK 10040**

PREPARED FOR

STERLING NATIONAL BANK

JUNE 2018

MECC PROJECT NO. M17389

MERRITT ENVIRONMENTAL CONSULTING CORP.

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June 19, 2018
Project M17389

Ms. Toni-Ann Soriano
Sterling National Bank
One Jericho Plaza, Suite 304
Jericho, New York 11753

RE: Focused Subsurface Site Investigation (FSSI)
92-98 Nagle Avenue
AKA: 2-12 Sickles Street
New York, New York

Dear Ms. Soriano:

Merritt Environmental Consulting Corp. (“MECC”) has completed this Focused Subsurface Site Investigation (the “FSSI”) at the 92 to 98 Nagle Avenue property (the “Site”). The Site contains a six-story mixed use residential/commercial. Historically, a dry cleaning operation was once located in the ground floor unit most recently occupied by a fruit and vegetable store. The focus of this study was to determine if past dry cleaning operations released perchloroethylene (PCE) to the environment at actionable concentrations. The results of the study identified PCE in groundwater at a concentration of 39,000 micrograms per liter (ug/l). Other volatile organic compounds (VOCs) that are PCE degradation products were also detected in groundwater. The applicable regulatory limit for PCE in groundwater is 5.0 ug/l and MECC qualifies the detected PCE concentration in groundwater at the Site as severe. Further investigation of the conditions discovered by this FSSI is warranted in order to understand the extent of the contamination and, based on the severity of the groundwater contamination, regulatory agency reporting is recommended.

Background

The Site is located at the northwest corner of the intersection of Nagle Avenue and Sickles Street in an urban setting. The Site consists of one (1) six-story mixed use residential/commercial building. Retail/commercial units are restricted to the ground floor of the building. The Site building contains a full basement and was constructed in 1927 on a 0.345-acre parcel (the building appears to cover the entire Site with the exception of narrow exterior courtyards). Building heat is supplied by a central boiler in the basement. The heating system is fueled by #2 heating oil stored in an aboveground storage tank, which is also in the basement. The Site appears to have always been connected to the municipal sewer and drinking water supply systems.

Based on information obtained by a recently completed Phase I Environmental Site Assessment (ESA) report, a dry cleaning operation was historically located within the tenant space at the southeast corner of the Site building nearest to the intersection of Nagle Avenue and Sickles Street. According to the findings of the ESA, this space may have contained a dry cleaner for as long as the period between 1934 and 2014 (this tenant space is currently vacant). The ESA also confirmed that the former dry cleaner was a registered generator of spent PCE at the Site.

The focus of this study was specifically within the basement of the vacant dry cleaner space within the Site building. Currently, the basement under the former dry cleaner contains storage of miscellaneous resident-owned items and the aboveground heating oil storage tank vault. Support columns reaching from the basement floor to the ceiling in the former dry cleaner basement were observed; such columns are typical installations to support the weight of a dry cleaning machine on the ground floor.

Topography and Geology

The elevation of the Site is approximately 25 feet above mean sea level. The Site is located at the base of a narrow valley formed by north to south-oriented ridges located to the east and west (see attached topographic map). Surface elevations slope gently up along Sickles Street toward one of the ridges east of the Site and the valley floor slopes gently down to the northeast. MECC therefore estimates that the local direction of groundwater flow is northeast following the downward slope of the valley floor. Native sediment encountered beneath the Site consists of brown medium well-sorted sand. This sediment was encountered in one of three borings installed into the basement floor of the former dry cleaner space; the remaining two borings encountered refusal on large rock at shallow depths. Water-bearing sand was encountered at a depth of roughly three feet below the former dry cleaner basement floor.

The boiler room is located in the basement of the Site building and the floor of this area is approximately four feet lower in elevation than the remainder of the basement floors. A large sump pit is present in the boiler room and it is clear that the sump is capturing groundwater for discharge to the local sewer system. MECC observed open runnels along the bottoms of the boiler room perimeter walls and water was observed to be flowing within these runnels towards the sump. The sump structure is approximately four feet long, four feet wide and roughly two feet deep and is lined with concrete.

Scope of Work Completed

MECC employed an electrically-powered hammer drill to create three openings into the basement floor of the former dry cleaner space. Two of these openings were installed into a narrow space between the aboveground storage tank vault (it appears that this storage tank and vault were installed in the former dry cleaner space in the recent past). Mr. Frank Galdun, Project Geologist with MECC, conducted all drilling and field sampling activities. All field work was completed on June 4, 2018. A hand auger was used to complete all borings. Soil Boring Nos. B1 and B2 encountered refusal within two feet below the basement floor. Soil Boring B3 was finished to a depth of six feet below the floor.

Shallow grab soil samples were collected from the three boring for laboratory analysis. B3 was converted to a temporary well point for groundwater sample collection and laboratory analysis. Since a groundwater sump is located an estimated 25 feet from the former dry cleaner area, MECC collected a sample of the standing water in this structure for laboratory analysis.

Soil Quality Field Screening Results

MECC conducted continuous physical evaluation of soil condition to determine if any evidence of contamination is present. In addition, the MECC employed a photoionization detector (PID) to determine if measurable levels of volatile organic vapors existed in the soil samples as they were extracted from the hand auger. MECC identified no unusual odors or discoloration in any of the soil samples extracted from the soil borings. However, a strong solvent odor was identified once B3 extended into the water table. PID responses at all soil samples collected from B1 and B2 were between 0.8 and 1.1 parts per million (ppm) and are considered low by MECC. The PID response in the soil sample in contact with the water table at B3 was over 400 ppm, verifying the distinct solvent odor.

Soil and Groundwater Sample Laboratory Analysis

MECC installed one-inch diameter PVC well screen into B3 to a depth of approximately three feet below the water table for groundwater sample collection. Dedicated disposable one-quarter inch diameter flexible tubing fitted with a foot valve was then used to collect the groundwater sample. Groundwater was purged until apparent turbidity was visibly reduced and one groundwater sample was collected from the well point for laboratory analysis. All purging and sampling was conducted under low-flow conditions using a peristaltic pump.

One grab soil sample was collected for laboratory analysis from above the water table at all borings. All samples (one groundwater, one sump sample and three soil) were analyzed at Veritech, a New York State Department of Health-Certified environmental laboratory (NYSDOH Cert. No. 10982). All samples were analyzed under EPA Method 8260 – VOCs.

All appropriate chain of custody documentation shall be completed before sample shipment to the laboratory. All samples were collected in laboratory-supplied containers and shipped on ice to the laboratory within one day of completion of field activities.

VOCs were detected in the soil samples and Table 1 summarizes these results:

Compound	Sample Location and Depth			Unrestricted Use SCO
	B1 1.5'	B2 1.5'	B3 1.5'	
Perchloroethylene	0.0028	0.0086	0.036	1.3

NOTES

1. Results in bold exceed Unrestricted Use Soil Cleanup Objectives (Unrestricted Use SCO) as defined in the New York State Department of Environmental Conservation, Division of Environmental Remediation, 6NYCRR Part 375, Environmental Remediation Programs, dated December 14, 2006.
2. All results are expressed in milligrams per kilogram (mg/kg), which can also be expressed as parts per million (ppm).
3. ND - Parameter non-detected, below method detection limits.

PCE was detected in all three samples, but at concentrations that do not approach the applicable regulatory limit. No other VOCs were detected in the three samples

VOCs were detected in the groundwater and sump samples. The following table summarizes the laboratory report.

TABLE 2: VOC RESULTS FOR B2GW (detected compounds only)			
Compound	B3GW	Sump	NYSDEC TOGS Standards
1,2,4-Trimethylbenzene	ND	4.4	5
1,3,5-Trimethylbenzene	ND	1.1	5
Naphthalene	ND	3.3	5
cis-1,2-Dichloroethene (cis-1,2-DCE)	180	7.8	5
Trichloroethene (TCE)	100	1.7	5
Perchloroethylene (PCE)	39000	46	5
Total VOCs	39280	64.3	

NOTES

1. All results are expressed in micrograms per liter (ug/l), also can be expressed as parts per billion (ppb).
2. Any result in bold exceeds New York State Department of Health Maximum Contaminant Level for drinking water, and the guidance values or standard listed in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) or "TOGS" Water Quality Standards and Guidance Values.
3. ND: Parameter non-detected, below method detection limits.

Laboratory analysis of these samples shows PCE at a concentration in groundwater as high as 39000 ug/l in B3GW. The regulatory limit for PCE in groundwater is 5 ug/l. PCE degradation products were also detected in the samples (cis-1,2-DCE, TCE). The data does show evidence indicating that the sump is drawing in some portion of the contaminated groundwater.

Conclusions/Recommendations

This FSSI has identified PCE in groundwater at a concentration of 39,000 micrograms per liter (ug/l). The applicable regulatory limit for PCE in groundwater is 5.0 ug/l and MECC qualifies the detected PCE concentration in groundwater at the Site as severe. Other evidence shows that contaminated groundwater is being drawn towards the sump pit, but not to a great degree as shown by the relatively low contaminant concentrations. Based on local surface topography, the estimated direction of groundwater flow is northeast. The former dry cleaner space is at the northeast end of the Site building and, therefore, it is possible that a contaminant plume has developed beyond Site borders to the northeast. Further investigation needs to be conducted to determine the extent of the contamination and to assess the potential of a vapor intrusion condition. Due to the discovered severity of the PCE contamination in groundwater, MECC recommends regulatory agency reporting.

Limitations of the FSSI

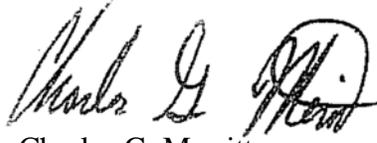
The scope of the FSSI is intended to aid in evaluating whether additional investigation would be prudent. The tasks that comprise this FSSI are not exhaustive or definitive. MECC has made no independent investigation of the accuracy of these secondary sources and has assumed them to be accurate and complete. MECC does not warrant the accuracy or completeness of information provided by secondary sources (MECC has no reason to believe that the secondary sources provided or acquired during this study contain intentionally false or misleading information). MECC does not warrant that all contamination that may exist under the Site has been discovered, that the Site is suitable for any particular purpose or that the Site is clean or free of liability.

If you have any questions concerning this document, please feel free to call our office.

Sincerely,
MERRITT ENVIRONMENTAL CONSULTING CORP.



Frank Galdun
Project Geologist



Charles G. Merritt
President/LEED AP

Attachments:

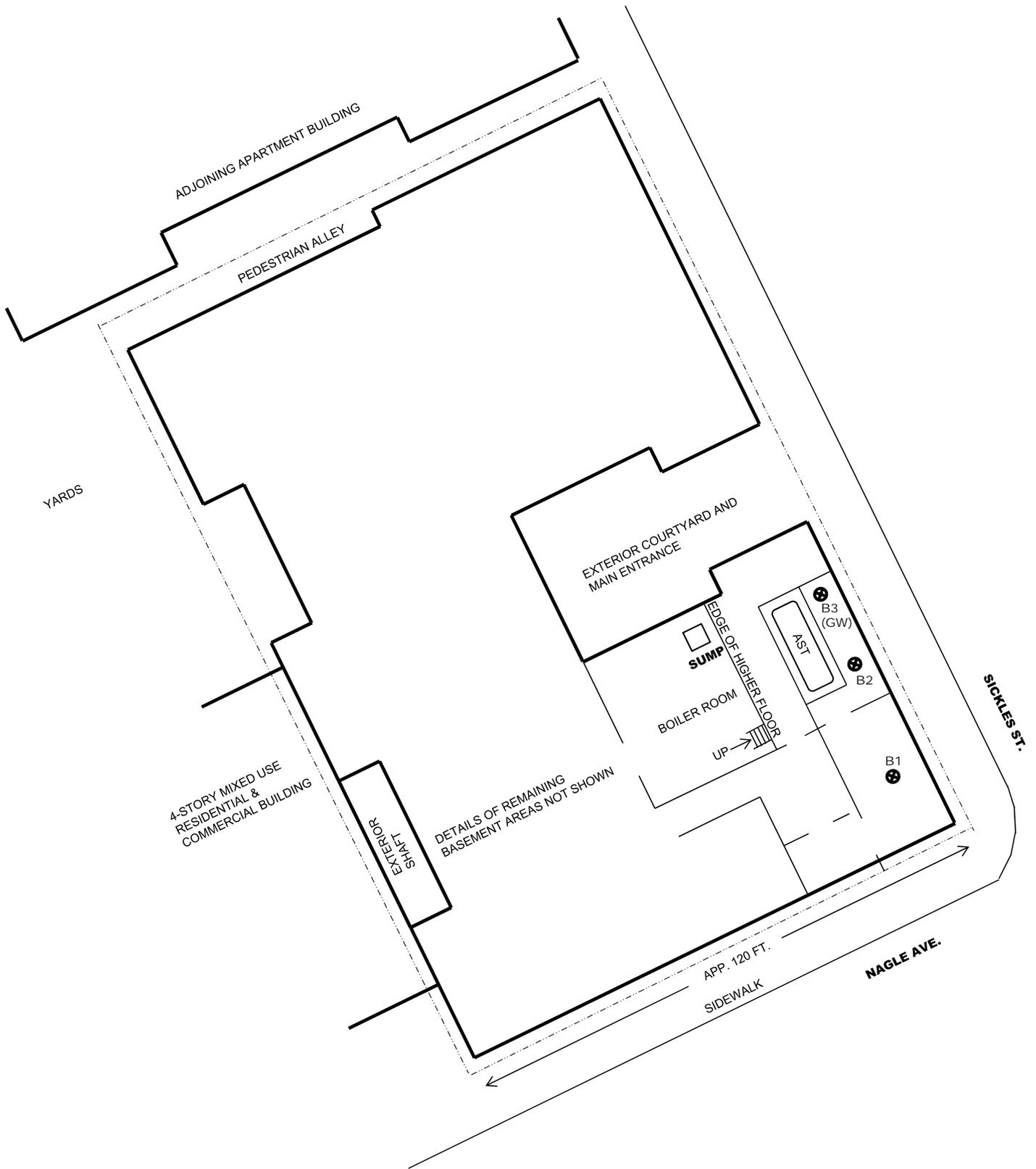
- Attachment 1: Site Location Map and Site Plan
- Attachment 2: Laboratory Report of Analysis
- Attachment 3: Site Photographs

Attachment 1: Site Location Map and Site Plan



SITE

<p>FIGURE 1: SITE LOCATION MAP Contour Interval: 10'</p>	<p>Site Address: 92 to 98 Nagle Ave. NY, NY</p>	
<p>USGS 7.5" Quadrangle Map titled <i>Central Park, NY</i>, dated 1995</p>		



SUMMARY OF VOCs DETECTED IN THE SUMP & GROUNDWATER SAMPLES (IN UG/L):

B3GW:	SUMP:
PCE: 39000	PCE: 46
TCE: 100	TCE: 1.7
CIS-1,2-DCE: 180	CIS-1,2-DCE: 7.8

NOTE:
INTERIOR DETAILS SHOW A PORTION OF THE BASEMENT LEVEL ONLY

ESTIMATED DIRECTION OF LOCAL
GROUNDWATER FLOW

SITE SKETCH: 92 TO 98 NAGLE AVE.
NOT TO SCALE NY, NY

PATTERNED LINES ENCLOSE THE SITE
 ⊕ DENOTES SOIL BORING LOCATIONS
 ("GW" DESIGNATION INDICATES GROUNDWATER SAMPLE LOCATIONS)



Attachment 2: Laboratory Report of Analysis

Hampton-Clarke Report Of Analysis

Client: GFE LLC

HC Project #: 8060402

Project: 98 NAGLE AVE

Sample ID: B1 1.5

Collection Date: 6/4/2018

Lab#: AD04552-001

Receipt Date: 6/4/2018

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.865	mg/kg	0.0020	ND
1,1-Dichloroethane	0.865	mg/kg	0.0020	ND
1,1-Dichloroethene	0.865	mg/kg	0.0020	ND
1,2,4-Trimethylbenzene	0.865	mg/kg	0.00098	ND
1,2-Dichlorobenzene	0.865	mg/kg	0.0020	ND
1,2-Dichloroethane	0.865	mg/kg	0.0020	ND
1,3,5-Trimethylbenzene	0.865	mg/kg	0.00098	ND
1,3-Dichlorobenzene	0.865	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.865	mg/kg	0.0020	ND
1,4-Dioxane	0.865	mg/kg	0.098	ND
2-Butanone	0.865	mg/kg	0.0020	ND
4-Isopropyltoluene	0.865	mg/kg	0.00098	ND
Acetone	0.865	mg/kg	0.0098	ND
Benzene	0.865	mg/kg	0.00098	ND
Carbon tetrachloride	0.865	mg/kg	0.0020	ND
Chlorobenzene	0.865	mg/kg	0.0020	ND
Chloroform	0.865	mg/kg	0.0020	ND
cis-1,2-Dichloroethane	0.865	mg/kg	0.0020	ND
Ethylbenzene	0.865	mg/kg	0.00098	ND
Isopropylbenzene	0.865	mg/kg	0.00098	ND
m&p-Xylenes	0.865	mg/kg	0.00098	ND
Methylene chloride	0.865	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.865	mg/kg	0.00098	ND
Naphthalene	0.865	mg/kg	0.00098	ND
n-Butylbenzene	0.865	mg/kg	0.00098	ND
n-Propylbenzene	0.865	mg/kg	0.00098	ND
o-Xylene	0.865	mg/kg	0.00098	ND
sec-Butylbenzene	0.865	mg/kg	0.00098	ND
t-Butylbenzene	0.865	mg/kg	0.00098	ND
Tetrachloroethene	0.865	mg/kg	0.0020	0.0028
Toluene	0.865	mg/kg	0.00098	ND
trans-1,2-Dichloroethene	0.865	mg/kg	0.0020	ND
Trichloroethene	0.865	mg/kg	0.0020	ND
Vinyl chloride	0.865	mg/kg	0.0020	ND
Xylenes (Total)	0.865	mg/kg	0.00098	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.65	30	68	122	89	
Dibromofluoromethane	33.78	30	63	140	113	
Bromofluorobenzene	31.07	30	64	129	104	
1,2-Dichloroethane-d4	27.40	30	63	143	91	

Sample ID: B2 1.5
 Lab#: AD04552-002
 Matrix: Soil

Collection Date: 6/4/2018
 Receipt Date: 6/4/2018

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	0.98	mg/kg	0.0023	ND		
1,1-Dichloroethane	0.98	mg/kg	0.0023	ND		
1,1-Dichloroethene	0.98	mg/kg	0.0023	ND		
1,2,4-Trimethylbenzene	0.98	mg/kg	0.0012	ND		
1,2-Dichlorobenzene	0.98	mg/kg	0.0023	ND		
1,2-Dichloroethane	0.98	mg/kg	0.0023	ND		
1,3,5-Trimethylbenzene	0.98	mg/kg	0.0012	ND		
1,3-Dichlorobenzene	0.98	mg/kg	0.0023	ND		
1,4-Dichlorobenzene	0.98	mg/kg	0.0023	ND		
1,4-Dioxane	0.98	mg/kg	0.12	ND		
2-Butanone	0.98	mg/kg	0.0023	ND		
4-Isopropyltoluene	0.98	mg/kg	0.0012	ND		
Acetone	0.98	mg/kg	0.012	ND		
Benzene	0.98	mg/kg	0.0012	ND		
Carbon tetrachloride	0.98	mg/kg	0.0023	ND		
Chlorobenzene	0.98	mg/kg	0.0023	ND		
Chloroform	0.98	mg/kg	0.0023	ND		
cis-1,2-Dichloroethene	0.98	mg/kg	0.0023	ND		
Ethylbenzene	0.98	mg/kg	0.0012	ND		
Isopropylbenzene	0.98	mg/kg	0.0012	ND		
m&p-Xylenes	0.98	mg/kg	0.0012	ND		
Methylene chloride	0.98	mg/kg	0.0023	ND		
Methyl-t-butyl ether	0.98	mg/kg	0.0012	ND		
Naphthalene	0.98	mg/kg	0.0012	ND		
n-Butylbenzene	0.98	mg/kg	0.0012	ND		
n-Propylbenzene	0.98	mg/kg	0.0012	ND		
o-Xylene	0.98	mg/kg	0.0012	ND		
sec-Butylbenzene	0.98	mg/kg	0.0012	ND		
t-Butylbenzene	0.98	mg/kg	0.0012	ND		
Tetrachloroethene	0.98	mg/kg	0.0023	0.0086		
Toluene	0.98	mg/kg	0.0012	ND		
trans-1,2-Dichloroethene	0.98	mg/kg	0.0023	ND		
Trichloroethene	0.98	mg/kg	0.0023	ND		
Vinyl chloride	0.98	mg/kg	0.0023	ND		
Xylenes (Total)	0.98	mg/kg	0.0012	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.31	30	68	122	91	
Dibromofluoromethane	33.81	30	63	140	113	
Bromofluorobenzene	28.34	30	64	129	94	
1,2-Dichloroethane-d4	29.92	30	63	143	100	

Sample ID: B3 1.5
 Lab#: AD04552-003
 Matrix: Soil

Collection Date: 6/4/2018
 Receipt Date: 6/4/2018

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		82

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	0.904	mg/kg	0.0022	ND		
1,1-Dichloroethane	0.904	mg/kg	0.0022	ND		
1,1-Dichloroethene	0.904	mg/kg	0.0022	ND		
1,2,4-Trimethylbenzene	0.904	mg/kg	0.0011	ND		
1,2-Dichlorobenzene	0.904	mg/kg	0.0022	ND		
1,2-Dichloroethane	0.904	mg/kg	0.0022	ND		
1,3,5-Trimethylbenzene	0.904	mg/kg	0.0011	ND		
1,3-Dichlorobenzene	0.904	mg/kg	0.0022	ND		
1,4-Dichlorobenzene	0.904	mg/kg	0.0022	ND		
1,4-Dioxane	0.904	mg/kg	0.11	ND		
2-Butanone	0.904	mg/kg	0.0022	ND		
4-Isopropyltoluene	0.904	mg/kg	0.0011	ND		
Acetone	0.904	mg/kg	0.011	ND		
Benzene	0.904	mg/kg	0.0011	ND		
Carbon tetrachloride	0.904	mg/kg	0.0022	ND		
Chlorobenzene	0.904	mg/kg	0.0022	ND		
Chloroform	0.904	mg/kg	0.0022	ND		
cis-1,2-Dichloroethene	0.904	mg/kg	0.0022	ND		
Ethylbenzene	0.904	mg/kg	0.0011	ND		
Isopropylbenzene	0.904	mg/kg	0.0011	ND		
m&p-Xylenes	0.904	mg/kg	0.0011	ND		
Methylene chloride	0.904	mg/kg	0.0022	ND		
Methyl-t-butyl ether	0.904	mg/kg	0.0011	ND		
Naphthalene	0.904	mg/kg	0.0011	ND		
n-Butylbenzene	0.904	mg/kg	0.0011	ND		
n-Propylbenzene	0.904	mg/kg	0.0011	ND		
o-Xylene	0.904	mg/kg	0.0011	ND		
sec-Butylbenzene	0.904	mg/kg	0.0011	ND		
t-Butylbenzene	0.904	mg/kg	0.0011	ND		
Tetrachloroethene	0.904	mg/kg	0.0022	0.036		
Toluene	0.904	mg/kg	0.0011	ND		
trans-1,2-Dichloroethene	0.904	mg/kg	0.0022	ND		
Trichloroethene	0.904	mg/kg	0.0022	ND		
Vinyl chloride	0.904	mg/kg	0.0022	ND		
Xylenes (Total)	0.904	mg/kg	0.0011	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.56	30	68	122	89	
Dibromofluoromethane	32.13	30	63	140	107	
Bromofluorobenzene	30.77	30	64	129	103	
1,2-Dichloroethane-d4	31.03	30	63	143	103	

Sample ID: B3GW
 Lab#: AD04552-004
 Matrix: Aqueous

Collection Date: 6/4/2018
 Receipt Date: 6/4/2018

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	100	ug/l	100	ND		
1,1-Dichloroethane	100	ug/l	100	ND		
1,1-Dichloroethene	100	ug/l	100	ND		
1,2,4-Trimethylbenzene	100	ug/l	100	ND		
1,2-Dichlorobenzene	100	ug/l	100	ND		
1,2-Dichloroethane	100	ug/l	50	ND		
1,3,5-Trimethylbenzene	100	ug/l	100	ND		
1,3-Dichlorobenzene	100	ug/l	100	ND		
1,4-Dichlorobenzene	100	ug/l	100	ND		
1,4-Dioxane	100	ug/l	5000	ND		
2-Butanone	100	ug/l	100	ND		
4-Isopropyltoluene	100	ug/l	100	ND		
Acetone	100	ug/l	500	ND		
Benzene	100	ug/l	50	ND		
Carbon tetrachloride	100	ug/l	100	ND		
Chlorobenzene	100	ug/l	100	ND		
Chloroform	100	ug/l	100	ND		
cis-1,2-Dichloroethene	100	ug/l	100	180		
Ethylbenzene	100	ug/l	100	ND		
Isopropylbenzene	100	ug/l	100	ND		
m&p-Xylenes	100	ug/l	100	ND		
Methylene chloride	100	ug/l	100	ND		
Methyl-t-butyl ether	100	ug/l	50	ND		
Naphthalene	100	ug/l	100	ND		
n-Butylbenzene	100	ug/l	100	ND		
n-Propylbenzene	100	ug/l	100	ND		
o-Xylene	100	ug/l	100	ND		
sec-Butylbenzene	100	ug/l	100	ND		
t-Butylbenzene	100	ug/l	100	ND		
Tetrachloroethene	100	ug/l	100	39000		
Toluene	100	ug/l	100	ND		
trans-1,2-Dichloroethene	100	ug/l	100	ND		
Trichloroethene	100	ug/l	100	100		
Vinyl chloride	100	ug/l	100	ND		
Xylenes (Total)	100	ug/l	100	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.35	30	79	111	91	
Dibromofluoromethane	28.86	30	73	131	96	
Bromofluorobenzene	32.50	30	82	112	108	
1,2-Dichloroethane-d4	27.19	30	78	128	91	

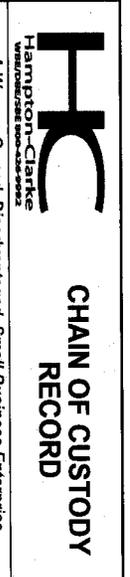
Sample ID: SUMP
 Lab#: AD04552-005
 Matrix: Aqueous

Collection Date: 6/4/2018
 Receipt Date: 6/4/2018

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethene	1	ug/l	1.0	ND		
1,2,4-Trimethylbenzene	1	ug/l	1.0	4.4		
1,2-Dichlorobenzene	1	ug/l	1.0	ND		
1,2-Dichloroethane	1	ug/l	0.50	ND		
1,3,5-Trimethylbenzene	1	ug/l	1.0	1.1		
1,3-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dioxane	1	ug/l	50	ND		
2-Butanone	1	ug/l	1.0	ND		
4-Isopropyltoluene	1	ug/l	1.0	ND		
Acetone	1	ug/l	5.0	ND		
Benzene	1	ug/l	0.50	ND		
Carbon tetrachloride	1	ug/l	1.0	ND		
Chlorobenzene	1	ug/l	1.0	ND		
Chloroform	1	ug/l	1.0	ND		
cis-1,2-Dichloroethene	1	ug/l	1.0	7.8		
Ethylbenzene	1	ug/l	1.0	ND		
Isopropylbenzene	1	ug/l	1.0	ND		
m&p-Xylenes	1	ug/l	1.0	ND		
Methylene chloride	1	ug/l	1.0	ND		
Methyl-t-butyl ether	1	ug/l	0.50	ND		
Naphthalene	1	ug/l	1.0	3.3		
n-Butylbenzene	1	ug/l	1.0	ND		
n-Propylbenzene	1	ug/l	1.0	ND		
o-Xylene	1	ug/l	1.0	ND		
sec-Butylbenzene	1	ug/l	1.0	ND		
t-Butylbenzene	1	ug/l	1.0	ND		
Tetrachloroethene	1	ug/l	1.0	46		
Toluene	1	ug/l	1.0	ND		
trans-1,2-Dichloroethene	1	ug/l	1.0	ND		
Trichloroethene	1	ug/l	1.0	1.7		
Vinyl chloride	1	ug/l	1.0	ND		
Xylenes (Total)	1	ug/l	1.0	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.69	30	79	111	96	
Dibromofluoromethane	30.87	30	73	131	103	
Bromofluorobenzene	29.81	30	82	112	99	
1,2-Dichloroethane-d4	31.71	30	78	128	106	

Hampton-Clarke, Inc. (WBE/DBE/SBE)
 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
 Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
 Ph (Service Center): 856-780-6057 Fax: 856-780-6056
 PA (Service Center): 856-780-6057 Fax: 856-780-6056
 NELAC/NU #07071 | PA #88-00463 | NY #1408 | CT #PH-0671 | KY #90124 | DE HSCA Approved



Project # (Lab Use Only) **2066402** Page **1** of **1**
3) Reporting Requirements (Please Circle)
 Turnaround: Expedited TAT Not Always Available. Please Check with Lab.
 When Available:
 1 Business Day (100%)*
 2 Business Days (75%)*
 3 Business Days (50%)*
 4 Business Days (35%)*
 5 Business Days (25%)*
 8 Business Days (Stand)
 Other: _____

Customer Information
 1a) Customer: **588 Norcross Ave**
 Address: **145th Ave Apt 4 N J 07034**
 1b) Email/Cell/Fax/Ph: **Franky@proptalk.com**
 1c) Send Invoice to: **Franky@proptalk.com**
 1d) Send Report to: **Franky@proptalk.com**

Project Information
 2a) Project: **000 DUGIE AVE**
 2b) Project Mgr: **Franky@proptalk.com**
 2c) Project Location (City/State): **Franky@proptalk.com**
 2d) Quoter/O # (If Applicable): _____

Report Type
 Summary Results + QC (Waste)
 Reduced: NJ NY
 PA Other _____
 NJ Full / NY ASP CatB
 NY ASP CatA
 Other: **Region 2 or 5**
 * Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY Check if Contingent

Batch #	Matrix Codes	Sample Type		7) Analysis (specify methods & parameter lists)	8) # of Bottles						9) Comments		
		Composite (C)	Grab (G)		None	MeOH	En Core	NaOH	HCl	H2SO4		HNO3	
AD 04552	DW - Drinking Water GW - Ground Water WW - Waste Water OT - Other (please specify under item 9, Comments)	S - Soil SL - Sludge OL - Oil	A - Air										

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample		7) Analysis (specify methods & parameter lists)	8) # of Bottles						9) Comments	
			Date	Time		None	MeOH	En Core	NaOH	HCl	H2SO4		HNO3
-001	B1 L.S	soil	11/18/08	10:00									
-002	B2 L.S	soil	11/18/08	11:00									
-003	B3 L.S	soil	11/18/08	11:00									
-004	B3G.W	GW	11/18/08	11:00									
-005	SUMP	WW	11/18/08	12:00									

10) Refinanced by: _____ Accepted by: _____ Date: **6/4/08** Time: **172**

11) Sampler (print name): **Franco Gaudun** Date: **6/4/08**

Additional Notes: **POSSIBLE HIGH PCE LEVEL IN B3G.W**

Internal use: sampling plan (check box) HC or client FSP# _____

Cooler Temperature: **4.0**

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

BN or BNA (8270D SIM) NUDEP GWQS

VOC (8260C SIM or 8011) NUDEP SRS

SPLP (BN, BNA, Metals) NUDEP SPLP

1,4 Dioxane Other (specify): _____

Check if applicable:

Project-Specific Reporting Limits

High Contaminant Concentrations

NJ LSRP Project (also check boxes above/right)

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Attachment 3: Site Photographs



Photograph 1: Location of B1 at the south end of the former dry cleaner space (patched area in floor)



Photograph 2: Locations of B2 and B3. B3 was installed at far end of room. Tank vault at left. Dry cleaning machine support columns shown



Photograph 1: Sump pit in the basement boiler room.