Exhibit B

3. Subsurface Investigation Report

Prepared by HydroEnvironmental Solutions

March 2020

SUBSURFACE INVESTIGATION REPORT

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

PREPARED FOR:

MR. KEVIN LEAHEY
THE RENATUS GROUP
271 MADISON AVENUE, 18TH FLOOR
NEW YORK, NEW YORK 10016

PREPARED BY:

HYDROENVIRONMENTAL SOLUTIONS, INC.
ENVIRONMENTAL CONSULTANTS
ONE DEANS BRIDGE ROAD
SOMERS, NEW YORK 10589
(914) 276-2560
mscott@hesny.com

March 3, 2020

Michael J. Scott
Geologist/Hydrogeologist

William A. Canavan, PG, LSRP
President

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589

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INTRODUCTION

HydroEnvironmental Solutions, Inc. (HES), on behalf Mr. Kevin Leahey, of The Renatus Group, has completed a Subsurface Investigation (SI) at the property located at 130 Midland Avenue in Port Chester, New York. The SI included the installation of twelve (12) soil borings, six (6) monitoring wells and eight (8) soil vapor points throughout the property. The SI field work was completed from January 27, 2020 through February 19, 2020. The site location is shown on **Figure 1** and photographs taken during field activities are included on **Figure 2**.

The site activities completed by HES included test boring installation, monitoring well installation, soil vapor point installation, field screening soil samples for the presence of petroleum vapors with a photoionization detector (PID), and collection of representative soil, groundwater and soil vapor samples for laboratory analysis. The field activities and results are presented below.

SITE BACKGROUND

In May 2019, PM Environmental, Incorporated (PM) completed a Phase II Environmental Site Assessment (ESA) at the subject property. The Phase II investigation consisted of a total of twelve (12) soil borings, nine (9) temporary monitor wells and two (2) soil gas sampling points.

The results of the Phase II indicated that the soil, groundwater and soil gas at the subject property were impacted. Soils exceed New York State Department of Environmental Conservation (NYSDEC) Restricted Use Soil Clean-Up Objectives – Commercial (RU(C)-SCOs) in boring locations SB/TMW-4, SB-6, SB-11, SB/TMW-12. Groundwater samples exceeded NYSDEC Ambient Water Quality Standards (AWQS) in accordance with the Technical and Operational Guidance Series (TOGS) 1.1.1. in monitor well locations SB/TMW-2, SB/TMW-4, SB/TMW-5, SB/TMW-8 and SB/TMW-12. Soil vapor samples collected from below the building slab exceeded United States Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISLs) at both of the soil gas point locations; SSGS-1 and SSGS-2.

Based on the findings presented in the Phase II completed by PM, an additional environmental investigation has been recommended. HES completed the following work to further assess the extent of soil, groundwater and soil vapor impacts at the property.

HYDROGEOLOGIC SETTING

The subject site consists of a relatively flat parcel. The site and surrounding area slopes to the east, gently away from the property towards Captain Harbor, which is located

approximately 2,900 feet to the east of the site. The groundwater flow direction was not calculated as part of this SI, although groundwater flow likely mimics topography and flows to the east towards the Captain Harbor.

The unconsolidated material beneath the site is composed of fill which consists of silt, gravel and sand, with varying amounts of slag, coal, brick and concrete. A layer of silt, sand and clay with varying amounts of peat was encountered below the unconsolidated fill at approximately 8 to 10 feet below grade (ftbg). According to the Surficial Geologic Map of New York, the native material beneath the site consists of a glacial till, variable in texture, usually poorly sorted diamict of variable clasts (Cadwell, 1986). According to the Geologic Map of New York, the bedrock beneath the site is the Harrison Gneiss, consisting of biotite-hornblende-quartz-plagioclase gneiss with accessory garnet and sphene; plagioclase commonly occurs as augen (Fisher, 1970).

FIELD ACTIVITIES

Test Boring Installation and Soil Sampling

Between January 28th and January 31st, 2020, HES installed twelve (12) test borings across the site. The test borings were designated GB-1 through GB-12 and installed using a Geoprobe® 54DT and the direct push drilling method and Manual Geoprobe® equipment. The approximate test boring and soil sampling locations are identified on **Figure 3** and their respective Geologic Logs are included in **Appendix 1**.

During the installation of GB-1 through GB-11, soil samples were collected continuously in 4-foot increments at each test boring location using a 2.25-inch carbon steel macro-core sampler and logged in the field by the on-site hydrogeologist. At each boring location, the HES hydrogeologist recorded and documented subsurface conditions. Volatile organic vapor analysis was performed on soil samples collected in the field using a calibrated MiniRAE® 3000 PID and the headspace method. The results of soil field screening are summarized on the Geologic Logs in **Appendix 1**. Bedrock was not encountered at any of the boring locations at depths ranging from approximately 5 ftbg to 15 ftbg. Groundwater was observed at all boring locations at approximately 6 ftbg.

Soil samples were collected from the test boring locations and placed in appropriately labeled sample jars and transported on ice to York Analytical Laboratories, Inc. (York); a New York State Certified Laboratory located in Stratford, Connecticut, where they were analyzed for the presence of volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Polychlorinated biphenyls (PCBs), Herbicides, Pesticides, TAL Metals, 1,4-Dioxane and

Per- and Polyfluoroalkyl substances (PFAS). The test boring locations are shown on **Figure 3**, a site plan of the subject site and soil sampling laboratory analytical results from the test borings are summarized on **Table 1** and the laboratory analytical report is included in **Appendix 2**.

Monitor Well Installation and Groundwater Sampling

On January 28th and 29th, 2020, SoilTesting, Inc. of Oxford, Connecticut, under direct supervision of HES, installed six (6) groundwater monitoring wells using a truck-mounted Diedrich D-120 drill rig and the hollow stem auger (HAS) drilling method. The installed monitor wells were designated MW-1 through MW-6 and their approximate locations are identified on **Figure 4**. The wells were constructed of 2-inch schedule 40 PVC with 20-slot well screen and solid casing. Filter sand and a bentonite seal were placed in the annular space surrounding the wells. The wells were allowed time to equilibrate prior to purging and sampling activities.

Additionally, undisturbed sediment samples were collected continuously in 2-foot increments using a 2.25-inch carbon steel split-spoon sampler. Completion depths ranged from 12 ftbg to 29 ftbg. The soil samples were collected and screened using a calibrated MiniRae® 3000 PID and the headspace method. PID field screening results are included on the Geologic Logs for the MW-1 through MW-6 which are attached as **Appendix 1**.

Soil samples were collected from MW-1, MW-3, MW-4, MW-5 and MW-6 locations. Each of the samples collected were placed in appropriately labeled glassware and transported on ice to York where they were analyzed for the presence of VOCs via EPA Method 8260, SVOCs via EPA Method 8270, PCBs, Herbicides, Pesticides, TAL Metals, 1,4-Dioxane and PFAS. Soil sampling laboratory analytical results from the monitor well installations are summarized on **Table 1** and the laboratory analytical report is included in **Appendix 2**.

On February 13th, 14th and 19th, 2020, groundwater samples were collected from the monitoring wells. Prior to sample collection, depth to water (DTW) measurements were collected using an electronic interface probe. Following DTW measurements, groundwater was evacuated using a bladder pump. The pump was decontaminated between sampling well locations using an Alconox® solution. The groundwater samples, designated MW-1 through MW-6, were collected in appropriately labeled glassware in accordance with industry accepted protocols. The samples were transported on ice to York and were analyzed for VOCs via EPA method 8260 and SVOCs via EPA method 8270, 1,4-Dioxane and PFAS. The groundwater sampling laboratory analytical results from the test borings are summarized on **Table 2** and the laboratory analytical report is included in **Appendix 3**.

Soil Vapor Point Installation and Soil Vapor Sampling

Eight (8) soil vapor monitoring points were installed using a hammer drill in accordance with New York State Department of Health (NYSDOH) Soil Vapor Sampling Procedures. The monitoring points were constructed of 6-inch and 12-inch stainless-steel screen and polyethylene tubing. Each screen was set to a depth of 6 to 18-inches below the surface and No. 2 filter sand was used to fill the annular space surrounding the screen. A bentonite seal was then placed above the filter sand layer and concrete was used to complete the seal flush with the surface. Sub-slab soil vapor sampling for the site involved collecting soil vapor samples from below the buildings slab using 6-inch stainless steel screen vapor monitoring implants. The interior vapor monitoring points were designated VP-1 through VP-5. In order to determine if vapor migration was occurring from below the slab, exterior perimeter vapor monitoring points were installed surrounding the exterior of the building's foundation using 12-inch stainless steel vapor monitoring implants. The exterior monitoring points were designated VP-6 through VP-8.

HES performed a tracer gas test according to NYSDOH Guidelines, to confirm the vapor monitoring points were adequately sealed and would collect a sample of the soil vapor from the surrounding formation properly.

On February 4th and 19th, 2020, HES collected soil vapor samples from the soil vapor monitoring points at the Site. Samples were collected in appropriately labeled 6-liter regulated stainless-steel summa canisters over an 8-hour period and transported to York, where they were analyzed for VOCs using US EPA Method TO-15 + Freon analysis. Additionally, indoor and outdoor ambient air samples were collected during the February 4th, 2020 sampling event.

Approximate vapor monitoring points and sampling locations are shown on **Figure 5**. The soil vapor laboratory analytical results are summarized on **Table 3** and the laboratory analytical data is included in **Appendix 4**.

RESULTS

Test Boring and Soil Sampling Results

Significant VOC vapors were detected at a majority of the boring locations during PID field screening activities. The highest PID readings at each test boring ranged from 0.8 parts per million (ppm) to 201 ppm. The results of PID field screening are summarized on the Geologic Logs included in **Appendix 1**.

Soil laboratory analytical results indicate that concentrations of either SVOCs and/or TAL Metals were detected above NYSDEC RU(C)-SCOs; in accordance with Subpart 375-6: Remedial Program Soil Cleanup Objectives for commercial properties in six of the sixteen soil samples as detailed below.

Soil collected from the ground boring location designated GB-1 (4-8) contained concentrations of SVOCs which exceed NYSDEC RU(C)-SCOs and include Benzo(a)anthracene (12.9 mg/kg), Benzo(a)pyrene (10.1 mg/kg), Benzo(b)fluoranthene (8.17 mg/kg) and Dibenzo(a,h)anthracene (2.22 mg/kg).

Soil collected from the ground boring location designated GB-2 (4-8) contained concentrations of the SVOC Benzo(a)pyrene (1.18 ug/kg) which exceeded NYSDEC RU(C)-SCOs.

Soil collected from the ground boring location designated GB-5 (0-4) contained concentrations of the SVOC Benzo(a)pyrene (1.24 ug/kg) which exceeded NYSDEC RU(C)-SCOs.

Soil collected from the ground boring location designated GB-8 (8-12) contained concentrations of the SVOC Benzo(a)pyrene (1.44 ug/kg) which exceeded NYSDEC RU(C)-SCOs.

Soil collected from the ground boring location designated GB-12 (1-4) contained concentrations of the SVOC Benzo(a)pyrene (1.61 ug/kg) as well as Copper (411 ug/kg) which exceeded their respective NYSDEC RU(C)-SCOs.

Soil collected from the ground boring location designated MW-4 (2-7) contained concentrations of SVOCs which exceed NYSDEC RU(C)-SCOs and include Benzo(a)pyrene (2.74 mg/kg), and Dibenzo(a,h)anthracene (0.571 mg/kg).

Furthermore, PFAS compounds were detected in the soil sample locations designated GB-5 and MW-4.

Soil sampling results collected during the SI conducted by HES as well as soil sampling results obtained by PM during the Phase II investigation which exceed NYSDEC RU(C)-SCOs are shown on **Figure 3**. The laboratory analytical results are summarized on **Table 1** and the analytical report is included in **Appendix 2**.

Groundwater Sampling Results

Groundwater collected from the monitoring well at the MW-2 location contained concentrations of VOCs which include Isopropylbenzene (9.43 micrograms per liter (ug/L)), n-Propylbenzene (12.4 ug/L), p- & m- Xylenes (6.06 ug/L) and Total Xylenes (8.4 ug/L) which exceeded their respective NYSDEC AWQS in accordance with the TOGS 1.1.1.

Groundwater collected from the monitoring well at the MW-4 location contained concentrations of SVOCs which include Benzo(a)anthracene (0.0778 ug/L), Benzo(a)pyrene (0.0556 ug/L), Benzo(b)fluoranthene (0.0556 ug/L) and Chrysene (0.0556 ug/L) which exceeded their respective NYSDEC AWQS in accordance with the TOGS 1.1.1.

Groundwater collected from the monitoring well at the MW-4 location contained concentrations of SVOCs which include Benzo(a)anthracene (0.108 ug/L), Benzo(a)pyrene (0.0973 ug/L), Benzo(b)fluoranthene (0.0757 ug/L), Benzo(k)fluoranthene (0.0757 ug/L), Chrysene (0.0856 ug/L) and Indeno(1,2,3-cd)pyrene (0.0541 ug/L) which exceeded their respective NYSDEC AWQS in accordance with the TOGS 1.1.1.

Furthermore, PFAS compounds were detected in each of the six monitor well locations.

Groundwater sampling results collected during the SI conducted by HES which exceed NYSDEC AWQS TOGS 1.1.1 are shown on **Figure 4**. The laboratory analytical results are summarized on **Table 2** and the analytical report is included in **Appendix 3**.

Soil Vapor Sampling Results

Soil vapor collected from below the foundation slab at the VP-1 location contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include cis-1,2-Dichloroethylene (199 ug/m3 (microgram per meter cubed), Dichlorodifluoromethane (62.2 ug/m3), Tetrachloroethylene (7,970.0 ug/m3) and Trichloroethylene (98.9 ug/m3).

Soil vapor collected from below the foundation slab at the location of VP-2 contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include cis-1,2-Dichloroethylene (1.7 ug/m3), Dichlorodifluoromethane (76.9 ug/m3), Tetrachloroethylene (1,190.0 ug/m3) and Trichloroethylene (41.8 ug/m3).

Soil vapor collected from below the foundation slab at the VP-3 location contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include 1,1,1-Trichloroethane (191 ug/m3), Benzene (20 ug/m3), Dichlorodifluoromethane (2,080.0 ug/m3), Tetrachloroethylene (19.0 ug/m3) and Trichlorofluoromethane (Freon 11) (21.3 ug/m3).

Soil vapor collected from below the foundation slab at the location of VP-4 contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include 1,1,1-Trichloroethane (17.0 ug/m3), Chloroform (14.3 ug/m3), Dichlorodifluoromethane (790.0 ug/m3), Tetrachloroethylene (11.9 ug/m3) and Trichlorofluoromethane (Freon 11) (167.0 ug/m3).

Soil vapor collected from below the foundation slab at the VP-5 location contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include 1,1,1-Trichloroethane (33.7 ug/m3), 4-Methyl-2-pentanone (2.3 ug/m3), Benzene (70.6 ug/m3), Chloroethane (1.49 ug/m3), Chloroform (1.79 ug/m3), Dichlorodifluoromethane (54.5 ug/m3), Methyl Methacrylate (2.18 ug/m3), Tetrachloroethylene (5.76 ug/m3) and Trichlorofluoromethane (Freon 11) (74.9 ug/m3).

Soil vapor collected from outside of the foundation slab at the location of VP-6 contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include 4-Methyl-2-pentanone (3.47 ug/m3), Acetone (160 ug/m3), Methyl Methacrylate (14.4 ug/m3) and Tetrahydrofuran (1.12 ug/m3).

Soil vapor collected from outside of the foundation slab at the location of VP-7 contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include 1,1,1-Trichloroethane (9.94 ug/m3), Acetone (1,430 ug/m3), Cyclohexane (17.6 ug/m3), n-Hexane (18.6 ug/m3), Tetrachloroethylene (17.3 ug/m3) and Trichloroethylene (3.92 ug/m3).

Soil vapor collected from outside of the foundation slab at the VP-8 location contained concentrations of multiple VOCs which were detected above their respective NYSDOH – Indoor Air – Upper Fence levels. VOCs detected which exceed upper fence levels include Acetone (193 ug/m3), Methyl Methacrylate (2.56 ug/m3) and Tetrahydrofuran (2.67 ug/m3).

An indoor ambient air sample was collected inside of the dry cleaner facility. Results from the indoor ambient air sampling show that multiple VOCs were detected above their respective NYSDOH – Indoor Air – Upper Fence levels which include Methyl Methacrylate (3.72 ug/m3), Tetrachloroethylene (295 ug/m3) and Trichloroethylene (0.995 ug/m3).

Soil vapor sampling results collected during the SI conducted by HES as well as soil vapor sampling results obtained by PM during the Phase II investigation which exceed NYSDOH Upper Fence Levels are shown on **Figure 5**. The laboratory analytical results are summarized on **Table 3** and the analytical report is included in **Appendix 4**.

CONCLUSIONS

Soil screening and the laboratory analyses of soil, groundwater and soil vapor completed during SI activities at the subject site indicate that impacts to the soil, groundwater and soil vapor beneath the site are present. It is likely that these impacts relate to historic activities at the property, including the operation at the site of a historical dry-cleaning facility and historic importation of fill. These findings support the conclusions and recommendations of the Phase II ESA Report provided by PM. A copy of the Phase II ESA report is attached in **Appendix 5**.

- Based on PID field screening and laboratory analytical results from the SI and collected data from the Phase II Report, widespread impacts to the site remain in the unconsolidated fill material due to historic site use. Several SVOCs which exceed NYSDEC RU(C)-SCOs were detected across the site and include Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and Dibenzo(a,h)anthracene. Additionally, copper was also detected above NYSDEC RU(C)-SCOs. No VOCs, PCBs, Herbicides, Pesticides, or 1,4-Dioxane were detected above NYSDEC- RU(C)-SCOs in any of the soil samples collected for laboratory analysis.

- Multiple VOCs and SVOCs were detected above NYSDEC-AWQS in several of the groundwater samples collected for laboratory analysis.

- Soil vapor data indicates widespread impacts to the soil vapor beneath the building's foundation slab and outside the building's footprint exist beneath the site. Historic operations at the site consisted of a grocery store and dry-cleaning facility. Freon 11 and Freon 12 exist in soil vapor beneath the former grocery store slab.

Additionally, concentrations of Tetrachloroethylene (PCE) and Trichloroethylene (TCE) exist in soil vapor beneath the entire building slab as well as outside of the building footprint.

FIGURES

Figure 1

Site Location Map

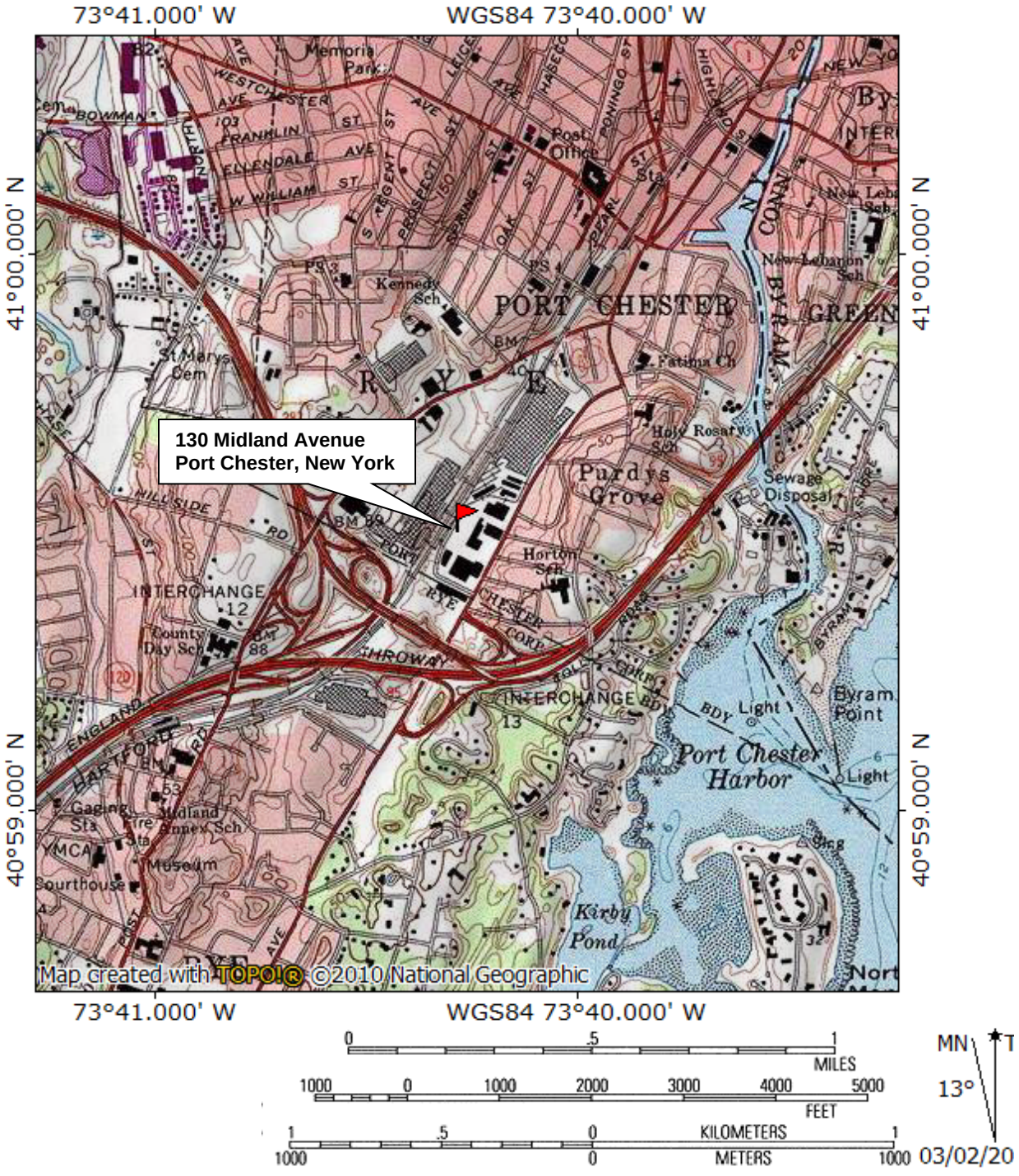


FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of Geoprobe® 54DT at GB-5

Photograph of soil boring installation activities at GB-6

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of GB-8 soil boring being installed on site

Photograph of soil boring GB-10 being installed

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of visible nuts and bolts found in a macro sampler core during soil boring activities, GB-10

Photograph of Monitor Well MW-1 being installed on-site

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of Monitor Well MW- 4 being installed using a hallow-stem auger

Photograph of soil boring GB-12 being installed by hammering through the interior slab

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of soil vapor testing on-site (vapor tightness testing)

Photograph of a manhole installed for vapor point VP-8

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

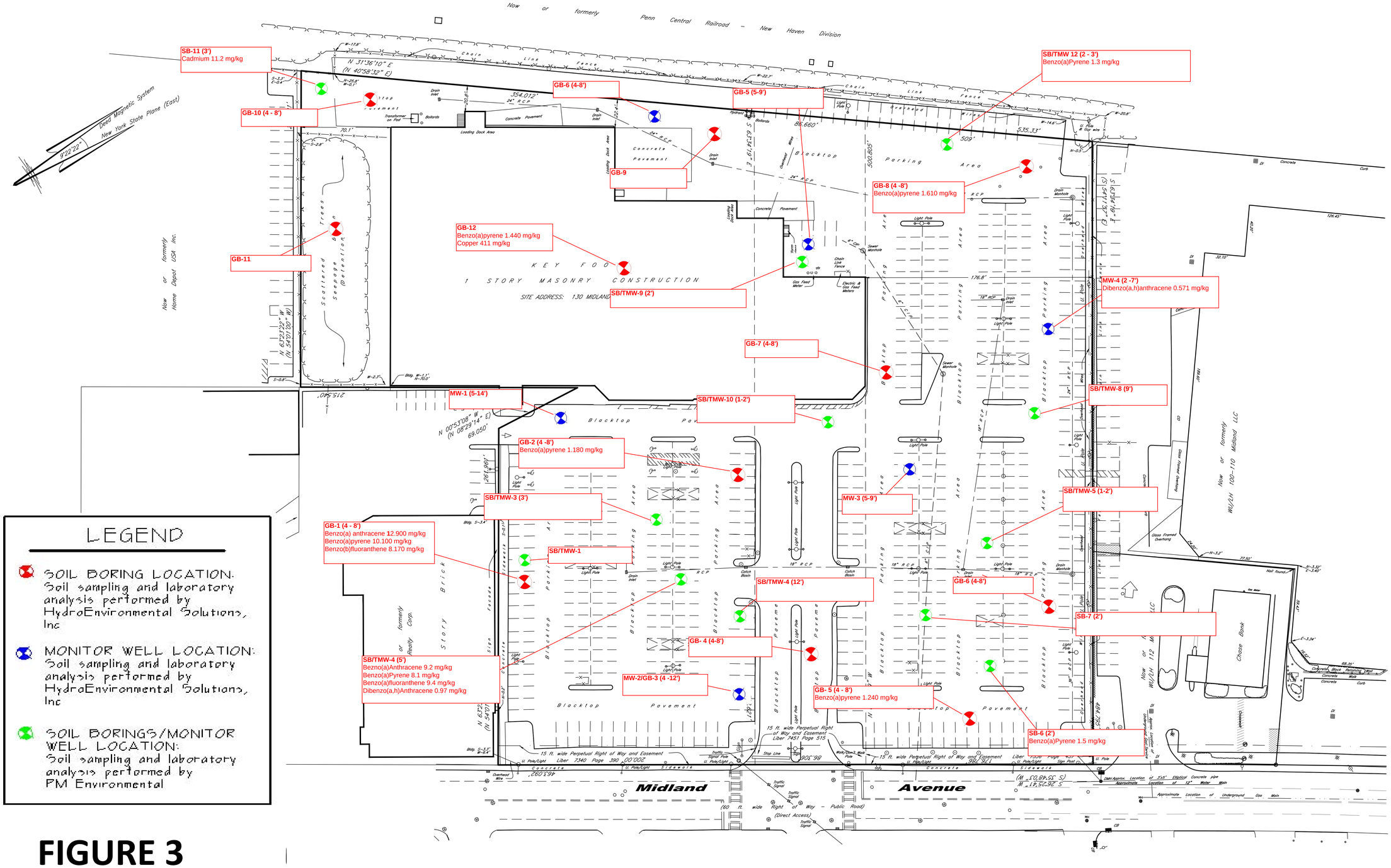
FIGURE 2 – PHOTO LOG

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

Photograph of monitor well development and low-flow sampling activities

Photograph of development and low flow sampling of a monitoring well on site

Photographs taken during Subsurface Investigation field activities in January and February 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589



LEGEND

- SOIL BORING LOCATION: Soil sampling and laboratory analysis performed by HydroEnvironmental Solutions, Inc
- MONITOR WELL LOCATION: Soil sampling and laboratory analysis performed by HydroEnvironmental Solutions, Inc
- SOIL BORINGS/MONITOR WELL LOCATION: Soil sampling and laboratory analysis performed by PM Environmental

FIGURE 3

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN ADAPTED FROM VACCARO TRUST, OLVAC LLC SURVEY OCT. 20, 2018

FEBRUARY 2020

SITE PLAN SHOWING SOIL EXCEEDANCES FROM NYSDEC PART 375 COMMERCIAL STANDARDS

HydroEnvironmental SOLUTIONS, INC.
One Downs Bridge Road
Scarsdale, New York 10583

Job # 53739 File # LDD 53739\dwg\53739.dwg

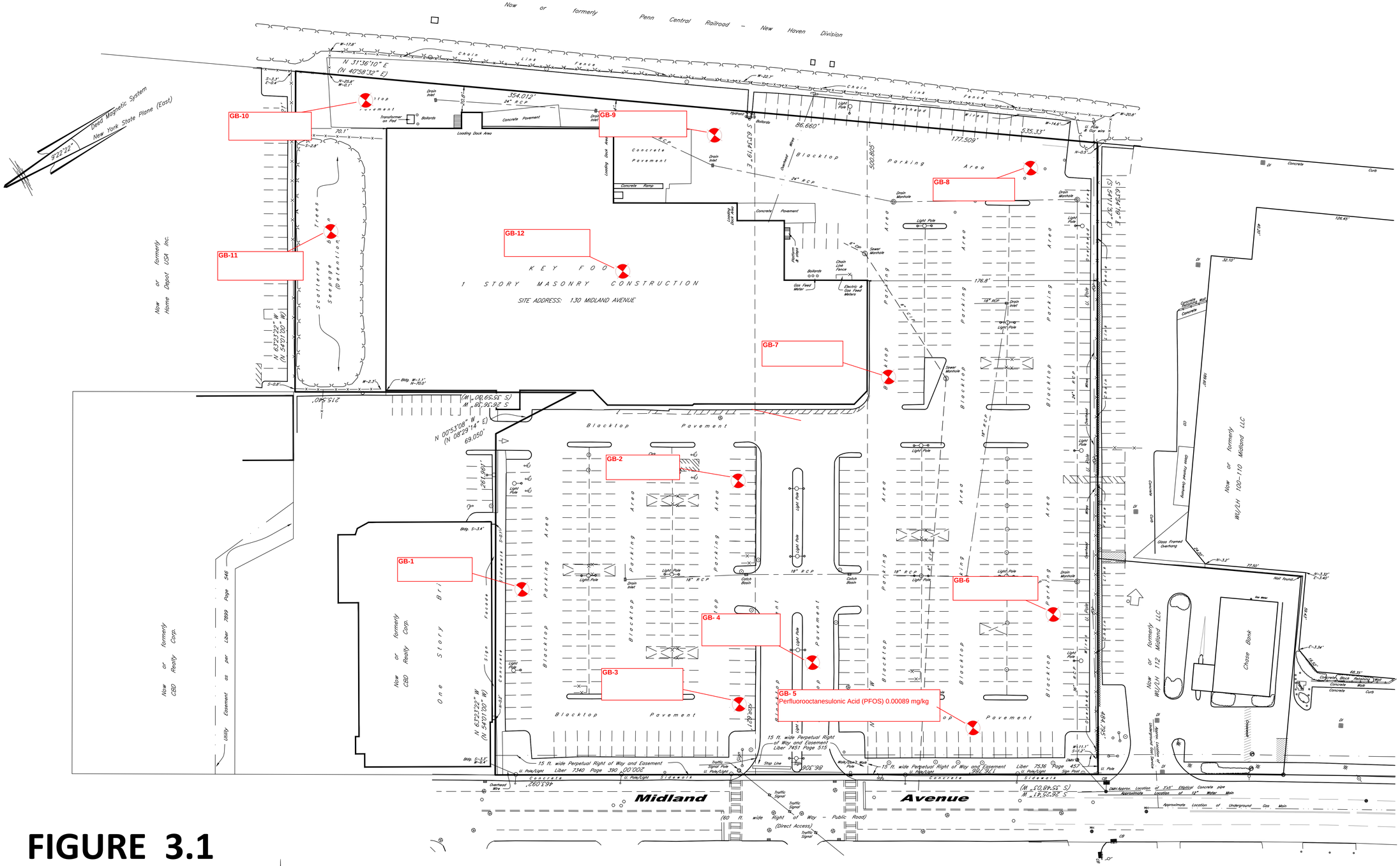


FIGURE 3.1

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

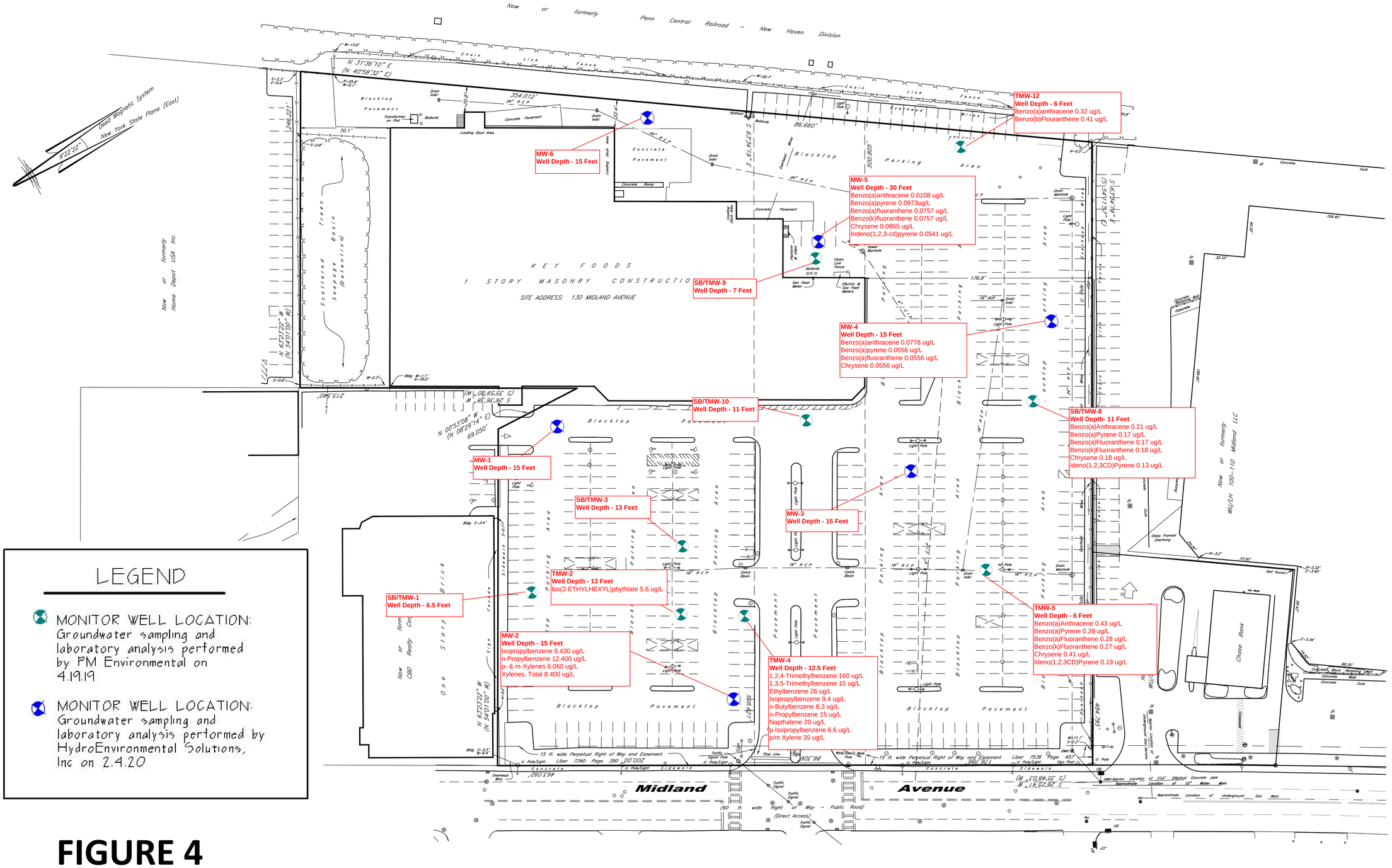
GENERALIZED SITE PLAN ADAPTED FROM VACCARO TRUST, OLVAC LLC SURVEY OCT. 20, 2018

FEBRUARY 2020

SITE PLAN SHOWING SOIL PFAS DETECTIONS

HydroEnvironmental SOLUTIONS, INC.
One Dennis Bridge Road
Sussex, New York 10768

Job # 53739 File # LDD 53739\dwg\53739.dwg



Deed Magnetic System
New York State Plane (East)
9.22°22"

LEGEND

- MONITOR WELL LOCATION: Groundwater sampling and laboratory analysis performed by PM Environmental on 4.19.19
- MONITOR WELL LOCATION: Groundwater sampling and laboratory analysis performed by HydroEnvironmental Solutions, Inc on 2.4.20

FIGURE 4

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN ADAPTED FROM VACCARO TRUST, OLVAC LLC SURVEY OCT. 20, 2018

FEBRUARY 2020

SITE PLAN SHOWING MONITOR WELL EXCEEDANCES

HydroEnvironmental SOLUTIONS, INC.
One Dennis Bridge Road
Scarsdale, New York 10583

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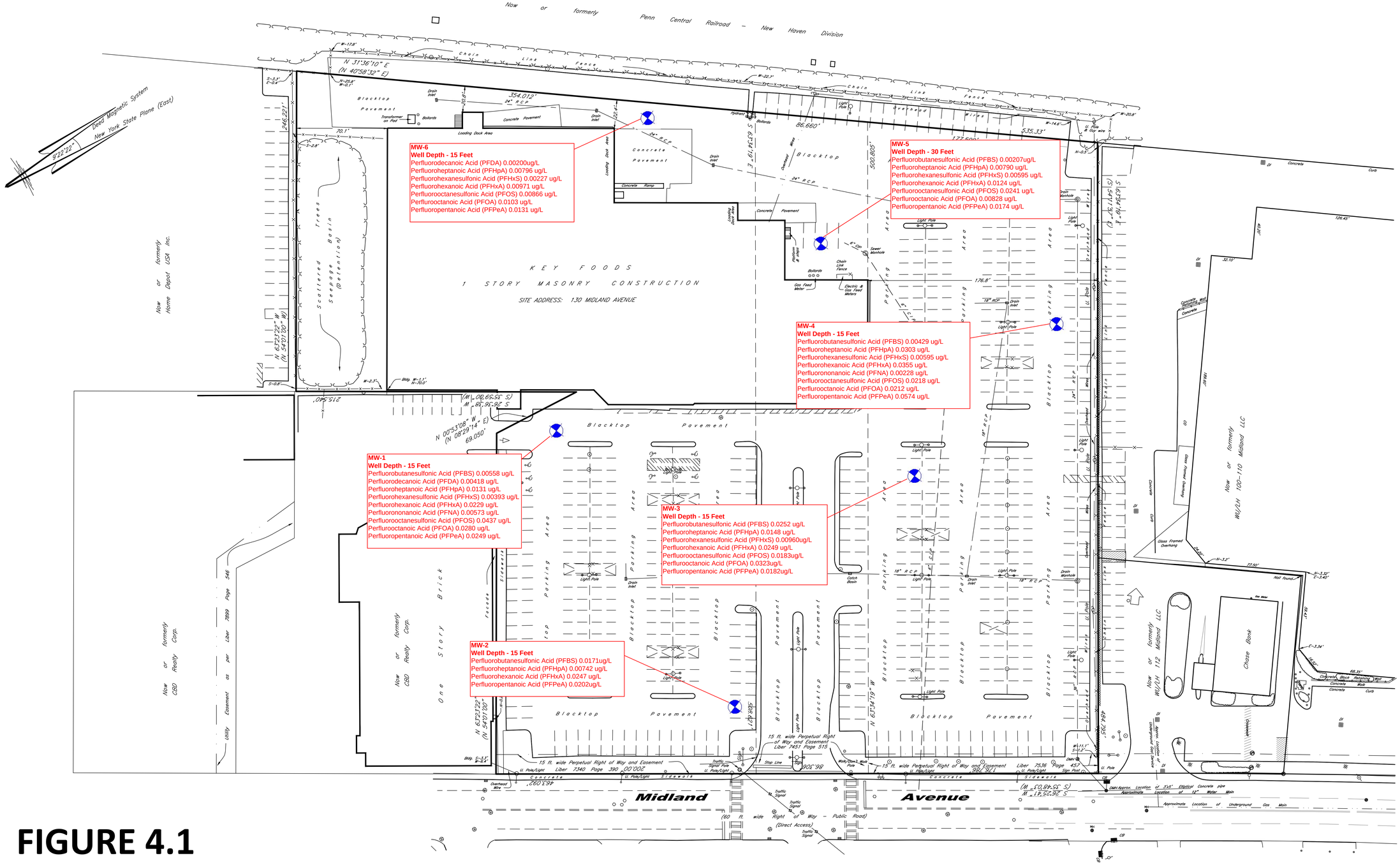


FIGURE 4.1

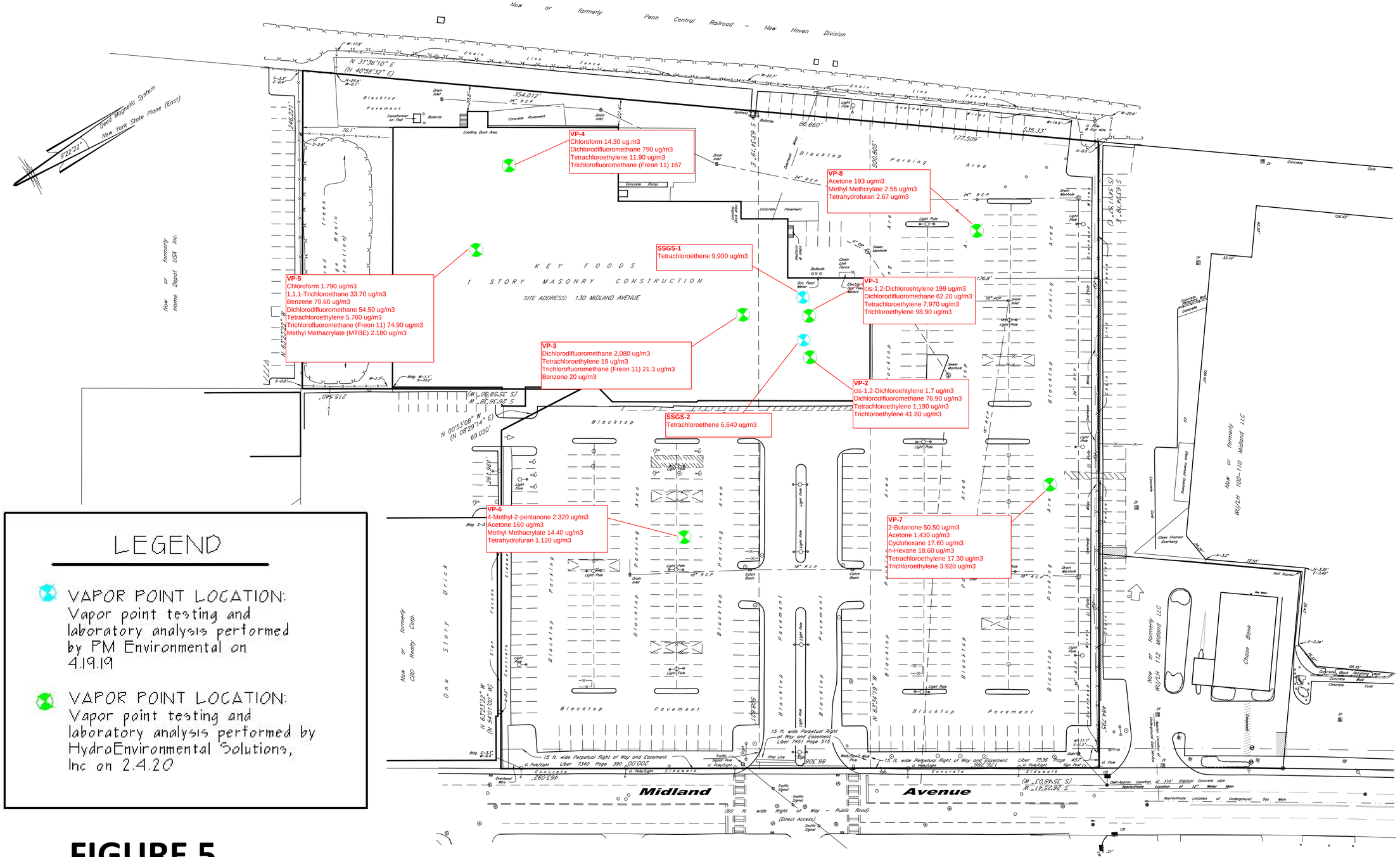
130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN ADAPTED FROM VACCARO TRUST, OLVAC LLC SURVEY OCT. 20, 2018

FEBRUARY 2020

SITE PLAN SHOWING MONITORING WELL GROUNDWATER PFAS DETECTIONS

HydroEnvironmental SOLUTIONS, INC.
One Dennis Bridge Road
Sussex, New York 10768



LEGEND

- VAPOR POINT LOCATION: Vapor point testing and laboratory analysis performed by PM Environmental on 4.19.19
- VAPOR POINT LOCATION: Vapor point testing and laboratory analysis performed by HydroEnvironmental Solutions, Inc on 2.4.20

FIGURE 5

130 MIDLAND AVENUE
PORT CHESTER, NEW YORK

GENERALIZED SITE PLAN ADAPTED FROM VACCARO TRUST, OLVAC LLC SURVEY OCT. 20, 2018

FEBRUARY 2020

SITE PLAN SHOWING VAPOR POINT EXCEEDANCES

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road
Somers, New York 10589

TABLES

Table 1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-1 to GB-4

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 (4-8) 1/28/2020 Soil		GB-2 (4-8) 1/28/2020 Soil		GB-3 (4-8) 1/28/2020 Soil		GB-3 (8-12) 1/28/2020 Soil		GB-4 (0-4) 1/28/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER (mg/kg)											
1,1,1,2-Tetrachloroethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1,1-Trichloroethane	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1,2,2-Tetrachloroethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1,2-Trichloroethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1-Dichloroethane	240	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1-Dichloroethylene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,1-Dichloropropylene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2,3-Trichlorobenzene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2,3-Trichloropropane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2,4,5-Tetramethylbenzene	~	0.00450	U	0.00210	U	0.00300	J	16	D	0.00200	U
1,2,4-Trichlorobenzene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2,4-Trimethylbenzene	190	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2-Dibromo-3-chloropropane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2-Dibromoethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2-Dichlorobenzene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2-Dichloroethane	30	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,2-Dichloropropane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,3,5-Trimethylbenzene	190	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,3-Dichlorobenzene	280	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,3-Dichloropropane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,4-Dichlorobenzene	130	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
1,4-Dioxane	130	0.0900	U	0.0420	U	0.0400	U	8.800	U	0.0400	U
2,2-Dichloropropane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
2-Butanone	500	0.00450	U	0.00790		0.00870		0.440	U	0.00200	U
2-Chloroethylvinyl ether	~	0.0180	U	0.00840	U	0.00790	U	1.800	U	0.00790	U
2-Chlorotoluene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
2-Hexanone	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
4-Chlorotoluene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
4-Methyl-2-pentanone	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Acetone	500	0.0150	J	0.0320		0.0320		0.880	U	0.00400	U
Acrolein	~	0.00900	U	0.00420	U	0.00400	U	0.880	U	0.00400	U
Acrylonitrile	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Allyl chloride	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Benzene	44	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Bromobenzene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Bromochloromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Bromodichloromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Bromoform	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Bromomethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Carbon disulfide	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Carbon tetrachloride	22	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Chlorobenzene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Chloroethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Chloroform	350	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Chloromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
cis-1,2-Dichloroethylene	500	0.00450	U	0.00210	U	0.00200	U	**0.440**	U	0.00200	U
cis-1,3-Dichloropropylene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Cyclohexane	~	0.00450	U	0.00210	U	0.00200	U	6.800	D	0.00200	U
Dibromochloromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Dibromomethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Dichlorodifluoromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Diisopropyl ether (DIPE)	~	0.00720	U	0.00330	U	0.00320	U	0.700	U	0.00320	U
Ethanol	~	0.0720	U	0.0330	U	0.0320	U	7	U	0.0320	U
Ethyl Benzene	390	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Ethyl tert-butyl ether (ETBE)	~	0.00720	U	0.00330	U	0.00320	U	0.700	U	0.00320	U
Hexachlorobutadiene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Iodomethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Isopropylbenzene	~	0.00450	U	0.00210	U	0.00200	U	2.600	D	0.00200	U
Methyl acetate	~	0.00450	U	0.00210	U	0.00690		0.440	U	0.00200	U
Methyl Methacrylate	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Methyl tert-butyl ether (MTBE)	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Methylcyclohexane	~	0.00450	U	0.00210	U	0.00770		39	D	0.00200	U
Methylene chloride	500	0.00900	U	0.00420	U	0.00400	U	**0.880**	U	0.00400	U
Naphthalene	500	0.00740	J	0.00210	U	0.00200	U	0.440	U	0.00200	U
n-Butylbenzene	500	0.00450	U	0.00210	U	0.00200	U	4	D	0.00200	U
n-Propylbenzene	500	0.00450	U	0.00210	U	0.00200	U	**4.400**	D	0.00200	U
o-Xylene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
p- & m- Xylenes	~	0.00900	U	0.00420	U	0.00400	U	0.880	U	0.00400	U
p-Diethylbenzene	~	0.00450	U	0.00210	U	0.00200	U	3	D	0.00200	U
p-Ethyltoluene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
p-Isopropyltoluene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
sec-Butylbenzene	500	0.00450	U	0.00210	U	0.00450		3.200	D	0.00200	U
Styrene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
tert-Amyl alcohol (TAA)	~	0.0720	U	0.0330	U	0.0320	U	7	U	0.0320	U
tert-Amyl methyl ether (TAME)	~	0.00720	U	0.00330	U	0.00320	U	0.700	U	0.00320	U
tert-Butyl alcohol (TBA)	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
tert-Butylbenzene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Tetrachloroethylene	150	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Tetrahydrofuran	~	0.00900	U	0.00420	U	0.00400	U	0.880	U	0.00400	U
Toluene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
trans-1,2-Dichloroethylene	500	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
trans-1,3-Dichloropropylene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
trans-1,4-dichloro-2-butene	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Trichloroethylene	200	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Trichlorofluoromethane	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Vinyl acetate	~	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Vinyl Chloride	13	0.00450	U	0.00210	U	0.00200	U	0.440	U	0.00200	U
Xylenes, Total	500	0.0140	U	0.00630	U	0.00590	U	1.300	U	0.00590	U
Semi-Volatiles, 1,4-Dioxane by 8270-SIM (mg/kg)											
1,4-Dioxane	130	0.00980	U	0.00962	U	0.00952	U	0.00990	U	0.00935	U
SVOA, 8270 MASTER (mg/kg)											
1,1-Biphenyl	~	0.652	D	0.0469	U	0.0482	U	0.105	U	0.0477	U
1,2,4,5-Tetrachlorobenzene	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
1,2,4-Trichlorobenzene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
1,2-Dichlorobenzene	500	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
1,3-Dichlorobenzene	280	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
1,4-Dichlorobenzene	130	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U

Table 1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-1 to GB-4

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 (4-8) 1/28/2020 Soil		GB-2 (4-8) 1/28/2020 Soil		GB-3 (4-8) 1/28/2020 Soil		GB-3 (8-12) 1/28/2020 Soil		GB-4 (0-4) 1/28/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2,3,4,6-Tetrachlorophenol	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
2,4,5-Trichlorophenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2,4,6-Trichlorophenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2,4-Dichlorophenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2,4-Dimethylphenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2,4-Dinitrophenol	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
2,4-Dinitrotoluene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2,6-Dinitrotoluene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2-Chloronaphthalene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2-Chlorophenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2-Methylnaphthalene	~	2.080	D	0.150	D	0.0531	JD	2.590	D	0.0477	U
2-Methylphenol	500	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
2-Nitroaniline	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
2-Nitrophenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
3- & 4-Methylphenols	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
3,3-Dichlorobenzidine	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
3-Nitroaniline	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
4,6-Dinitro-2-methylphenol	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
4-Bromophenyl phenyl ether	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
4-Chloro-3-methylphenol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
4-Chloroaniline	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
4-Chlorophenyl phenyl ether	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
4-Nitroaniline	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
4-Nitrophenol	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
Acenaphthene	500	2.810	D	0.224	D	0.0482	U	0.105	U	0.0494	JD
Acenaphthylene	500	2.230	D	0.174	D	0.0482	U	0.105	U	0.0753	JD
Acetophenone	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Aniline	~	0.197	U	0.187	U	0.193	U	0.420	U	0.190	U
Anthracene	500	9.470	D	0.658	D	0.0584	JD	0.105	U	0.157	D
Atrazine	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Benzaldehyde	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Benzidine	~	0.197	U	0.187	U	0.193	U	0.420	U	0.190	U
Benzo(a)anthracene	5.6	**12.900**	D	**1.240**	D	0.120	D	0.105	U	0.428	D
Benzo(a)pyrene	1	**10.100**	D	**1.180**	D	0.128	D	0.105	U	0.428	D
Benzo(b)fluoranthene	5.6	**8.170**	D	**1.020**	D	0.114	D	0.105	U	0.365	D
Benzo(g,h,i)perylene	500	4.340	D	0.717	D	0.111	D	0.105	U	0.316	D
Benzo(k)fluoranthene	56	**7.450**	D	**0.884**	D	0.104	D	0.105	U	0.352	D
Benzoic acid	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Benzyl alcohol	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Benzyl butyl phthalate	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Bis(2-chloroethoxy)methane	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Bis(2-chloroethyl)ether	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Bis(2-chloroisopropyl)ether	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Bis(2-ethylhexyl)phthalate	~	0.527	D	0.0469	U	0.0482	U	0.105	U	0.0477	U
Caprolactam	~	0.0985	U	0.0936	U	0.0962	U	0.210	U	0.0951	U
Carbazole	~	2.230	D	0.244	D	0.0482	U	0.105	U	0.0477	U
Chrysene	56	**11.100**	D	**1.180**	D	0.123	D	0.105	U	0.425	D
Dibenzo(a,h)anthracene	0.56	**2.220**	D	0.260	D	0.0482	U	0.105	U	0.0966	D
Dibenzofuran	350	4.620	D	0.194	D	0.0482	U	0.105	U	0.0477	U
Diethyl phthalate	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Dimethyl phthalate	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Di-n-butyl phthalate	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Di-n-octyl phthalate	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Fluoranthene	500	28.500	D	2.300	D	0.255	D	0.105	U	0.863	D
Fluorene	500	5.560	D	0.365	D	0.0482	U	0.105	U	0.0547	JD
Hexachlorobenzene	6	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Hexachlorobutadiene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Hexachlorocyclopentadiene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Hexachloroethane	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Indeno(1,2,3-cd)pyrene	5.6	**4.170**	D	**0.659**	D	0.0838	JD	0.105	U	0.270	D
Isophorone	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Naphthalene	500	2.330	D	0.207	D	0.0482	U	0.105	U	0.0477	U
Nitrobenzene	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
N-Nitrosodimethylamine	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
N-nitroso-di-n-propylamine	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
N-Nitrosodiphenylamine	~	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Pentachlorophenol	6.7	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Phenanthrene	500	29.200	D	2.110	D	0.167	D	0.105	U	0.449	D
Phenol	500	0.0493	U	0.0469	U	0.0482	U	0.105	U	0.0477	U
Pyrene	500	28.800	D	2.300	D	0.255	D	0.105	U	0.960	D
Pyridine	~	0.197	U	0.187	U	0.193	U	0.420	U	0.190	U
PEST, 8081 MASTER (mg/kg)											
4,4'-DDD	92	0.00195	U	0.00185	U	0.00193	U	**0.00415**	U	0.00188	U
4,4'-DDE	62	0.00195	U	0.00185	U	0.00193	U	**0.00415**	U	0.00188	U
4,4'-DDT	47	**0.00674**	DP	**0.00705**	D	0.00193	U	**0.00415**	U	0.00188	U
Aldrin	0.68	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
alpha-BHC	3.4	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
alpha-Chlordane	24	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
beta-BHC	3	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Chlordane, total	~	0.0391	U	0.0369	U	0.0387	U	0.0830	U	0.0376	U
delta-BHC	500	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Dieldrin	1.4	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endosulfan I	200	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endosulfan II	200	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endosulfan sulfate	200	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endrin	89	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endrin aldehyde	~	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Endrin ketone	~	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
gamma-BHC (Lindane)	9.2	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
gamma-Chlordane	~	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Heptachlor	15	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Heptachlor epoxide	~	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Methoxychlor	~	0.00195	U	0.00185	U	0.00193	U	0.00415	U	0.00188	U
Toxaphene	~	0.195	U	0.185	U	0.193	U	0.415	U	0.188	U
Metals, Target Analyte (mg/kg)											
Aluminum	~	11,500		14,300		16,800		14,300		14,200	
Antimony	~	2.990	U	2.820	U	2.940	U	6.400	U	2.870	U
Arsenic	16	6.430		5.230		4.560		3.840	U	6.460	
Barium	400	120		168		122		122		258	
Beryllium	590	0.0600	U	0.0560	U	0.0590	U	0.128	U	0.0570	U
Cadmium	9.3	1.300		0.600		0.590		0.767	U	1.190	

Table 1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-1 to GB-4

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 (4-8) 1/28/2020 Soil		GB-2 (4-8) 1/28/2020 Soil		GB-3 (4-8) 1/28/2020 Soil		GB-3 (8-12) 1/28/2020 Soil		GB-4 (0-4) 1/28/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Calcium	~	49,300		33,600		5,520		6,450		8,740	
Chromium	~	26.800		45.600		40.900		34.500		31.800	
Cobalt	~	7.610		12.400		16		10.600		11.800	
Copper	270	44.700		45.400		42.700		46.700		**57**	
Iron	~	19,900		24,800		27,500		14,600		25,700	
Lead	1000	**111**		**143**		**111**		8.450		**204**	
Magnesium	~	5,870		14,700		6,040		5,740		5,710	
Manganese	10000	381		418		353		277		309	
Nickel	310	23.700		**39.400**		**52.200**		**47**		**34.500**	
Potassium	~	2,300		4,790		4,050		1,960		3,230	
Selenium	1500	2.990	U	2.820	U	2.940	U	6.400	U	2.870	U
Silver	1500	0.598	U	0.565	U	0.588	U	1.280	U	0.574	U
Sodium	~	1,150		530		262		332		475	
Thallium	~	2.990	U	2.820	U	2.940	U	6.400	U	2.870	U
Vanadium	~	27.200		41		42		33.300		37.100	
Zinc	10000	**175**		**154**		**142**		80.900		**251**	
Mercury by 7473 (mg/kg)											
Mercury	2.8	**0.224**		0.0652		0.149		0.0767	U	**0.255**	
HERB, 8151 MASTER (mg/kg)											
2,4,5-T	~	0.0236	U	0.0223	U	0.0234	U	0.0510	U	0.0227	U
2,4,5-TP (Silvex)	500	0.0236	U	0.0223	U	0.0234	U	0.0510	U	0.0227	U
2,4-D	~	0.0236	U	0.0223	U	0.0234	U	0.0510	U	0.0227	U
PCB, 8082 MASTER (mg/kg)											
Aroclor 1016	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1221	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1232	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1242	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1248	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1254	~	0.0197	U	0.0186	U	0.0195	U	0.0419	U	0.0190	U
Aroclor 1260	~	0.0318		0.0266		0.0234		0.0419	U	0.0190	U
Total PCBs	1	0.0318		0.0266		0.0234		0.0419	U	0.0190	U
Result Exceedance Dectected											

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 1.1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-4 to GB-7

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-4 (8-12) 1/28/2020 Soil		GB-5 (0-4) 1/28/2020 Soil		GB-6 (4-8) 1/28/2020 Soil		GB-7 (4-8) 1/29/2020 Soil		GB-7 (12-16) 1/29/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER (mg/kg)											
1,1,1,2-Tetrachloroethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1,1-Trichloroethane	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1,2,2-Tetrachloroethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1,2-Trichloroethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1-Dichloroethane	240	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1-Dichloroethylene	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,1-Dichloropropylene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2,3-Trichlorobenzene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2,3-Trichloropropane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2,4,5-Tetramethylbenzene	~	11	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2,4-Trichlorobenzene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2,4-Trimethylbenzene	190	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2-Dibromo-3-chloropropane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2-Dibromoethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2-Dichlorobenzene	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2-Dichloroethane	30	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,2-Dichloropropane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,3,5-Trimethylbenzene	190	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,3-Dichlorobenzene	280	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,3-Dichloropropane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,4-Dichlorobenzene	130	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
1,4-Dioxane	130	**4.500**	U	0.0470	U	0.0460	U	0.0930	U	0.0600	U
2,2-Dichloropropane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
2-Butanone	500	**0.220**	U	0.00730		0.00230	U	0.00470	U	0.0110	
2-Chloroethylvinyl ether	~	0.890	U	0.00940	U	0.00910	U	0.0190	U	0.0120	U
2-Chlorotoluene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
2-Hexanone	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
4-Chlorotoluene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
4-Methyl-2-pentanone	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Acetone	500	**0.450**	U	0.0290		0.00460	U	**0.0550**		0.0380	
Acrolein	~	0.450	U	0.00470	U	0.00460	U	0.00930	U	0.00600	U
Acrylonitrile	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Allyl chloride	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Benzene	44	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Bromobenzene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Bromochloromethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Bromodichloromethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Bromoform	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Bromomethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Carbon disulfide	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00350	J
Carbon tetrachloride	22	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Chlorobenzene	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Chloroethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Chloroform	350	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Chloromethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
cis-1,2-Dichloroethylene	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
cis-1,3-Dichloropropylene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Cyclohexane	~	1.800	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Dibromochloromethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Dibromomethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Dichlorodifluoromethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Diisopropyl ether (DIPE)	~	0.360	U	0.00380	U	0.00360	U	0.00750	U	0.00480	U
Ethanol	~	3.600	U	0.0380	U	0.0360	U	0.0750	U	0.0480	U
Ethyl Benzene	390	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Ethyl tert-butyl ether (ETBE)	~	0.360	U	0.00380	U	0.00360	U	0.00750	U	0.00480	U
Hexachlorobutadiene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Iodomethane	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Isopropylbenzene	~	1.500	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Methyl acetate	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Methyl Methacrylate	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Methyl tert-butyl ether (MTBE)	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Methylcyclohexane	~	11	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Methylene chloride	500	**0.450**	U	0.00470	U	0.00460	U	0.00930	U	0.00600	U
Naphthalene	500	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
n-Butylbenzene	500	2.200	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
n-Propylbenzene	500	2.600	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
o-Xylene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
p- & m- Xylenes	~	0.450	U	0.00470	U	0.00460	U	0.00930	U	0.00600	U
p-Diethylbenzene	~	1.900	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
p-Ethyltoluene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
p-Isopropyltoluene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
sec-Butylbenzene	500	2	D	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Styrene	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
tert-Amyl alcohol (TAA)	~	3.600	U	0.0380	U	0.0360	U	0.0750	U	0.0480	U
tert-Amyl methyl ether (TAME)	~	0.360	U	0.00380	U	0.00360	U	0.00750	U	0.00480	U
tert-Butyl alcohol (TBA)	~	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
tert-Butylbenzene	500	0.250	JD	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Tetrachloroethylene	150	0.220	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Tetrahydrofuran	~	**0.450**	U	0.00470	U	0.00460	U	0.00930	U	0.00600	U
Toluene	500	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
trans-1,2-Dichloroethylene	500	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U

Table 1.1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-4 to GB-7

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-4 (8-12) 1/28/2020 Soil		GB-5 (0-4) 1/28/2020 Soil		GB-6 (4-8) 1/28/2020 Soil		GB-7 (4-8) 1/29/2020 Soil		GB-7 (12-16) 1/29/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
trans-1,3-Dichloropropylene	~	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
trans-1,4-dichloro-2-butene	~	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Trichloroethylene	200	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Trichlorofluoromethane	~	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Vinyl acetate	~	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Vinyl Chloride	13	**0.220**	U	0.00230	U	0.00230	U	0.00470	U	0.00300	U
Xylenes, Total	500	**0.670**	U	0.00700	U	0.00680	U	0.0140	U	0.00900	U
Semi-Volatiles, 1,4-Dioxane by 8270-SIM (mg/kg)											
1,4-Dioxane	130	0.00943	U	0.00962	U	0.00952	U	0.00990	U	0.00943	U
SVOA, 8270 MASTER (mg/kg)											
1,1-Biphenyl	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
1,2,4,5-Tetrachlorobenzene	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
1,2,4-Trichlorobenzene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
1,2-Dichlorobenzene	500	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
1,3-Dichlorobenzene	280	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
1,4-Dichlorobenzene	130	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,3,4,6-Tetrachlorophenol	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
2,4,5-Trichlorophenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,4,6-Trichlorophenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,4-Dichlorophenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,4-Dimethylphenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,4-Dinitrophenol	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
2,4-Dinitrotoluene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2,6-Dinitrotoluene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2-Chloronaphthalene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2-Chlorophenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2-Methylnaphthalene	~	16.900	D	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2-Methylphenol	500	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
2-Nitroaniline	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
2-Nitrophenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
3- & 4-Methylphenols	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
3,3-Dichlorobenzidine	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
3-Nitroaniline	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
4,6-Dinitro-2-methylphenol	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
4-Bromophenyl phenyl ether	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
4-Chloro-3-methylphenol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
4-Chloroaniline	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
4-Chlorophenyl phenyl ether	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
4-Nitroaniline	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
4-Nitrophenol	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
Acenaphthene	500	0.0490	U	0.0704	JD	0.0486	U	0.0537	U	0.0659	U
Acenaphthylene	500	0.0490	U	0.307	D	0.0486	U	0.0537	U	0.0659	U
Acetophenone	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Aniline	~	0.196	U	0.188	U	0.194	U	0.215	U	0.263	U
Anthracene	500	0.0852	JD	0.488	D	0.0486	U	0.0537	U	0.0659	U
Atrazine	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Benzaldehyde	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Benzidine	~	0.196	U	0.188	U	0.194	U	0.215	U	0.263	U
Benzo(a)anthracene	5.6	0.0490	U	**1.280**	D	0.0496	JD	0.0537	U	0.0659	U
Benzo(a)pyrene	1	0.0490	U	**1.240**	D	0.0486	U	0.0537	U	0.0659	U
Benzo(b)fluoranthene	5.6	0.0490	U	**1.040**	D	0.0486	U	0.0537	U	0.0659	U
Benzo(g,h,i)perylene	500	0.0490	U	0.796	D	0.0486	U	0.0537	U	0.0659	U
Benzo(k)fluoranthene	56	0.0490	U	**0.912**	D	0.0486	U	0.0537	U	0.0659	U
Benzoic acid	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Benzyl alcohol	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Benzyl butyl phthalate	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Bis(2-chloroethoxy)methane	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Bis(2-chloroethyl)ether	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Bis(2-chloroisopropyl)ether	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Bis(2-ethylhexyl)phthalate	~	0.0490	U	0.0959	D	0.0486	U	0.0537	U	0.0659	U
Caprolactam	~	0.0978	U	0.0937	U	0.0969	U	0.107	U	0.131	U
Carbazole	~	0.0490	U	0.0532	JD	0.0486	U	0.0537	U	0.0659	U
Chrysene	56	0.0490	U	**1.210**	D	0.0511	JD	0.0537	U	0.0659	U
Dibenzo(a,h)anthracene	0.56	0.0490	U	0.234	D	0.0486	U	0.0537	U	0.0659	U
Dibenzofuran	350	0.0490	U	0.0712	JD	0.0486	U	0.0537	U	0.0659	U
Diethyl phthalate	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Dimethyl phthalate	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Di-n-butyl phthalate	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Di-n-octyl phthalate	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Fluoranthene	500	0.0490	U	2.440	D	0.0937	JD	0.0537	U	0.0659	U
Fluorene	500	0.0490	U	0.103	D	0.0486	U	0.0537	U	0.0659	U
Hexachlorobenzene	6	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Hexachlorobutadiene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Hexachlorocyclopentadiene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Hexachloroethane	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Indeno(1,2,3-cd)pyrene	5.6	0.0490	U	**0.691**	D	0.0486	U	0.0537	U	0.0659	U
Isophorone	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Naphthalene	500	0.121	D	0.0472	JD	0.0486	U	0.0537	U	0.0659	U
Nitrobenzene	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
N-Nitrosodimethylamine	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
N-nitroso-di-n-propylamine	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
N-Nitrosodiphenylamine	~	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U

Table 1.1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-4 to GB-7

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-4 (8-12) 1/28/2020 Soil		GB-5 (0-4) 1/28/2020 Soil		GB-6 (4-8) 1/28/2020 Soil		GB-7 (4-8) 1/29/2020 Soil		GB-7 (12-16) 1/29/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pentachlorophenol	6.7	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Phenanthrene	500	0.712	D	1.010	D	0.0674	JD	0.0537	U	0.0659	U
Phenol	500	0.0490	U	0.0470	U	0.0486	U	0.0537	U	0.0659	U
Pyrene	500	0.0490	U	2.830	D	0.0922	JD	0.0537	U	0.0659	U
Pyridine	~	0.196	U	0.188	U	0.194	U	0.215	U	0.263	U
PEST, 8081 MASTER (mg/kg)											
4,4'-DDD	92	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
4,4'-DDE	62	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
4,4'-DDT	47	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Aldrin	0.68	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
alpha-BHC	3.4	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
alpha-Chlordane	24	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
beta-BHC	3	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Chlordane, total	~	0.0392	U	0.0372	U	0.0382	U	0.0423	U	0.0513	U
delta-BHC	500	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Dieldrin	1.4	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Endosulfan I	200	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Endosulfan II	200	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Endosulfan sulfate	200	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Endrin	89	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Endrin aldehyde	~	0.00196	U	0.00813	D	0.00191	U	0.00211	U	0.00257	U
Endrin ketone	~	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
gamma-BHC (Lindane)	9.2	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
gamma-Chlordane	~	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Heptachlor	15	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Heptachlor epoxide	~	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Methoxychlor	~	0.00196	U	0.00186	U	0.00191	U	0.00211	U	0.00257	U
Toxaphene	~	0.196	U	0.186	U	0.191	U	0.211	U	0.257	U
Metals, Target Analyte (mg/kg)											
Aluminum	~	5,760		12,300		5,930		7,210	B	14,900	B
Antimony	~	2.980	U	2.840	U	2.910	U	3.220	U	3.950	U
Arsenic	16	1.790	U	5.370		2.840		**13.400**		2.370	U
Barium	400	50.700		140		32.600		107		135	
Beryllium	590	0.0600	U	0.0570	U	0.0580	U	0.0640	U	0.0790	U
Cadmium	9.3	0.358	U	0.533		0.350	U	0.387	U	0.474	U
Calcium	~	2,030		12,200		3,050		8,770		2,470	
Chromium	~	14.600		33.300		13.900		17.500		39.200	
Cobalt	~	8.050		12.500		7.340		8.640		18.300	
Copper	270	9.130		**55.400**		17		**91.200**		35.100	
Iron	~	12,000		28,200		11,400		20,300		22,300	
Lead	1000	3.360		**74.900**		3.110		**439**		5.460	
Magnesium	~	2,490		8,050		2,430		4,710		7,180	
Manganese	10000	147		258		125		229		276	
Nickel	310	22.900		**42.700**		13.400		22.200		**50.700**	
Potassium	~	1,410		2,890		1,710		1,530		7,960	
Selenium	1500	2.980	U	2.840	U	2.910	U	3.220	U	**3.950**	U
Silver	1500	0.596	U	0.567	U	0.583	U	0.645	U	0.791	U
Sodium	~	110		611		168		505		184	
Thallium	~	2.980	U	2.840	U	2.910	U	3.220	U	3.950	U
Vanadium	~	18.900		38.100		18.200		22.400		42	
Zinc	10000	31.400		**122**		17		88.600		48.500	
Mercury by 7473 (mg/kg)											
Mercury	2.8	0.0358	U	0.159		0.0350	U	**0.194**		0.0474	U
HERB, 8151 MASTER (mg/kg)											
2,4,5-T	~	0.0237	U	0.0223	U	0.0232	U	0.0256	U	0.0312	U
2,4,5-TP (Silvex)	500	0.0237	U	0.0223	U	0.0232	U	0.0256	U	0.0312	U
2,4-D	~	0.0237	U	0.0223	U	0.0232	U	0.0256	U	0.0312	U
PCB, 8082 MASTER (mg/kg)											
Aroclor 1016	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1221	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1232	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1242	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1248	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1254	~	0.0198	U	0.0188	U	0.0193	U	0.0213	U	0.0259	U
Aroclor 1260	~	0.0198	U	0.184		0.0193	U	0.0213	U	0.0259	U
Total PCBs	1	0.0198	U	**0.184**		0.0193	U	0.0213	U	0.0259	U
Result Exceedance Dectected											

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 1.2
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-8 to GB-12

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-8 (8-12) 1/29/2020 Soil		GB-9 (8-12) 1/30/2020 Soil		GB-10 (4-8) 1/29/2020 Soil		GB-11 (8-12) 1/30/2020 Soil		GB-12 (1-4) 1/31/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER (mg/kg)											
1,1,1,2-Tetrachloroethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1,1-Trichloroethane	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1,2-Trichloroethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1-Dichloroethane	240	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1-Dichloroethylene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,1-Dichloropropylene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2,3-Trichlorobenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2,3-Trichloropropane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2,4,5-Tetramethylbenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2,4-Trichlorobenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2,4-Trimethylbenzene	190	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	0.00200	U	0.00980		0.00360	U	0.00440	J	0.00250	U
1,2-Dibromoethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2-Dichlorobenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,2-Dichloroethane	30	0.00200	U	0.00480	J	0.00360	U	0.00240	J	0.00250	U
1,2-Dichloropropane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,3,5-Trimethylbenzene	190	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,3-Dichlorobenzene	280	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,3-Dichloropropane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,4-Dichlorobenzene	130	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
1,4-Dioxane	130	0.0410	U	0.0870	U	0.0710	U	0.0450	U	0.0490	U
2,2-Dichloropropane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
2-Butanone	500	0.00200	U	0.0200		0.0380		0.00800		0.00560	
2-Chloroethylvinyl ether	~	0.00810	U	0.0170	U	0.0140	U	0.00900	U	0.00980	U
2-Chlorotoluene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
2-Hexanone	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
4-Chlorotoluene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
4-Methyl-2-pentanone	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Acetone	500	0.00950		**0.0760**		**0.150**		0.0300		0.0330	
Acrolein	~	0.00410	U	0.00870	U	0.00710	U	0.00450	U	0.00490	U
Acrylonitrile	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Allyl chloride	~	0.00200	U	0.0390		0.00360	U	0.0160		0.00250	U
Benzene	44	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Bromobenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Bromochloromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Bromodichloromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Bromoform	~	0.00200	U	0.00960		0.00360	U	0.00490		0.00250	U
Bromomethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Carbon disulfide	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Carbon tetrachloride	22	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Chlorobenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Chloroethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Chloroform	350	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Chloromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
cis-1,2-Dichloroethylene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
cis-1,3-Dichloropropylene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Cyclohexane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Dibromochloromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Dibromomethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Dichlorodifluoromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.0160	
Diisopropyl ether (DIPE)	~	0.00330	U	0.00690	U	0.00570	U	0.00360	U	0.00390	U
Ethanol	~	0.0330	U	0.0690	U	0.0570	U	0.0360	U	0.0390	U
Ethyl Benzene	390	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	~	0.00330	U	0.00690	U	0.00570	U	0.00360	U	0.00390	U
Hexachlorobutadiene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Iodomethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Isopropylbenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Methyl acetate	~	0.00200	U	0.0390		0.00360	U	0.0160		0.00250	U
Methyl Methacrylate	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Methyl tert-butyl ether (MTBE)	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Methylcyclohexane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Methylene chloride	500	0.00410	U	0.00870	U	0.00710	U	0.00450	U	0.00490	U
Naphthalene	500	0.00200	U	0.00430	U	0.00360	U	0.0160		0.00280	J
n-Butylbenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
n-Propylbenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
o-Xylene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
p- & m- Xylenes	~	0.00410	U	0.00870	U	0.00710	U	0.00450	U	0.00490	U
p-Diethylbenzene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
p-Ethyltoluene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
p-Isopropyltoluene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
sec-Butylbenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Styrene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
tert-Amyl alcohol (TAA)	~	0.0330	U	0.0690	U	0.0570	U	0.0360	U	0.0390	U
tert-Amyl methyl ether (TAME)	~	0.00330	U	0.00690	U	0.00570	U	0.00360	U	0.00390	U
tert-Butyl alcohol (TBA)	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
tert-Butylbenzene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Tetrachloroethylene	150	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Tetrahydrofuran	~	0.00410	U	0.00870	U	0.00710	U	0.00450	U	0.00490	U
Toluene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
trans-1,2-Dichloroethylene	500	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
trans-1,3-Dichloropropylene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U

Table 1.2
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-8 to GB-12

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-8 (8-12) 1/29/2020 Soil		GB-9 (8-12) 1/30/2020 Soil		GB-10 (4-8) 1/29/2020 Soil		GB-11 (8-12) 1/30/2020 Soil		GB-12 (1-4) 1/31/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
trans-1,4-dichloro-2-butene	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Trichloroethylene	200	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Trichlorofluoromethane	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Vinyl acetate	~	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Vinyl Chloride	13	0.00200	U	0.00430	U	0.00360	U	0.00220	U	0.00250	U
Xylenes, Total	500	0.00610	U	0.0130	U	0.0110	U	0.00670	U	0.00740	U
Semi-Volatiles, 1,4-Dioxane by 8270-SIM (mg/kg)											
1,4-Dioxane	130	0.00935	U	0.00962	U	0.00990	U	0.00952	U	0.00971	U
SVOA, 8270 MASTER (mg/kg)											
1,1-Biphenyl	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0507	JD
1,2,4,5-Tetrachlorobenzene	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
1,2,4-Trichlorobenzene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
1,2-Dichlorobenzene	500	0.0514	U	0.0806	U	0.0629	U	0.0461	JD	0.0442	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
1,3-Dichlorobenzene	280	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
1,4-Dichlorobenzene	130	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,3,4,6-Tetrachlorophenol	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
2,4,5-Trichlorophenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,4,6-Trichlorophenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,4-Dichlorophenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,4-Dimethylphenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,4-Dinitrophenol	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
2,4-Dinitrotoluene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2,6-Dinitrotoluene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2-Chloronaphthalene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2-Chlorophenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2-Methylnaphthalene	~	0.0514	U	0.0806	U	0.0629	U	0.140	D	0.206	D
2-Methylphenol	500	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
2-Nitroaniline	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
2-Nitrophenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
3- & 4-Methylphenols	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
3,3-Dichlorobenzidine	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
3-Nitroaniline	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
4,6-Dinitro-2-methylphenol	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
4-Bromophenyl phenyl ether	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
4-Chloro-3-methylphenol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
4-Chloroaniline	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
4-Chlorophenyl phenyl ether	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
4-Nitroaniline	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
4-Nitrophenol	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
Acenaphthene	500	0.152	D	0.0806	U	0.0629	U	0.116	D	0.392	D
Acenaphthylene	500	0.300	D	0.0806	U	0.0629	U	0.123	D	0.0789	JD
Acetophenone	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Aniline	~	0.205	U	0.322	U	0.251	U	0.183	U	0.176	U
Anthracene	500	0.527	D	0.0806	U	0.0629	U	0.336	D	0.687	D
Atrazine	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Benzaldehyde	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Benzidine	~	0.205	U	0.322	U	0.251	U	0.183	U	0.176	U
Benzo(a)anthracene	5.6	**1.310**	D	0.0806	U	0.0629	U	0.823	D	**1.210**	D
Benzo(a)pyrene	1	**1.610**	D	0.0806	U	0.0629	U	0.973	D	**1.440**	D
Benzo(b)fluoranthene	5.6	**1.370**	D	0.0806	U	0.0629	U	0.851	D	**1.160**	D
Benzo(g,h,i)perylene	500	1.060	D	0.0806	U	0.0629	U	0.591	D	0.820	D
Benzo(k)fluoranthene	56	**1.130**	D	0.0806	U	0.0629	U	0.748	D	**1.080**	D
Benzoic acid	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Benzyl alcohol	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Benzyl butyl phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.380	D
Bis(2-chloroethoxy)methane	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Bis(2-chloroethyl)ether	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Bis(2-chloroisopropyl)ether	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Bis(2-ethylhexyl)phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.200	D
Caprolactam	~	0.103	U	0.161	U	0.126	U	0.0915	U	0.0881	U
Carbazole	~	0.180	D	0.0806	U	0.0629	U	0.137	D	0.277	D
Chrysene	56	**1.350**	D	0.0806	U	0.0629	U	0.853	D	**1.150**	D
Dibenzo(a,h)anthracene	0.56	**0.460**	D	0.0806	U	0.0629	U	0.279	D	**0.366**	D
Dibenzofuran	350	0.0639	JD	0.0806	U	0.0629	U	0.114	D	0.259	D
Diethyl phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Dimethyl phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Di-n-butyl phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0627	JD
Di-n-octyl phthalate	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0662	JD
Fluoranthene	500	3.050	D	0.0806	U	0.0629	U	1.960	D	3.270	D
Fluorene	500	0.163	D	0.0806	U	0.0629	U	0.154	D	0.397	D
Hexachlorobenzene	6	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Hexachlorobutadiene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Hexachlorocyclopentadiene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Hexachloroethane	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Indeno(1,2,3-cd)pyrene	5.6	**0.970**	D	0.0806	U	0.0629	U	**0.582**	D	**0.792**	D
Isophorone	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Naphthalene	500	0.0623	JD	0.0806	U	0.0629	U	0.120	D	0.628	D
Nitrobenzene	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
N-Nitrosodimethylamine	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
N-nitroso-di-n-propylamine	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
N-Nitrosodiphenylamine	~	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Pentachlorophenol	6.7	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Phenanthrene	500	1.610	D	0.0806	U	0.0629	U	1.160	D	2.500	D

Table 1.2
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Soil in Test Borings GB-8 to GB-12

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-8 (8-12) 1/29/2020 Soil		GB-9 (8-12) 1/30/2020 Soil		GB-10 (4-8) 1/29/2020 Soil		GB-11 (8-12) 1/30/2020 Soil		GB-12 (1-4) 1/31/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Phenol	500	0.0514	U	0.0806	U	0.0629	U	0.0458	U	0.0442	U
Pyrene	500	2.150	D	0.0806	U	0.0629	U	1.260	D	1.930	D
Pyridine	~	0.205	U	0.322	U	0.251	U	0.183	U	0.176	U
PEST, 8081 MASTER (mg/kg)											
4,4'-DDD	92	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
4,4'-DDE	62	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
4,4'-DDT	47	**0.0194**	D	0.00318	U	0.00366	U	**0.00837**	D	0.00175	U
Aldrin	0.68	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
alpha-BHC	3.4	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
alpha-Chlordane	24	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
beta-BHC	3	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Chlordane, total	~	0.0406	U	0.0637	U	0.0732	U	0.0364	U	0.0350	U
delta-BHC	500	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Dieldrin	1.4	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endosulfan I	200	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endosulfan II	200	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endosulfan sulfate	200	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endrin	89	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endrin aldehyde	~	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Endrin ketone	~	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
gamma-BHC (Lindane)	9.2	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
gamma-Chlordane	~	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Heptachlor	15	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Heptachlor epoxide	~	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Methoxychlor	~	0.00203	U	0.00318	U	0.00366	U	0.00182	U	0.00175	U
Toxaphene	~	0.203	U	0.318	U	0.366	U	0.182	U	0.175	U
Metals, Target Analyte (mg/kg)											
Aluminum	~	10,000	B	12,900		28,900	B	13,400		7,450	
Antimony	~	3.080	U	4.840	U	3.790	U	2.770	U	2.660	U
Arsenic	16	5.440		2.900	U	3.650		6.600		10.900	
Barium	400	116		75.500		214		162		221	
Beryllium	590	0.0620	U	0.0970	U	0.0760	U	0.0550	U	0.0530	U
Cadmium	9.3	1.970		0.581	U	0.454	U	**3.630**		1.760	
Calcium	~	12,000		3,520		4,900		18,100		20,800	
Chromium	~	36.900		34.600		152		51.400		27.400	
Cobalt	~	9.200		13.500		25.500		12.100		7.310	
Copper	270	47.800		32.200		26.800		**88.700**		**411**	
Iron	~	22,800		18,400		24,300		31,600		23,300	
Lead	1000	**90**		9.440		10.700		**203**		**472**	
Magnesium	~	5,810		5,280		5,280		9,000		6,550	
Manganese	10000	261		152		552		373		322	
Nickel	310	**30.700**		**66**		**279**		**46.600**		23.600	
Potassium	~	2,970		1,870		1,150		3,490		1,930	B
Selenium	1500	3.080	U	**4.840**	U	3.790	U	2.770	U	2.660	U
Silver	1500	0.617	U	0.968	U	0.757	U	0.554	U	0.532	U
Sodium	~	196		132		1,380		165		244	
Thallium	~	3.080	U	4.840	U	3.790	U	2.770	U	2.660	U
Vanadium	~	30.700		30.800		36.100		39.800		25	
Zinc	10000	**152**		76.900		57.800		**284**		**398**	
Mercury by 7473 (mg/kg)											
Mercury	2.8	**0.296**		0.0581	U	0.101		**0.224**		0.166	
HERB, 8151 MASTER (mg/kg)											
2,4,5-T	~	0.0245	U	0.0381	U	0.0302	U	0.0220	U	0.0212	U
2,4,5-TP (Silvex)	500	0.0245	U	0.0381	U	0.0302	U	0.0220	U	0.0212	U
2,4-D	~	0.0245	U	0.0381	U	0.0302	U	0.0220	U	0.0212	U
PCB, 8082 MASTER (mg/kg)											
Aroclor 1016	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Aroclor 1221	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Aroclor 1232	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Aroclor 1242	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Aroclor 1248	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Aroclor 1254	~	0.0885		0.0321	U	0.0369	U	0.0318		0.0881	
Aroclor 1260	~	0.0205	U	0.0321	U	0.0369	U	0.0184	U	0.0177	U
Total PCBs	1	0.0885		0.0321	U	0.0369	U	0.0318		0.0881	
Result Exceedance Dectected											

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 1.3
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Soil from Monitor Well Installations MW-1 to MW-6

Sample ID	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	MW-1 (5-14)		MW-3 (5-9)		MW-4 (2-7)		MW-5 (5-9)		MW-6 (4-8)	
York ID		20A1088-08		20A1088-07		20A1125-01		20A1125-02		20A1088-05	
Sampling Date		1/29/2020		1/29/2020		1/30/2020		1/30/2020		1/29/2020	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER (mg/kg)											
1,1,1,2-Tetrachloroethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1,1-Trichloroethane	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1,2,2-Tetrachloroethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1,2-Trichloroethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1-Dichloroethane	240	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1-Dichloroethylene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,1-Dichloropropylene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2,3-Trichlorobenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2,3-Trichloropropane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2,4,5-Tetramethylbenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2,4-Trichlorobenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2,4-Trimethylbenzene	190	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2-Dibromo-3-chloropropane	~	0.00440	U	0.00170	U	0.00740		0.00460		0.00230	U
1,2-Dibromoethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2-Dichlorobenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,2-Dichloroethane	30	0.00440	U	0.00170	U	0.00320	J	0.00230	J	0.00230	U
1,2-Dichloropropane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,3,5-Trimethylbenzene	190	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,3-Dichlorobenzene	280	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,3-Dichloropropane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,3-Dichlorobenzene	280	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,3-Dichloropropane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,4-Dichlorobenzene	130	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
1,4-Dioxane	130	0.0880	U	0.0340	U	0.0590	U	0.0430	U	0.0470	U
2,2-Dichloropropane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
2-Butanone	500	0.0160		0.00170	U	0.00520	J	0.00420	J	0.00230	U
2-Chloroethylvinyl ether	~	0.0180	U	0.00690	U	0.0120	U	0.00870	U	0.00930	U
2-Chlorotoluene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
2-Hexanone	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
4-Chlorotoluene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
4-Methyl-2-pentanone	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Acetone	500	**0.0560**		0.00340	U	0.0290		0.0200		0.00720	J
Acrolein	~	0.00880	U	0.00340	U	0.00590	U	0.00430	U	0.00470	U
Acrylonitrile	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Allyl chloride	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Benzene	44	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Bromobenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Bromochloromethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Bromodichloromethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Bromoform	~	0.00440	U	0.00170	U	0.00640		0.00470		0.00230	U
Bromomethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Carbon disulfide	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Carbon tetrachloride	22	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Chlorobenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Chloroethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Chloroform	350	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Chloromethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
cis-1,2-Dichloroethylene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
cis-1,3-Dichloropropylene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Cyclohexane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Dibromochloromethane	~	0.00440	U	0.00170	U	0.00420	J	0.00220	U	0.00230	U
Dibromomethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Dichlorodifluoromethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Diisopropyl ether (DIPE)	~	0.00710	U	0.00280	U	0.00470	U	0.00350	U	0.00370	U
Ethanol	~	0.0710	U	0.0280	U	0.0470	U	0.0350	U	0.0370	U
Ethyl Benzene	390	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Ethyl tert-butyl ether (ETBE)	~	0.00710	U	0.00280	U	0.00470	U	0.00350	U	0.00370	U
Ethyl Benzene	390	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Ethyl tert-butyl ether (ETBE)	~	0.00710	U	0.00280	U	0.00470	U	0.00350	U	0.00370	U
Hexachlorobutadiene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Iodomethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Isopropylbenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Methyl acetate	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Methyl Methacrylate	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Methyl tert-butyl ether (MTBE)	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Methylcyclohexane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Methylene chloride	500	0.00880	U	0.00340	U	0.00590	U	0.00430	U	0.00470	U
Naphthalene	500	0.00790	J	0.0120		0.00290	U	0.00220	U	0.00230	U
n-Butylbenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
n-Propylbenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
o-Xylene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
p- & m- Xylenes	~	0.00880	U	0.00340	U	0.00590	U	0.00430	U	0.00470	U
p-Diethylbenzene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
p-Ethyltoluene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
p-Isopropyltoluene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
sec-Butylbenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Styrene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
tert-Amyl alcohol (TAA)	~	0.0710	U	0.0280	U	0.0470	U	0.0350	U	0.0370	U
tert-Amyl methyl ether (TAME)	~	0.00710	U	0.00280	U	0.00470	U	0.00350	U	0.00370	U
tert-Butyl alcohol (TBA)	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
tert-Butylbenzene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Tetrachloroethylene	150	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Tetrahydrofuran	~	0.00880	U	0.00340	U	0.00590	U	0.00430	U	0.00470	U
Toluene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
trans-1,2-Dichloroethylene	500	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
trans-1,3-Dichloropropylene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
trans-1,4-dichloro-2-butene	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Trichloroethylene	200	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U

Table 1.3
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Soil from Monitor Well Installations MW-1 to MW-6

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	MW-1 (5-14) 20A1088-08 1/29/2020 Soil		MW-3 (5-9) 20A1088-07 1/29/2020 Soil		MW-4 (2-7) 20A1125-01 1/30/2020 Soil		MW-5 (5-9) 20A1125-02 1/30/2020 Soil		MW-6 (4-8) 20A1088-05 1/29/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Trichlorofluoromethane	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Vinyl acetate	~	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Vinyl Chloride	13	0.00440	U	0.00170	U	0.00290	U	0.00220	U	0.00230	U
Xylenes, Total	500	0.0130	U	0.00520	U	0.00880	U	0.00650	U	0.00700	U
Semi-Volatiles, 1,4-Dioxane by 8270-SIM (mg/kg)											
1,4-Dioxane	130	0.00990	U	0.00980	U	0.00943	U	0.00990	U	0.00980	U
SVOA, 8270 MASTER (mg/kg)											
1,1-Biphenyl	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
1,2,4,5-Tetrachlorobenzene	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
1,2,4-Trichlorobenzene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
1,2-Dichlorobenzene	500	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
1,3-Dichlorobenzene	280	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
1,4-Dichlorobenzene	130	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,3,4,6-Tetrachlorophenol	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
2,4,5-Trichlorophenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,4,6-Trichlorophenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,4-Dichlorophenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,4-Dimethylphenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,4-Dinitrophenol	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
2,4-Dinitrotoluene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2,6-Dinitrotoluene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2-Chloronaphthalene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2-Chlorophenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2-Methylnaphthalene	~	0.0733	U	0.0558	JD	0.0843	JD	0.0600	JD	0.0473	U
2-Methylphenol	500	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
2-Nitroaniline	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
2-Nitrophenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
3- & 4-Methylphenols	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
3,3-Dichlorobenzidine	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
3-Nitroaniline	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
4,6-Dinitro-2-methylphenol	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
4-Bromophenyl phenyl ether	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
4-Chloro-3-methylphenol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
4-Chloroaniline	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
4-Chlorophenyl phenyl ether	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
4-Nitroaniline	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
4-Nitrophenol	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
Acenaphthene	500	0.0733	U	0.0521	JD	0.399	D	0.0608	JD	0.0473	U
Acenaphthylene	500	0.0733	U	0.0473	U	0.329	D	0.189	D	0.0473	U
Acetophenone	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Aniline	~	0.293	U	0.189	U	0.196	U	0.203	U	0.189	U
Anthracene	500	0.0760	JD	0.0558	JD	0.875	D	0.266	D	0.0473	U
Atrazine	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Benzaldehyde	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Benzidine	~	0.293	U	0.189	U	0.196	U	0.203	U	0.189	U
Benzo(a)anthracene	5.6	0.140	JD	0.0732	JD	**2.510**	D	0.697	D	0.0473	U
Benzo(a)pyrene	1	0.132	JD	0.0657	JD	**2.740**	D	0.873	D	0.0473	U
Benzo(b)fluoranthene	5.6	0.117	JD	0.0521	JD	**2.510**	D	0.674	D	0.0473	U
Benzo(g,h,i)perylene	500	0.101	JD	0.0473	U	1.230	D	0.504	D	0.0473	U
Benzo(k)fluoranthene	56	0.111	JD	0.0506	JD	**2.090**	D	0.610	D	0.0473	U
Benzoic acid	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Benzyl alcohol	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Benzyl butyl phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Bis(2-chloroethoxy)methane	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Bis(2-chloroethyl)ether	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Bis(2-chloroisopropyl)ether	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Bis(2-ethylhexyl)phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Caprolactam	~	0.146	U	0.0944	U	0.0977	U	0.101	U	0.0944	U
Carbazole	~	0.0733	U	0.0473	U	0.184	D	0.0568	JD	0.0473	U
Chrysene	56	0.145	JD	0.0641	JD	**2.540**	D	0.676	D	0.0473	U
Dibenzo(a,h)anthracene	0.56	0.0733	U	0.0473	U	**0.571**	D	0.221	D	0.0473	U
Dibenzofuran	350	0.0733	U	0.0473	U	0.224	D	0.0511	JD	0.0473	U
Diethyl phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Dimethyl phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Di-n-butyl phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Di-n-octyl phthalate	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Fluoranthene	500	0.368	D	0.195	D	6.790	D	1.420	D	0.0473	U
Fluorene	500	0.0733	U	0.0724	JD	0.318	D	0.0754	JD	0.0473	U
Hexachlorobenzene	6	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Hexachlorobutadiene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Hexachlorocyclopentadiene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Hexachloroethane	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Indeno(1,2,3-cd)pyrene	5.6	0.0877	JD	0.0473	U	**1.320**	D	0.488	D	0.0473	U
Isophorone	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Naphthalene	500	0.0733	U	0.0973	D	0.152	D	0.0509	U	0.0473	U
Nitrobenzene	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
N-Nitrosodimethylamine	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
N-nitroso-di-n-propylamine	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
N-Nitrosodiphenylamine	~	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Pentachlorophenol	6.7	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Phenanthrene	500	0.339	D	0.240	D	2.040	D	0.792	D	0.0473	U
Phenol	500	0.0733	U	0.0473	U	0.0489	U	0.0509	U	0.0473	U
Pyrene	500	0.264	D	0.131	D	4.860	D	1.010	D	0.0473	U
Pyridine	~	0.293	U	0.189	U	0.196	U	0.203	U	0.189	U

Table 1.3
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Soil from Monitor Well Installations MW-1 to MW-6

Sample ID	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	MW-1 (5-14)		MW-3 (5-9)		MW-4 (2-7)		MW-5 (5-9)		MW-6 (4-8)	
York ID		20A1088-08		20A1088-07		20A1125-01		20A1125-02		20A1088-05	
Sampling Date		1/29/2020		1/29/2020		1/30/2020		1/30/2020		1/29/2020	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER (mg/kg)											
4,4'-DDD	92	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
4,4'-DDE	62	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
4,4'-DDT	47	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Aldrin	0.68	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
alpha-BHC	3.4	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
alpha-Chlordane	24	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
beta-BHC	3	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Chlordane, total	~	0.0579	U	0.0376	U	0.0386	U	0.0408	U	0.0377	U
delta-BHC	500	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Dieldrin	1.4	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endosulfan I	200	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endosulfan II	200	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endosulfan sulfate	200	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endrin	89	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endrin aldehyde	~	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Endrin ketone	~	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
gamma-BHC (Lindane)	9.2	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
gamma-Chlordane	~	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Heptachlor	15	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Heptachlor epoxide	~	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Methoxychlor	~	0.00289	U	0.00188	U	0.00193	U	0.00204	U	0.00189	U
Toxaphene	~	0.289	U	0.188	U	0.193	U	0.204	U	0.189	U
Metals, Target Analyte (mg/kg)											
Aluminum	~	13,100	B	12,800	B	10,300		12,600		6,310	B
Antimony	~	4.410	U	2.870	U	2.940	U	3.110	U	2.870	U
Arsenic	16	6.210		1.720	U	7.700		12.500		1.720	U
Barium	400	159		133		115		193		50	
Beryllium	590	0.0880	U	0.0570	U	0.0590	U	0.0620	U	0.0570	U
Cadmium	9.3	0.661		0.344	U	1.790		**3.700**		0.344	U
Calcium	~	21,200		4,490		44,300		18,000		1,630	
Chromium	~	65.700		45		40.900		34.300		13.300	
Cobalt	~	11		24.800		10.500		18.100		6.080	
Copper	270	41.500		**57.400**		**63.200**		**144**		15.400	
Iron	~	22,100		36,100		42,900		34,700		10,500	
Lead	1000	**64.500**		15.300		**128**		**239**		2.690	
Magnesium	~	12,600		5,710		17,400		5,390		2,600	
Manganese	10000	267		449		503		277		97.400	
Nickel	310	**62.500**		**73**		**33.900**		**46.300**		12.800	
Potassium	~	2,620		4,700		3,790		2,460		2,110	
Selenium	1500	4.410	U	2.870	U	2.940	U	3.110	U	2.870	U
Silver	1500	0.883	U	0.574	U	0.587	U	0.622	U	0.573	U
Sodium	~	727		180		271		436		170	
Thallium	~	4.410	U	2.870	U	2.940	U	3.110	U	2.870	U
Vanadium	~	29.900		31.100		44.700		35.100		17.900	
Zinc	10000	**167**		75.100		**277**		**375**		28	
Mercury by 7473 (mg/kg)											
Mercury	2.8	**0.260**		0.0344	U	**0.918**		**0.451**		0.0344	U
HERB, 8151 MASTER (mg/kg)											
2,4,5-T	~	0.0349	U	0.0227	U	0.0229	U	0.0246	U	0.0228	U
2,4,5-TP (Silvex)	500	0.0349	U	0.0227	U	0.0229	U	0.0246	U	0.0228	U
2,4-D	~	0.0349	U	0.0227	U	0.0229	U	0.0246	U	0.0228	U
PCB, 8082 MASTER (mg/kg)											
Aroclor 1016	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Aroclor 1221	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Aroclor 1232	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Aroclor 1242	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Aroclor 1248	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Aroclor 1254	~	0.0292	U	0.0190	U	0.155		0.0206	U	0.0190	U
Aroclor 1260	~	0.0292	U	0.0190	U	0.0195	U	0.0206	U	0.0190	U
Total PCBs	1	0.0292	U	0.0190	U	**0.155**		0.0206	U	0.0190	U
Result Exceedance Dectected											

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 1.4
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for PFAS Soil GB- 1 to GB- 6

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 20A1034-01 1/28/2020 12:00:00 AM Soil		GB-2 20A1034-02 1/28/2020 12:00:00 AM Soil		GB-3 20A1034-03 1/28/2020 12:00:00 AM Soil		GB-4 20A1034-04 1/28/2020 12:00:00 AM Soil		GB-5 20A1034-05 1/28/2020 12:00:00 AM Soil		GB-6 20A1034-06 1/28/2020 12:00:00 AM Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List (mg/kg)													
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
N-EtFOSAA	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
N-MeFOSAA	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorobutanesulfonic acid (PFBS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorodecanoic acid (PFDA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorododecanoic acid (PFDoA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoroheptanoic acid (PFHpA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorohexanoic acid (PFHxA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoro-n-butanoic acid (PFBA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorononanoic acid (PFNA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorooctanesulfonic acid (PFOS)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00089		0.00092	U
Perfluorooctanoic acid (PFOA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoropentanoic acid (PFPeA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorotetradecanoic acid (PFTA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluorotridecanoic acid (PFTrDA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Perfluoroundecanoic acid (PFUnA)	~	0.00094	U	0.00083	U	0.00088	U	0.00084	U	0.00077	U	0.00092	U
Result Dectected													

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

Table 1.5
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for PFAS Soil GB- 6 to GB- 12

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-7 (4-8) 20A1084-01 1/29/2020 Soil		GB-8 (4-8) 20A1084-02 1/29/2020 Soil		GB-9 20A1129-03 1/30/2020 Soil		GB-10 (4-8) 20A1084-04 1/29/2020 Soil		GB-11 20A1129-04 1/30/2020 Soil		GB-12 20B0006-01 1/31/2020 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List (mg/Kg)													
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
N-EtFOSAA	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
N-MeFOSAA	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorobutanesulfonic acid (PFBS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorodecanoic acid (PFDA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorododecanoic acid (PFDoA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoroheptanoic acid (PFHpA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorohexanoic acid (PFHxA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoro-n-butanoic acid (PFBA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorononanoic acid (PFNA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorooctanesulfonic acid (PFOS)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorooctanoic acid (PFOA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoropentanoic acid (PFPeA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorotetradecanoic acid (PFTA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluorotridecanoic acid (PFTrDA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Perfluoroundecanoic acid (PFUnA)	~	0.00082	U	0.00084	U	0.00089	U	0.00156	U	0.00169	U	0.00073	U
Result Dectected													

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 1.6
130 Midland Avenue
Port Chester, New York

Laboaratory Anaytical Results for PFAS Soil MW-1 to MW- 6

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	MW-1 (5-14) 20A1084-06 1/29/2020 Soil		MW-3 (5-9) 20A1084-05 1/29/2020 Soil		MW-4 20A1129-01 1/30/2020 Soil		MW-5 20A1129-02 1/30/2020 Soil		MW-6 (4-8) 20A1084-03 1/29/2020 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List (mg/Kg)											
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
N-EtFOSAA	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
N-MeFOSAA	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorobutanesulfonic acid (PFBS)	~	0.00084	U	0.00079	U	0.00109		0.00082	U	0.00083	U
Perfluorodecanoic acid (PFDA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorododecanoic acid (PFDoA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoroheptanoic acid (PFHpA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorohexanoic acid (PFHxA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoro-n-butanoic acid (PFBA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorononanoic acid (PFNA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorooctanesulfonic acid (PFOS)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorooctanoic acid (PFOA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoropentanoic acid (PFPeA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorotetradecanoic acid (PFTA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluorotridecanoic acid (PFTrDA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Perfluoroundecanoic acid (PFUnA)	~	0.00084	U	0.00079	U	0.00082	U	0.00082	U	0.00083	U
Result Dectected											

Q is the Qualifier Column with definitions as follows:

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~=this indicates that no regulatory limit has been established for this analyte

Table 2
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Groundwater in Monitoring Wells MW- 1 to MW - 6

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 20B0501-01 2/13/2020 Water		MW-2 20B0501-02 2/13/2020 Water		MW-3 20B0608-01 2/14/2020 Water		MW-4 20B0608-02 2/14/2020 Water		MW-5 20B0737-01 2/19/2020 12:00:00 AM Water		MW-6 20B0608-03 2/14/2020 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER (ug/L)													
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4,5-Tetramethylbenzene	~	0.200	U	24.800		0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	0.0006	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	~	40	U	40	U	40	U	40	U	40	U	40	U
2,2-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Butanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	50	1	U	1.680	J	2.070		1.560	J	1.360	J	1	U
Acrolein	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acrylonitrile	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	1	0.200	U	0.320	J	0.200	U	0.200	U	0.200	U	0.200	U
Bromobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	0.200	U	0.200	U	0.710		0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	~	0.200	U	22.700		0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	5	0.200	U	2.470		0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	**9.430**		0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	2.190		0.350	J	0.200	U	0.200	U	0.200	U
Methylcyclohexane	~	0.200	U	33.200		0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	5	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.200	U	3.920		0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	**12.400**		0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	5	0.200	U	2.340		0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	5	0.500	U	**6.060**		0.500	U	0.500	U	0.500	U	0.500	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	4.030		0.200	U	0.200	U	0.200	U	0.200	U
Styrene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	~	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
tert-Butylbenzene	5	0.200	U	0.830		0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	2	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	**8.400**		0.600	U	0.600	U	0.600	U	0.600	U
Semi-Volatiles, 1,4-Dioxane by 8270-SIM (ug/L)													
1,4-Dioxane	~	0.200	U	0.200		0.200	U	0.200	U	0.200	U	0.200	U
SVOA, 8270 LOW MASTER (ug/L)													
1,1-Biphenyl	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,2,4,5-Tetrachlorobenzene	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,2,4-Trichlorobenzene	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,2-Dichlorobenzene	3	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,2-Diphenylhydrazine (as Azobenzene)	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,3-Dichlorobenzene	3	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
1,4-Dichlorobenzene	3	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,3,4,6-Tetrachlorophenol	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4,5-Trichlorophenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4,6-Trichlorophenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4-Dichlorophenol	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4-Dimethylphenol	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4-Dinitrophenol	10	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,4-Dinitrotoluene	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2,6-Dinitrotoluene	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2-Chloronaphthalene	10	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2-Chlorophenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2-Methylnaphthalene	~	2.780	U	136	D	2.630	U	4.440	J	2.700	U	2.560	U

Table 2
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for Groundwater in Monitoring Wells MW- 1 to MW - 6

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 20B0501-01 2/13/2020 Water		MW-2 20B0501-02 2/13/2020 Water		MW-3 20B0608-01 2/14/2020 Water		MW-4 20B0608-02 2/14/2020 Water		MW-5 20B0737-01 2/19/2020 12:00:00 AM Water		MW-6 20B0608-03 2/14/2020 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2-Methylphenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2-Nitroaniline	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
2-Nitrophenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
3- & 4-Methylphenols	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
3,3-Dichlorobenzidine	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
3-Nitroaniline	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4,6-Dinitro-2-methylphenol	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Bromophenyl phenyl ether	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Chloro-3-methylphenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Chloroaniline	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Chlorophenyl phenyl ether	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Nitroaniline	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
4-Nitrophenol	1	5.560	U	5.560	U	5.260	U	5.560	U	5.410	U	5.130	U
Acetophenone	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Aniline	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Benzaldehyde	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Benzidine	~	5.560	U	5.560	U	5.260	U	5.560	U	5.410	U	5.130	U
Benzoic acid	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Benzyl alcohol	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Benzyl butyl phthalate	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Bis(2-chloroethoxy)methane	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Bis(2-chloroethyl)ether	1	1.110	U	1.110	U	1.050	U	1.110	U	1.080	U	1.030	U
Bis(2-chloroisopropyl)ether	5	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Caprolactam	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Carbazole	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Dibenzofuran	~	2.780	U	2.780	U	2.630	U	3.980	J	2.700	U	2.560	U
Diethyl phthalate	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Dimethyl phthalate	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Di-n-butyl phthalate	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Di-n-octyl phthalate	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Hexachlorocyclopentadiene	5	5.560	U	5.560	U	5.260	U	5.560	U	5.410	U	5.130	U
Isophorone	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
N-nitroso-di-n-propylamine	~	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
N-Nitrosodiphenylamine	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Phenol	1	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
Pyridine	50	2.780	U	2.780	U	2.630	U	2.780	U	2.700	U	2.560	U
SVOA, 8270 SIM MASTER (ug/L)													
Acenaphthene	20	0.0778		1.130		2.080		5.170		0.238		0.164	
Acenaphthylene	~	0.0556	U	0.933		0.295		1		0.0541	U	0.0513	U
Anthracene	50	0.0556	U	0.267		0.505		0.689		0.0865		0.0513	U
Atrazine	~	0.556	U	0.556	U	0.526	U	0.556	U	0.541	U	0.513	U
Benzo(a)anthracene	0.002	0.0556	U	0.0556	U	0.0526	U	**0.0778**		**0.108**		0.0513	U
Benzo(a)pyrene	0.002	0.0556	U	0.0556	U	0.0526	U	**0.0556**		**0.0973**		0.0513	U
Benzo(b)fluoranthene	0.002	0.0556	U	0.0556	U	0.0526	U	**0.0556**		**0.0757**		0.0513	U
Benzo(g,h,i)perylene	~	0.0556	U	0.0556	U	0.0526	U	0.0556	U	0.0541		0.0513	U
Benzo(k)fluoranthene	0.002	0.0556	U	0.0556	U	0.0526	U	0.0556	U	**0.0757**		0.0513	U
Bis(2-ethylhexyl)phthalate	5	1.130	B	0.922	B	2.360		0.556	U	0.541	U	1.470	
Chrysene	0.002	0.0556	U	0.0556	U	0.0526	U	**0.0556**		**0.0865**		0.0513	U
Dibenzo(a,h)anthracene	~	0.0556	U	0.0556	U	0.0526	U	0.0556	U	0.0541	U	0.0513	U
Fluoranthene	50	0.0556	U	0.0556		0.305		0.811		0.292		0.0513	U
Fluorene	50	0.0667		4.440		1.650		5.190		0.108		0.144	
Hexachlorobenzene	0.04	0.0222	U	0.0222	U	0.0211	U	0.0222	U	0.0216	U	0.0205	U
Hexachlorobutadiene	0.5	0.556	U	0.556	U	0.526	U	0.556	U	0.541	U	0.513	U
Hexachloroethane	5	0.556	U	0.556	U	0.526	U	0.556	U	0.541	U	0.513	U
Indeno(1,2,3-cd)pyrene	0.002	0.0556	U	0.0556	U	0.0526	U	0.0556	U	**0.0541**		0.0513	U
Naphthalene	10	0.533	B	1.110	B	4.420		4.410		0.0541	U	0.277	
Nitrobenzene	0.4	0.278	U	0.278	U	0.263	U	0.278	U	0.270	U	0.256	U
N-Nitrosodimethylamine	~	0.556	U	0.556	U	0.526	U	0.556	U	0.541	U	0.513	U
Pentachlorophenol	1	0.278	U	0.278	U	0.263	U	0.278	U	0.270	U	0.256	U
Phenanthrene	50	0.100		1.400		0.600		5.330		0.184		0.103	
Pyrene	50	0.0556	U	0.0556	U	0.232		0.456		0.314		0.0513	U
Result Exceedance Detected													

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

~=this indicates that no regulatory limit has been established for this analyte

Table 2.1
130 Midland Avenue
Port Chester, New York

Laboratory Analytical Results for PFAS in Monitoring Wells MW-1 to MW-6

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 20B0500-01 2/13/2020 Water		MW-2 20B0500-02 2/13/2020 Water		MW-3 20B0604-01 2/14/2020 Water		MW-4 20B0604-02 2/14/2020 Water		MW-5 20B0718-01 2/19/2020 Water		MW-6 20B0604-03 2/14/2020 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List (ug/L)													
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00500	U	0.00500	U	0.0100	U	0.00500	J	0.00500	U	0.00500	U
N-EtFOSAA	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
N-MeFOSAA	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00200	J	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00200	J	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluorobutanesulfonic acid (PFBS)	~	0.00558		0.0171		0.0252	D	0.00429		0.00207		0.00235	
Perfluorodecanoic acid (PFDA)	~	0.00418		0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluorododecanoic acid (PFDoA)	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluoroheptanoic acid (PFHpA)	~	0.0131		0.00742		0.0148	D	0.0303		0.00790		0.00796	
Perfluorohexanesulfonic acid (PFHxS)	~	0.00393		0.00200	J	0.00960	D	0.00595		0.00446		0.00227	
Perfluorohexanoic acid (PFHxA)	~	0.0229		0.0247		0.0249	D	0.0355		0.0124		0.00971	
Perfluoro-n-butanoic acid (PFBA)	~	0.0122	B	0.0195	B	0.0163	BD	0.0269	B	0.00904	B	0.0115	B
Perfluorononanoic acid (PFNA)	~	0.00573		0.00200	U	0.00400	J	0.00228		0.00200	U	0.00200	J
Perfluorooctanesulfonic acid (PFOS)	~	0.0437		0.00200	J	0.0183	D	0.0218		0.00241		0.00866	
Perfluorooctanoic acid (PFOA)	~	0.0280		0.00200	J	0.0323	D	0.0212		0.00828		0.0103	
Perfluoropentanoic acid (PFPeA)	~	0.0249		0.0202		0.0182	D	0.0574		0.0174		0.0131	
Perfluorotetradecanoic acid (PFTA)	~	0.00200	J	0.00200	U	0.00400	U	0.00200	J	0.00200	U	0.00200	J
Perfluorotridecanoic acid (PFTrDA)	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Perfluoroundecanoic acid (PFUnA)	~	0.00200	U	0.00200	U	0.00400	U	0.00200	U	0.00200	U	0.00200	U
Result Detected													

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

~=this indicates that no regulatory limit has been established for this analyte

Table 3
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Vapor Points VP -1 to VP-4

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - Upper Fence	VP-1 20B0137-01 2/4/2020 Soil Vapor		VP-2 20B0137-02 2/4/2020 Soil Vapor		VP-3 20B0137-03 2/4/2020 Soil Vapor		VP-4 20B0137-04 2/4/2020 Soil Vapor	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 MASTER (ug/m3)									
1,1,1,2-Tetrachloroethane	~	12.500	U	2.460	U	11.300	U	4.290	U
1,1,1-Trichloroethane	2.5	9.940	U	**1.950**	D	**191**	D	**17**	D
1,1,2,2-Tetrachloroethane	0.4	12.500	U	2.460	U	11.300	U	4.290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.5	14	U	2.750	U	12.600	U	4.790	U
1,1,2-Trichloroethane	0.4	9.940	U	1.950	U	8.990	U	3.410	U
1,1-Dichloroethane	0.4	7.370	U	1.450	U	6.670	U	2.530	U
1,1-Dichloroethylene	0.4	1.810	U	0.355	U	1.630	U	0.619	U
1,2,4-Trichlorobenzene	0.5	13.500	U	2.660	U	12.200	U	4.640	U
1,2,4-Trimethylbenzene	9.8	8.960	U	1.760	U	8.100	U	3.070	U
1,2-Dibromoethane	0.4	14	U	2.750	U	12.700	U	4.800	U
1,2-Dichlorobenzene	0.5	11	U	2.150	U	9.910	U	3.760	U
1,2-Dichloroethane	0.4	7.370	U	1.450	U	6.670	U	2.530	U
1,2-Dichloropropane	0.4	8.420	U	1.660	U	7.620	U	2.890	U
1,2-Dichlorotetrafluoroethane	0.4	12.700	U	2.500	U	11.500	U	4.370	U
1,3,5-Trimethylbenzene	3.9	8.960	U	1.760	U	8.100	U	3.070	U
1,3-Butadiene	~	12.100	U	2.380	U	10.900	U	4.150	U
1,3-Dichlorobenzene	0.5	11	U	2.150	U	9.910	U	3.760	U
1,3-Dichloropropane	~	8.420	U	1.660	U	7.620	U	2.890	U
1,4-Dichlorobenzene	1.2	11	U	2.150	U	9.910	U	3.760	U
1,4-Dioxane	~	13.100	U	2.580	U	11.900	U	4.500	U
2-Butanone	16	5.370	U	**2.110**	D	4.860	U	1.840	U
2-Hexanone	~	14.900	U	2.930	U	13.500	U	5.120	U
3-Chloropropene	~	28.500	U	5.610	U	25.800	U	9.780	U
4-Methyl-2-pentanone	1.9	7.460	U	1.470	U	6.750	U	2.560	U
Acetone	115	**71.400**	D	**9.190**	D	7.830	U	**3.710**	D
Acrylonitrile	~	3.950	U	0.777	U	3.580	U	1.360	U
Benzene	13	5.820	U	**1.260**	D	**20**	D	2	U
Benzyl chloride	~	9.430	U	1.850	U	8.530	U	3.230	U
Bromodichloromethane	~	12.200	U	2.400	U	11	U	4.190	U
Bromoform	~	18.800	U	3.700	U	17	U	6.460	U
Bromomethane	0.5	7.070	U	1.390	U	6.400	U	2.430	U
Carbon disulfide	~	17	D	20.600	D	5.130	U	1.950	U
Carbon tetrachloride	1.3	2.870	U	0.563	U	2.590	U	0.983	U
Chlorobenzene	0.4	8.390	U	1.650	U	7.590	U	2.880	U
Chloroethane	0.4	4.810	U	0.945	U	4.350	U	1.650	U
Chloroform	1.2	8.900	U	1.750	U	8.050	U	**14.300**	D
Chloromethane	4.2	3.760	U	0.740	U	3.400	U	1.290	U
cis-1,2-Dichloroethylene	0.4	**199**	D	**1.700**	D	1.630	U	0.619	U
cis-1,3-Dichloropropylene	0.4	8.270	U	1.630	U	7.480	U	2.840	U
Cyclohexane	6.3	6.270	U	1.230	U	5.670	U	2.150	U
Dibromochloromethane	~	15.500	U	3.050	U	14	U	5.320	U
Dichlorodifluoromethane	10	**62.200**	D	**76.900**	D	**2,080**	D	**790**	D
Ethyl acetate	~	13.100	U	2.580	U	11.900	U	4.500	U
Ethyl Benzene	6.4	7.910	U	1.560	U	7.160	U	2.710	U
Hexachlorobutadiene	0.5	19.400	U	3.820	U	17.600	U	6.660	U
Isopropanol	~	8.960	U	1.760	U	8.100	U	3.070	U
Methyl Methacrylate	0.4	7.460	U	1.470	U	6.750	U	2.560	U
Methyl tert-butyl ether (MTBE)	14	6.570	U	1.290	U	5.940	U	2.250	U
Methylene chloride	16	12.700	U	2.490	U	11.400	U	4.340	U
n-Heptane	18	7.470	U	1.470	U	6.750	U	2.560	U
n-Hexane	14	6.420	U	1.260	U	5.810	U	2.200	U
o-Xylene	7.1	7.910	U	1.560	U	7.160	U	2.710	U
p- & m- Xylenes	11	15.800	U	3.110	U	14.300	U	5.430	U
p-Ethyltoluene	~	8.960	U	1.760	U	8.100	U	3.070	U
Propylene	~	3.140	U	0.616	U	2.840	U	1.080	U
Styrene	1.4	7.760	U	1.530	U	7.020	U	2.660	U
Tetrachloroethylene	2.5	**7,970**	D	**1,190**	D	**19**	D	**11.900**	D
Tetrahydrofuran	0.8	10.700	U	2.110	U	9.720	U	3.690	U
Toluene	57	6.870	U	**1.620**	D	6.210	U	2.350	U
trans-1,2-Dichloroethylene	~	10.100	D	1.420	U	6.530	U	2.480	U
trans-1,3-Dichloropropylene	~	8.270	U	1.630	U	7.480	U	2.840	U
Trichloroethylene	0.5	**98.900**	D	**41.800**	D	2.210	U	0.839	U
Trichlorofluoromethane (Freon 11)	12	10.200	U	**4.230**	D	**21.300**	D	**167**	D
Vinyl acetate	~	6.420	U	1.260	U	5.800	U	2.200	U
Vinyl bromide	~	7.970	U	1.570	U	7.210	U	2.730	U
Vinyl Chloride	0.4	1.160	U	0.229	U	1.050	U	0.399	U
Exceedance Dectected									

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 3.1
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Vapor Points VP -5 to VP-8

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - Upper Fence	VP-5 20B0137-05 2/4/2020 Soil Vapor		VP-6 20B0137-06 2/4/2020 Soil Vapor		VP-7 20B0137-07 2/4/2020 Soil Vapor		VP-8 20B0692-01 2/19/2020 Soil Vapor	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 MASTER (ug/m3)									
1,1,1,2-Tetrachloroethane	~	1.140	U	1.190	U	12.500	U	1.130	U
1,1,1-Trichloroethane	2.5	**33.700**	D	**0.944**	U	**9.940**	U	**0.898**	U
1,1,2,2-Tetrachloroethane	0.4	1.140	U	1.190	U	12.500	U	1.130	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.5	1.280	U	1.330	U	14	U	1.260	U
1,1,2-Trichloroethane	0.4	0.909	U	0.944	U	9.940	U	0.898	U
1,1-Dichloroethane	0.4	**2.090**	D	0.700	U	7.370	U	0.666	U
1,1-Dichloroethylene	0.4	0.165	U	0.171	U	1.810	U	0.163	U
1,2,4-Trichlorobenzene	0.5	1.240	U	1.280	U	13.500	U	1.220	U
1,2,4-Trimethylbenzene	9.8	**3.600**	D	**1.530**	D	8.960	U	0.809	U
1,2-Dibromoethane	0.4	1.280	U	1.330	U	14	U	1.260	U
1,2-Dichlorobenzene	0.5	1	U	1.040	U	11	U	0.990	U
1,2-Dichloroethane	0.4	0.674	U	0.700	U	7.370	U	0.666	U
1,2-Dichloropropane	0.4	0.770	U	0.799	U	8.420	U	0.761	U
1,2-Dichlorotetrafluoroethane	0.4	1.160	U	1.210	U	12.700	U	1.150	U
1,3,5-Trimethylbenzene	3.9	**1.310**	D	0.850	U	8.960	U	0.809	U
1,3-Butadiene	~	1.110	U	1.150	U	12.100	U	1.090	U
1,3-Dichlorobenzene	0.5	1	U	1.040	U	11	U	0.990	U
1,3-Dichloropropane	~	0.770	U	0.799	U	8.420	U	0.761	U
1,4-Dichlorobenzene	1.2	1	U	1.040	U	11	U	0.990	U
1,4-Dioxane	~	1.200	U	1.250	U	13.100	U	1.190	U
2-Butanone	16	**2.460**	D	**4.640**	D	**50.500**	D	**2.960**	D
2-Hexanone	~	1.360	U	1.420	U	14.900	U	1.350	U
3-Chloropropene	~	2.610	U	2.710	U	28.500	U	2.580	U
4-Methyl-2-pentanone	1.9	**2.320**	D	**3.470**	D	7.460	U	0.674	U
Acetone	115	**22.300**	D	**160**	D	**1,430**	D	**193**	D
Acrylonitrile	~	0.362	U	0.375	U	3.950	U	0.357	U
Benzene	13	**70.600**	D	**1.270**	D	5.820	U	**0.631**	D
Benzyl chloride	~	0.863	U	0.896	U	9.430	U	0.852	U
Bromodichloromethane	~	1.120	U	1.160	U	12.200	U	1.100	U
Bromoform	~	1.720	U	1.790	U	18.800	U	1.700	U
Bromomethane	0.5	0.647	U	0.672	U	7.070	U	0.639	U
Carbon disulfide	~	12.700	D	0.539	U	49.900	D	0.564	D
Carbon tetrachloride	1.3	0.262	U	**0.435**	D	**2.870**	U	**0.518**	D
Chlorobenzene	0.4	0.767	U	0.796	U	8.390	U	0.758	U
Chloroethane	0.4	**1.490**	D	0.456	U	4.810	U	0.434	U
Chloroform	1.2	**1.790**	D	0.845	U	8.900	U	0.804	U
Chloromethane	4.2	**0.344**	U	**1.180**	D	3.760	U	**1.460**	D
cis-1,2-Dichloroethylene	0.4	0.165	U	0.171	U	**2.170**	D	0.163	U
cis-1,3-Dichloropropylene	0.4	0.756	U	0.785	U	8.270	U	0.747	U
Cyclohexane	6.3	**4.650**	D	0.595	U	**17.600**	D	0.567	U
Dibromochloromethane	~	1.420	U	1.470	U	15.500	U	1.400	U
Dichlorodifluoromethane	10	**54.500**	D	**1.800**	D	9.010	U	**2.280**	D
Ethyl acetate	~	1.200	U	1.500	D	13.100	U	1.190	U
Ethyl Benzene	6.4	**1.450**	D	**0.826**	D	7.910	U	0.715	U
Hexachlorobutadiene	0.5	1.780	U	1.850	U	19.400	U	1.760	U
Isopropanol	~	1.270	D	16.800	D	8.960	U	2.270	D
Methyl Methacrylate	0.4	**2.180**	D	**14.400**	D	7.460	U	**2.560**	D
Methyl tert-butyl ether (MTBE)	14	0.601	U	0.624	U	6.570	U	0.593	U
Methylene chloride	16	**1.850**	D	**1.560**	D	12.700	U	1.140	U
n-Heptane	18	**2.320**	D	**5.960**	D	**16.400**	D	0.675	U
n-Hexane	14	**1.410**	D	**1.220**	D	**18.600**	D	**0.638**	D
o-Xylene	7.1	**3.110**	D	**0.976**	D	7.910	U	0.715	U
p- & m- Xylenes	11	**5.640**	D	**2.700**	D	15.800	U	1.430	U
p-Ethyltoluene	~	3.770	D	1.620	D	8.960	U	0.809	U
Propylene	~	0.287	U	0.298	U	3.140	U	0.283	U
Styrene	1.4	**0.710**	D	0.737	U	7.760	U	0.701	U
Tetrachloroethylene	2.5	**5.760**	D	**1.410**	D	**17.300**	D	**2.230**	D
Tetrahydrofuran	0.8	0.983	U	**1.120**	D	10.700	U	**2.670**	D
Toluene	57	**3.200**	D	**4.240**	D	6.870	U	**1.980**	D
trans-1,2-Dichloroethylene	~	0.661	U	0.686	U	7.220	U	0.653	U
trans-1,3-Dichloropropylene	~	0.756	U	0.785	U	8.270	U	0.747	U
Trichloroethylene	0.5	**0.448**	D	0.232	U	**3.920**	D	0.221	U
Trichlorofluoromethane (Freon 11)	12	**74.900**	D	**1.360**	D	10.200	U	**1.390**	D
Vinyl acetate	~	0.587	U	0.609	U	6.420	U	0.580	U
Vinyl bromide	~	0.729	U	0.757	U	7.970	U	0.720	U
Vinyl Chloride	0.4	0.106	U	0.111	U	1.160	U	0.105	U
Exceedance Dectected									

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

B=analyte found in the analysis batch blank

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

Table 3.2
130 Midland Avenue
Port Chester, New York

Laboratory Analysis of Ambient Vapor

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - Upper Fence	Indoor 20B0137-09 2/4/2020 Indoor Ambient Air		Outdoor 20B0137-10 2/4/2020 Outdoor Ambient Air	
Compound		Result	Q	Result	Q
VOA, TO15 MASTER (ug/m3)					
1,1,1,2-Tetrachloroethane	~	0.605	U	0.554	U
1,1,1-Trichloroethane	2.5	**0.481**	U	**0.440**	U
1,1,2,2-Tetrachloroethane	0.4	0.605	U	0.554	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.5	0.676	U	**0.680**	D
1,1,2-Trichloroethane	0.4	0.481	U	0.440	U
1,1-Dichloroethane	0.4	0.357	U	0.327	U
1,1-Dichloroethylene	0.4	0.245	D	0.0800	U
1,2,4-Trichlorobenzene	0.5	0.655	U	0.599	U
1,2,4-Trimethylbenzene	9.8	**4.640**	D	**1.790**	D
1,2-Dibromoethane	0.4	0.678	U	0.620	U
1,2-Dichlorobenzene	0.5	0.530	U	0.485	U
1,2-Dichloroethane	0.4	0.357	U	0.327	U
1,2-Dichloropropane	0.4	0.408	U	0.373	U
1,2-Dichlorotetrafluoroethane	0.4	0.617	U	0.564	U
1,3,5-Trimethylbenzene	3.9	**1.080**	D	**0.674**	D
1,3-Butadiene	~	0.585	U	0.536	U
1,3-Dichlorobenzene	0.5	0.530	U	0.485	U
1,3-Dichloropropane	~	0.408	U	0.373	U
1,4-Dichlorobenzene	1.2	0.530	U	0.485	U
1,4-Dioxane	~	0.636	U	0.582	U
2-Butanone	16	**1.170**	D	**1.140**	D
2-Hexanone	~	0.723	U	0.661	U
3-Chloropropene	~	1.380	U	1.260	U
4-Methyl-2-pentanone	1.9	0.361	U	**0.430**	D
Acetone	115	**78.200**	D	**10.200**	D
Acrylonitrile	~	0.191	U	0.175	U
Benzene	13	**1.240**	D	**1.160**	D
Benzyl chloride	~	0.457	U	0.418	U
Bromodichloromethane	~	0.591	U	0.541	U
Bromoform	~	0.912	U	0.834	U
Bromomethane	0.5	0.342	U	0.313	U
Carbon disulfide	~	0.275	U	0.251	U
Carbon tetrachloride	1.3	**0.499**	D	**0.558**	D
Chlorobenzene	0.4	0.406	U	0.372	U
Chloroethane	0.4	0.233	U	0.213	U
Chloroform	1.2	0.431	U	0.394	U
Chloromethane	4.2	**1.020**	D	**1.180**	D
cis-1,2-Dichloroethylene	0.4	0.0874	U	0.0800	U
cis-1,3-Dichloropropylene	0.4	0.400	U	0.366	U
Cyclohexane	6.3	**0.304**	D	**0.306**	D
Dibromochloromethane	~	0.751	U	0.687	U
Dichlorodifluoromethane	10	**2.660**	D	**1.720**	D
Ethyl acetate	~	0.763	D	0.756	D
Ethyl Benzene	6.4	**0.651**	D	**0.841**	D
Hexachlorobutadiene	0.5	0.941	U	0.861	U
Isopropanol	~	3.900	D	4.840	D
Methyl Methacrylate	0.4	**3.720**	D	**11**	D
Methyl tert-butyl ether (MTBE)	14	0.318	U	0.291	U
Methylene chloride	16	**1.870**	D	**0.897**	D
n-Heptane	18	**0.940**	D	**0.430**	D
n-Hexane	14	**0.902**	D	**0.996**	D
o-Xylene	7.1	**0.957**	D	**1.020**	D
p- & m- Xylenes	11	**2.180**	D	**2.840**	D
p-Ethyltoluene	~	5.200	D	1.980	D
Propylene	~	0.152	U	0.139	U
Styrene	1.4	**0.376**	D	**0.584**	D
Tetrachloroethylene	2.5	**295**	D	**1.200**	D
Tetrahydrofuran	0.8	0.520	U	0.476	U
Toluene	57	**3.590**	D	**4.080**	D
trans-1,2-Dichloroethylene	~	0.350	U	0.320	U
trans-1,3-Dichloropropylene	~	0.400	U	0.366	U
Trichloroethylene	0.5	**0.995**	D	0.173	D
Trichlorofluoromethane (Freon 11)	12	**5.010**	D	**1.500**	D
Vinyl acetate	~	0.311	U	0.284	U
Vinyl bromide	~	0.386	U	0.353	U
Vinyl Chloride	0.4	0.0564	U	0.0516	U
Exceedance Dectected					

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

APPENDICES

APPENDIX 1:
Geologic Logs

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-1
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	3.9	SILT and FILL (Brick, coal, slag), and GRAVEL (fine to coarse, angular); black; moist; no hydrocarbon odor
4	8	MC	-	2.5	3.1	FILL (slag and coal) to GRAVEL (coarse, angular); black; moist to wet; no hydrocarbon odor
8	12	MC	-	2.5	2.9	(8 – 11') GRAVEL (medium to coarse, angular) and SAND (medium); black; wet; no hydrocarbon odor
						(11 – 12') PEAT; black; moist; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-2
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	4	6.7	SILT and SAND (fine to medium), some FILL (brick and concrete); black; moist; no hydrocarbon odor
4	5	MC	-	2	9.5	SILT, some GRAVEL (fine to medium, angular), some FILL (brick and concrete); black; moist; no hydrocarbon odor
						**Refusal @ 5 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** GB-3 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3	6.5	SILT and FILL (brick, slag, coal and concrete); black; moist; slight hydrocarbon odor
4	8	MC	-	4	84	(4 – 6') SILT and FILL (brick, slag, coal and concrete); black; moist; slight hydrocarbon odor
						(6 – 8') PEAT, trace SAND (fine); black; moist; hydrocarbon odor
8	12	MC	-	4	7.8	PEAT, trace SAND (fine); black; moist; slight hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-4
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	55	FILL (sand (fine); silt; brick coal); black; moist; slight hydrocarbon odor
4	8	MC	-	4	75	FILL (sand (fine); silt; brick coal); black; moist; slight hydrocarbon odor
8	12	MC	-	4	201	(8 -10') FILL (sand (fine); silt; brick coal); black; moist; hydrocarbon odor
						(10 -12') PEAT, some SAND (fine to medium); dark brown; moist; hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-5
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.75	5.6	FILL (sand (fine to medium); silt; gravel (fine to medium, angular) brick, slag, coal); black; moist; slight hydrocarbon odor
4	8	MC	-	4	8	SILT and SAND (fine to medium), trace GRAVEL (fine to medium, angular); gray/dark brown; moist; no hydrocarbon odor
8	12	MC	-	4	6.2	PEAT, black to dark brown; moist; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-6
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/28/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3	5	SILT and SAND (fine) and FILL (brick and slag); black; moist; no hydrocarbon odor
4	8	MC	-	4	5.1	SAND (fine to medium), some SILT, some FILL; moist; tan; no hydrocarbon odor
8	12	MC	-	4	4.9	SAND (fine to coarse); tan; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-7
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	4	4.1	SILT, some GRAVEL (medium to coarse, angular), organics; black; moist; slight organic odor
4	8	MC	-	3	5	SILT, and SAND (coarse), some GRAVEL (medium to coarse, angular); gray to black; moist; no hydrocarbon odor
8	12	MC	-	3.5	4.5	SILT and CLAY, some SAND (fine), trace GRAVEL (medium to coarse, sub-angular); gray; wet; organic odor
12	16	MC	-	4	4.3	SILT and CLAY, some SAND (fine), trace GRAVEL (medium to coarse, sub-angular); gray; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-8
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.5	2.5	SILT, some SAND (fine), trace GRAVEL (medium to coarse, sub-rounded); black; moist; no hydrocarbon odor
4	8	MC	-	2.75	3.7	CLAY, some SILT; brown; wet; no hydrocarbon odor
8	12	MC	-	4	4	SAND (medium), some SILT, trace FILL (wood, silt); black; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-9
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.25	4.3	SILT, some SAND (fine), some GRAVEL (medium to coarse, angular), some FILL (brick and concrete); gray to brown; moist; no hydrocarbon odor
4	8	MC	-	2.5	3.7	CLAY, some SILT; brown; wet; no hydrocarbon odor
8	12	MC	-	3.5	4	(8 – 10') CLAY and SAND (fine to medium); light gray; wet; no hydrocarbon odor
						(10–12') CLAY and SILT (fine to medium); brown and black; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-10
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3	1.9	SILT, some SAND (fine), some FILL (brick, slag); black to brown; moist; no hydrocarbon odor
4	8	MC	-	3	2.1	(4 – 6') SILT, and SAND (fine); brown; wet; no hydrocarbon odor
						(6 – 8') CLAY; black; moist; no hydrocarbon odor
8	12	MC	-	4	2.6	CLAY, trace ORGANICS (Peat); gray; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-11
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54DT	**SETTING:**
SAMPLING METHOD: 2.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3.5	4.7	SILT, and SAND (fine to medium); black; moist; no hydrocarbon odor
4	8	MC	-	0.25	3.7	SILT, and SAND (fine to medium); black; moist; no hydrocarbon odor
8	12	MC	-	3	5	CLAY, and SAND (fine), trace FILL (steel cuttings/nuts and bolts); black; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey
	WELL NO.: GB-12
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 1/31/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES, Inc.	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: Manual GeoProbe	**SETTING:**
SAMPLING METHOD: 1.25" Macro Core Sampler	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0.5	2.5	MC	-	1.5	5.5	FILL (gravel (fine to coarse, sub-angular), silt, concrete, brick); tan; dry; no hydrocarbon odor
2.5	4.5	MC	-	1.5	24.8	FILL (gravel (fine to coarse, sub-angular), silt, concrete, slag, brick); tan; dry to moist; hydrocarbon odor
4.5	6.5	MC	-	1.5	8.3	FILL (gravel (fine to coarse, sub-angular), silt, concrete, slag, brick) SAND (medium); brown; dry to moist; hydrocarbon odor
6.5	7	MC	-	0.25	9.1	FILL (gravel (fine to coarse, sub-angular), silt, concrete, slag, brick), SAND (medium); brown; dry to moist; hydrocarbon odor
						**Refusal @ 7 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-1 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 15 – 15'
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**SETTING:** 15 - 3'
	CASING SIZE & TYPE: 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 5 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips
DRILLER and/or OBSERVER: PWM	**SETTING:** 3 – 0'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL**: 7 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	HSA	-	-	-	N/A
3	5	SS	67-98-41-100/4''	0.8	0	GRAVEL, COBBLES (fine to coarse, angular), some SAND (medium), some SILT; moist; white/grey; no hydrocarbon odor
5	7	SS	11-13-25-70	1.1	1.0	GRAVEL, COBBLES (fine to coarse, angular), some SAND (medium), some SILT, some FILL (wool, wood); moist; white/grey; no hydrocarbon odor
7	9	SS	41-52-54-27	1	1.3	SAND (fine to coarse), some GRAVEL (fine to coarse), trace COBBLES; grey; wet; no hydrocarbon odor
9	10	HSA	--	-	-	N/A
10	12	SS	3-4-4-6	1.5	2.0	SILT and CLAY, some ORGANICS; dark brown; wet; no hydrocarbon odor
12	14	SS	5-5-11-15	1.75	2.1	SILT and CLAY, some ORGANICS; dark brown; wet; no hydrocarbon odor
14	15	HAS	-	-	-	N/A

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-2 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 15 – 5'
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand **SETTING:** 15 - 3'
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**CASING SIZE & TYPE:** 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 5 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips, cuttings
DRILLER and/or OBSERVER: PWM	**SETTING:** 3 – 0'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP: None, manhole	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation, GB-3 Location	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	15	HSA	-	-	-	N/A

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-3 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 14 – 4'
DATE COMPLETED: 1/29/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**SETTING:** 14 - 3' **CASING SIZE & TYPE:** 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 4 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips, cuttings
DRILLER and/or OBSERVER: PWM	**SETTING:** 3 – 0'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL**:
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation, Sample collected 5 – 9'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	5	HSA	-	-	-	N/A
5	7	SS	58,33,18,23	1.5	0.8	FILL (concrete, brick, silt, sand (medium); black; moist; no hydrocarbon odor
7	9	SS	20,21,36,41	1.5	0.9	FILL (weathered rock, fill stone), SILT and SAND (fine to medium); light tan; wet; no hydrocarbon odor
9	11	SS	41,65,100/2''	1	0	SILT and SAND (fine to medium) and GRAVEL (medium to coarse, angular); light tan; wet; no hydrocarbon odor
11	13	SS	47,100/3''	0.25	1.5	FILL (weathered rock) and SILT; brown; moist to wet; no hydrocarbon odor
13	14	HSA	-	-	-	N/A
						**Refusal @ 14 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-4 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 14 – 4'
DATE COMPLETED: 1/30/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**SETTING:** 14 - 3'
	CASING SIZE & TYPE: 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 4 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips, cuttings
DRILLER and/or OBSERVER: RJD, MJS	**SETTING:** 3 – 0'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL:** 7.5 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation, Sample collected 2 – 7'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	2	HSA	-	-	-	N/A
2	4	SS	45,56,37,61	0.4	0.8	FILL (weathered rock), SILT and SAND (fine to medium), some GRAVEL (medium to coarse, sub-angular); moist; no hydrocarbon odor
4	7	SS	29,52,62,46	0.5	1.1	FILL (weathered rock), SILT and SAND (fine to medium), some GRAVEL (medium to coarse, sub-angular); moist; no hydrocarbon odor
7	14	HSA	-	-	-	N/A
						**Refusal @ 14 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-5 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 29 – 5'
DATE COMPLETED: 1/30/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**SETTING:** 29 - 3'
	CASING SIZE & TYPE: 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 5 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips, cuttings
DRILLER and/or OBSERVER: MJS	**SETTING:** 3 – 2'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL:** 7.5 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation, Sample collected 5 – 9'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	2	SS	14,28,72,61	1	1.0	FILL (concrete and brick); red/white; dry; no hydrocarbon odor
2	4	SS	41,56,30,33	1.25	1.3	FILL (silt, gravel (fine to medium, angular), brick); black; moist; no hydrocarbon odor
5	7	SS	29,52,62,46	0.5	1.1	FILL (silt, gravel (fine to medium, angular), brick); black; moist; no hydrocarbon odor
7	9	SS	13,13,12,13	1	1.1	SILT and SAND (fine), trace GRAVEL (fine to medium, angular), trace FILL (brick); black; moist to wet; no hydrocarbon odor
10	12	SS	6,6,27,93	1	0.9	PEAT; black; moist; no hydrocarbon odor
12	14	SS	42,27,31,33	1	1	SILT and SAND (fine); gray; wet; no hydrocarbon odor
14	29	HSA	-	-	-	N/A
						Refusal @ 29 ftbg

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: Kevin Leahey **WELL NO.:** MW-6 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 130 Midland Avenue Port Chester, New York	**SCREEN SIZE & TYPE**: 2'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 29 – 5'
DATE COMPLETED: 1/30/2020	**SAND PACK SIZE & TYPE:** No. 2 Filter Sand
DRILLING COMPANY: SoilTesting, Inc. Oxford, Connecticut	**SETTING:** 29 - 3' **CASING SIZE & TYPE:** 2'' Schedule 40 PVC
DRILLING METHOD: 6-inch Hollow Stem Auger	**SETTING:** 5 – 0'
SAMPLING METHOD: Split Spoon Sampler	**SEAL TYPE:** Bentonite Chips, cuttings
DRILLER and/or OBSERVER: MJS	**SETTING:** 3 – 2'
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**: Cuttings, Portland Cement
ELEVATION OF RP:	**STATIC WATER LEVEL:** 4.5 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Subsurface Investigation, Sample collected 5 – 9'	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	2	G	-	1	0	SILT, some SAND (medium), FILL (glass); dark brown and black; moist; no hydrocarbon odor
2	4	G	-	1.5	0	SILT, some SAND (medium), FILL (glass); dark brown and black; moist; no hydrocarbon odor
4	6	G	-	1	2.5	SAND (medium), some SILT; red and brown; wet; no hydrocarbon odor
6	8	G	-	1	2.5	SAND (medium), some SILT; red and brown; wet; no hydrocarbon odor
8	10	G	-	0.5	0	SAND (medium to coarse), trace GRAVEL (medium, angular) wet, brown, no hydrocarbon odor
10	12	G	-	0.5	0	SAND (medium to coarse), trace GRAVEL (medium, angular) wet, brown, no hydrocarbon odor

APPENDIX 2:

Laboratory Analytical Report

For Soil

Included as Appendix C1 of BCP Appliction

APPENDIX 3:

Laboratory Analytical Report

For Groundwater

Included as Appendix C1 of BCP Application

APPENDIX 4:

Laboratory Analytical Report

For Soil Vapor

Included as Appendix C1 of BCP Application

Appendix 5:
PM Environmental Phase I & II
Included as Exhibit B1 & B2
of BCP Application