71 New Street

SUFFOLK, NEW YORK

Final Engineering Report

NYSDEC Site Number: C152248

Prepared for:

71 New Street Huntington, LLC
36 New York Avenue
Halesite, New York 11743

Prepared by:

GEI Consultants, Inc., P.C.
1000 New York Avenue, Suite B
Huntington Station, New York 11746
631-760-9300

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CERTIFICATIONS

I, Gary Rozmus, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Design was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Design.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Design and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Gary Rozmus, of GEI Consultants, Inc., P.C. located at 110 Walt Whitman Road, Suite 204, in Huntington Station, New York, am certifying as Owner's Designated Site Representative for the Site.

Gary A. Rozmus, P.E. 056744	11/22/2022	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
Brownfield Cleanup Agreement	BCA
Brownfield Cleanup Program	BCP
Community Air Monitoring Program	CAMP
Contaminants of Concern	COC
The Construction Quality Assurance Plan	CQAP
Data Usability Summary Report	DUSR
Engineering Controls	ECs
Electronic Data Deliverable	EDD
Environmental Site Assessment	ESA
Final Engineering Report	FER
Feet Below Ground Surface	ft bgs
GEI Consulting, Inc., P.C.	GEI
Institutional controls	ICs
Micrograms per Liter	µg/L
Nanogram per Liter	ng/L
New York State Department of Environmental Conservation	NYSDEC
Occupational Safety and Health Administration	OSHA
Polychlorinated Biphenyls	PCBs
Tetrachloroethene	PCE
Perfluoroundecanoic Acids	PFAs
Photoionization Detector	PID
Personal Protective Equipment	PPE
Parts Per Million	ppm
Quality Assurance	QA
Quality Control	QC
Remedial Action	RA
Remedial Action Objectives	RAOs
Remedial Action Work Plan	RAWP
Remedial Investigation	RI
Remedial Investigation Report	RIR
Soil Cleanup Objectives	SCOs
Square Feet	sf

Acronym	Definition
Soil/Materials Management Plan	SMMP
Site Management Plan	SMP
Support of Excavation	SOE
Site Operations Plan	SOP
State Pollutant Discharge Elimination System	SPDES
Supplemental Remedial Investigation	SRI
Semi-Volatile Organic Compounds	SVOCs
Storm Water Pollution Prevention Plan	SWPPP
Target Analyte List	TAL
United States Environmental Protection Agency	USEPA
Underground Storage Tanks	USTs
Volatile Organic Compounds	VOCs

FINAL ENGINEERING REPORT

1. BACKGROUND AND SITE DESCRIPTION

71 New Street Huntington, LLC (the "Applicant") entered into a Brownfield Cleanup Agreement ("BCA") with the New York State Department of Environmental Conservation ("NYSDEC" or the "Department") in November 2017 to investigate, remediate, and redevelop a 0.31-acre property located at 71 New Street, Huntington, New York (the "Site"). The property was remediated to unrestricted use.

The Site is located at 71 New Street, Huntington, New York and is identified as Section 69, Block 5, and Lot 34 on the Suffolk County Tax Map (see Figure 1). The Site is approximately 13,120 sf in area and bounded by an office building to the north, New Street to the east, beyond which lies a parking lot, a dentist/doctor's office to the west, and a commercial building to the south occupied by a health and fitness facility. The remainder of the block that the Site occupies is developed with office buildings, dentist/doctor's offices, and residential buildings. The boundaries of the Site are fully described in Appendix A. An electronic copy of this FER with all supporting documentation is included as Appendix B.

1.1 Summary of Previous Investigations

Information regarding the Site conditions was obtained from the following reports:

- *Phase I Environmental Site Assessment* (ESA), (Middleton Environmental Inc. [MEI] February 2017).
- *Phase II Environmental Subsurface Investigation* (ESI), (GEI Consultants, Inc., P.C. [GEI] February 2017).
- *Remedial Investigation Report* (RIR), (GEI June 2018).

Copies of the previous investigation reports are provided in Appendix C.

1.1.1 MEI Phase I ESA

Recognized environmental conditions (RECs) for the Site that were identified in the Phase I ESA are provided below.

- The property manager indicated that the heating oil UST has been abandoned in-place. However, there was no documentation pertaining to any past tank tests or abandonment information. Given the fact that the

building is to be demolished in the near future, it is recommended that soil borings be extracted from the perimeter of this tank to determine if any contamination from past tank leakage has impacted the subsurface.

- MEI observed one floor drain inside the basement area of the building. The observed floor drain did not show any signs of chemical or petroleum staining. Given the past usage of the Site and the fact that the building is to be demolished in the near future, it is recommended that this floor drain be dye tested to determine discharge endpoint. If drain discharges directly to the ground or an on-site cesspool or drywell, it is recommended that a sample of the sediment from the base of the drain or cesspool/drywell should be extracted and analyzed to determine if any contamination from past embalming activities has impacted the subsurface.

1.1.2 GEI Phase II ESI

Based on the findings of the Phase II ESI, the following conclusions were provided:

Former Heating Oil UST

The geophysical survey indicated the presence of the heating oil UST on the north side of the building (see Figure 2). The size of the anomaly indicates that the tank appears to have an approximate capacity of 1,000 gallons. Three soil borings (SB-2, SB-3, and SB-4) were advanced to a depth of 15-feet below ground surface (ft bgs) adjacent to the three accessible sides of the UST and a sample was collected for laboratory analysis from SB-2.

The soils encountered in these borings were comprised of silty sand in the upper 5-feet and medium grained sand beneath. No sensory impacts were noted, and photoionization detector (PID) readings were low (below 1.5 parts per million [ppm]).

The soil sample from the 13 to 15-foot depth at SB-2 was collected for laboratory analysis for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), including CP-51 Table 3 compounds, as well as metals. No VOCs were detected above CP-51 soil cleanup levels or the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) which are applicable for a Track 1 cleanup under the New York State Brownfield Cleanup Program (BCP). The analytical results identified SVOCs marginally exceeding CP-51 soil cleanup objectives (SCOs) and UUSCOs including, benzo(k)fluoranthene at 830 micrograms per kilogram (µg/Kg) and indeno(1,2,3-cd)pyrene at 660 µg/Kg, compared to their cleanup levels of 800 µg/Kg and 500 µg/Kg, respectively. The detected concentrations do not exceed Suffolk County

Department of Health Services (SCDHS) Article 12 Action Levels for these compounds which are 3,400 µg/Kg and 16,000 µg/Kg, respectively. No exceedances of the UUSCOs for metals were identified.

Groundwater was encountered at a depth of approximately 35 ft bgs and a sample (GW-2) was collected for laboratory analysis from approximately 35-40 ft bgs at boring SB-2. The analytical results show no exceedances of the New York Ambient Water Quality Values (AWQV) for VOCs or SVOCs in the sample. Formaldehyde was detected above the AWQV of 8 micrograms per liter (µg/L) at a concentration of 62 µg/L. Eight of the eleven metals analyzed exceeded AWQVs. These metals included arsenic, barium, beryllium, cadmium, chromium, copper, lead, and nickel. It is noted that the analyses were of non-filtered samples and the results could be related to the metals being entrained on the soil particles and not representative of dissolved concentrations in the groundwater.

Drywells or Subsurface Drainage Structures

The drywells or subsurface drainage structures identified at the Site include: the suspected drywells along the north side of the Site; the basement drain and suspected associated drywell along the south side of the building; and the exterior rear stairway drain. Samples collected from these areas were analyzed for VOCs, SVOCs, metals and formaldehyde. It is noted that the groundwater metals analyses were of non-filtered samples and the results could be related to the metals being entrained on the soil particles and not representative of dissolved concentrations in the groundwater.

Suspected Drywells Along North Side of Site

The geophysical survey indicated the presence of two subsurface drainage structures along the north property boundary of the Site (see Figure 2). The shape and size of the anomalies were similar and appeared as approximate 7-foot squares. No piping was identified between these structures or the building. Based on this information and that this is a low-lying area for the Site, the structures are suspected to be former stormwater drywells.

Soil boring SB-1 was advanced immediately outside of the westernmost drywell structure with soil inspected to a depth of 15 ft bgs. The soil at SB-1 was comprised of fill, fine sand with some brick fragments to approximately 10 ft bgs, and natural fine sand with some gravel beneath. No sensory impacts were noted. An elevated PID reading of 6.7 ppm was noted in the 10 to 15-foot interval, and the soil from 12 to 14 ft bgs was

selected for laboratory analysis.

The soil analytical results did not identify any VOCs, SVOCs, or metals exceeding SCDHS Action Levels. Formaldehyde was detected at 22,000 µg/Kg, above the United States Environmental Protection Agency (USEPA) SCO of 1,000 µg/Kg, which is applicable to structures regulated under the Underground Injection Control (UIC) program. There is no BCP Track 1 SCO for formaldehyde. Two metals, arsenic at 14.4 mg/Kg and mercury at 0.22 mg/Kg, exceeded their BCP Track 1 SCOs of 13 mg/Kg and 0.18 mg/Kg, respectively.

Groundwater sample GW-1 was collected for laboratory analysis from SB-1. The analytical results show no exceedances for VOCs or SVOCs in the sample. Formaldehyde was detected above the AWQV of 8 µg/L, at a concentration of 130 µg/L. Eight of the eleven metals analyzed exceeded AWQVs. These metals included arsenic, barium, beryllium, cadmium, chromium, copper, lead, and nickel.

Basement Drain and Suspected Associated Drywell Along South Side of Building

The geophysical survey confirmed the trace of a drainage pipe extending from the basement floor drain southward towards an approximate 4-foot square geophysical anomaly outside the southern wall of the building (see Figure 2). Considering the direction of the drainage pipe and the location of this anomaly, it is suspected that the anomaly is an exterior subsurface drywell that functioned as the discharge point/receptor for the basement floor drain.

Soil boring SB-5 was conducted at an accessible location immediately outside of the suspected drywell with soil samples collected to a depth of 15 ft bgs. The material encountered in the boring was comprised of brown silty sand with gravel in the upper 5-feet, and fine to medium grained sand beneath. No sensory impacts were noted, and photoionization detector (PID) readings were low (below 1.7 ppm). The sample from the base of the boring (13 to 15 ft bgs) was selected for laboratory analysis. The soil analytical results did not identify any VOCs, SVOCs, formaldehyde, or metals exceeding SCDHS Action Levels, UUSCOs or USEPA SCO.

Groundwater sample GW-3 was collected for laboratory analysis from SB-5. The analytical results show no exceedances of VOCs or SVOCs in the sample. Formaldehyde was detected above the AWQV of 8 µg/L, at a concentration of 120 µg/L. Eight of the eleven metals analyzed exceeded AWQVs. These metals included arsenic, barium,

beryllium, cadmium, chromium, copper, lead, and nickel. The exceedances were up to two orders of magnitude above the AWQVs.

Exterior Rear Stairway Drain

A manual probe soil boring was advanced within the material at the base of this drain. The material encountered was a poorly sorted sand, with silt and gravel. No sensory impacts or elevated PID readings were noted for this material. A sample (Ext Floor Drain) from the upper foot of the base material beneath the drain was selected for laboratory analysis.

The soil analytical results did not identify any VOCs, SVOCs, formaldehyde, or metals exceeding SCDHS Action Levels, or USEPA SCO. However, two metals, copper at 72.8 mg/Kg and lead at 229 mg/Kg, exceeded their BCP Track 1 SCOs of 50 mg/Kg and 63 mg/Kg, respectively. No groundwater sample was collected in the area of this drain.

Summary of Findings and Conclusions of Phase II

Based on the findings of the Phase II ESI, the following conclusions are provided:

- The soil at the UST area was marginally impacted by SVOCs.
- The soil at a suspected drywell along the north side of the Site was impacted by formaldehyde and metals.
- The soil at the suspected drywell along the south side of the building was not impacted by VOCs, SVOCs, formaldehyde, or metals The soil at the exterior rear stairway drain had exceedances of the BCP Track 1 SCOs for two metals. No VOC, SVOC or formaldehyde impacts were identified.
- All three of the groundwater samples were impacted by formaldehyde and metals. It is noted that the metals results were of non-filtered samples and that dissolved levels in groundwater could be lower; however, the exceedances for most of the metals analyzed, as well as their concentrations, indicate that elevated metals concentrations are likely present in the groundwater.

1.1.3 GEI Remedial Investigation Report

GEI completed the Remedial Investigation (RI) of the Site in July 2018 and the RI report was submitted in November 2018. The summary of findings below is based on the RI which identified formaldehyde as a Contaminant of Concern. There is currently no established SCO by the NYSDEC for formaldehyde but, the USEPA uses an SCO of 1 milligram per kilogram (mg/Kg) for UICs.

Soil

During the RI, 12 soil borings were completed (SB-6 through SB-13 and MW-1 through MW-4) with a total of 53 samples collected. The analytical results of soil samples collected during the RI were compared to the UUSCOs and Restricted Residential Use Soil Cleanup Objectives (RRUSCOs). In addition, the results of soil samples collected at drywell locations were compared the USEPA SCO for formaldehyde. Soil samples were analyzed for the following:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260C.
- TCL SVOCs by USEPA Method 8270D.
- Target Analyte List (TAL) Metals by USEPA Method 6020B.
- Herbicides by USEPA Method 8151A.
- Pesticides by USEPA Method 8081B.
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A.
- Formaldehyde by USEPA Method 8315A.

The stratigraphy of the Site from the surface downward consisted of fill soils; glacial sand deposits; silt and low plasticity clay; and sand with silt and gravel. The fill layer extended to a maximum depth of 11.5 ft bgs, and a clay confining layer was encountered at various depths between approximately 23 to 50 ft bgs.

Exceedances of the USEPA UIC SCO for formaldehyde were identified in the two drywell areas of the Site. The maximum estimated concentration of formaldehyde detected at the location of the suspected drywells along the north side of the Site (“the northern suspected drywells”) of 2.11 mg/Kg in the 5 to 10 ft bgs interval. The formaldehyde concentration in the subsurface soil at the location of the suspected drywell along the south side of the building (“the southern suspected drywell”) reached a maximum of 12.8 mg/Kg in the 5 to 10 ft bgs interval.

Exceedances of the RRUSCOs, which are applicable for the intended Site use, were limited to one detection of lead (570 mg/Kg) in the 0 to 5 ft bgs interval of SB-13 near the southern suspected drywell. Several other compounds also exceeded the UUSCOs, but not the RRUSCOs, including two metals, two pesticides, and total polychlorinated biphenyls (PCBs) in the soil near the northern suspected drywells; three metals and two pesticides near the southern suspected drywell; and the VOC acetone in the soil across the Site.

The sources of the formaldehyde impacts are the northern suspected drywells and the southern suspected drywell. The geophysical survey conducted during the Phase II ESI traced a drainage pipe extending from the basement floor drain towards the southern suspected drywell. No source was identified for the lead impacts, and lead is naturally occurring.

Groundwater

During the RI, four groundwater samples were collected from the four monitoring wells (MW-1 through MW-4) that were installed on-Site. Groundwater samples collected during the RI were compared to the AWQVs. The groundwater samples were analyzed for the following:

- TCL VOCs by USEPA Method 8260C.
- TCL SVOCs by USEPA Method 8270D.
- Dissolved TAL Metals by USEPA Method 6020B.
- Formaldehyde by USEPA Method 8315A.
- Phenols by USEPA Method 420.
- 1,4-Dioxane by USEPA Method 8270D.
- Per- and Polyfluoroalkyl Substances (PFAS) by USEPA Method 537.

Perched water was observed in all the soil borings at approximately 21.5 to 23.5 ft bgs, above the silt and clay deposits. The regional groundwater table was observed at approximately 32 to 41 ft bgs, with recorded groundwater elevations contoured from 36.49 to 38.09 ft above mean sea level (msl). Based on the Site-specific groundwater depths and calculated elevations, groundwater flows beneath the Site in a northwesterly direction.

Groundwater exceedances of the AWQVs were limited to metals. The metals impacts, which are limited to manganese and sodium, are likely related to background conditions or road salt application.

Formaldehyde was not detected in the four groundwater samples collected around the perimeter of the Site during the RI.

Several per- and polyfluoroalkyl substances (PFAS) compounds were detected in the groundwater. Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected below the USEPA health advisory level established for drinking water. No USEPA advisory levels have been set for the remaining PFAS compounds. In accordance with the January 2021 NYSDEC PFAS Guidance document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)" (PFAS Document), PFOA or PFAS compounds should be assessed if they are above 10 nanograms per liter (ng/L) and attributable to the Site. Several detections of PFOA in on-Site monitoring wells were above 10 ng/L; however, they are not believed to be attributable to the Site as they were found in both upgradient and downgradient wells. The remaining PFAS compounds were compared to a screening level of 100 ng/L for any individual compound and 500 ng/L for the total PFAS concentration, as listed in the PFAS Document. No individual PFAS compounds were detected at a concentration above 100 ng/L, and the total PFAS concentrations were below the screening level of 500 ng/L.

Soil Vapor

Several petroleum-related, chlorinated, non-chlorinated, and refrigerant-related VOCs were detected in the soil vapor and sub-slab soil vapor samples collected beneath the former building. Many of these compounds were also detected in the indoor and outdoor air samples, but at lower concentrations. Formaldehyde was detected in the indoor air samples which were collected in the basement, where the embalming activities were formerly conducted and was also detected at similar levels in the outdoor air. Petroleum-related VOCs were generally detected at higher concentrations in the sub-slab soil vapor samples. Chlorinated VOCs were only detected in one soil vapor sample in the southwest portion of the Site, as well as the indoor and outdoor air samples. Carbon tetrachloride was detected at a concentration in the indoor air for which the New York State Department of Health (NYSDOH) Guidance matrix response would be to identify sources and resample or mitigate. The remaining chlorinated VOCs included in the NYSDOH Guidance were detected at concentrations that would require no further action.

1.1.4 February 2020 Supplemental Remedial Investigation Report

During early 2020, GEI performed a Supplemental Remedial Investigation (SRI) in response to the NYSDEC letter dated December 12, 2019. The NYSDEC letter stated that, as a result of the elevated detection limits for formaldehyde resulting from elevated turbidity levels in the samples, the NYSDEC required the resampling of the four existing on-Site monitoring wells for formaldehyde and metals. The monitoring wells (MW-1 through MW-4) were resampled on January 23 and 29, 2020.

The groundwater sample results were compared to AWQV. Formaldehyde was not detected in any of the samples. The minimum detection level (MDL)for formaldehyde during analysis was 22 µg/L.

Dissolved metals exceedances of the AWQS were detected in each of the four monitoring wells. Dissolved sodium (maximum of 68,800 µg/L in upgradient well MW-1) exceeded the AWQS in each of the four monitoring wells. Dissolved manganese (maximum of 3,211 µg/L in MW-4) exceeded the AWQS in the samples collected from MW-2 and MW-4, and dissolved iron (322 µg/L) slightly exceeded the AWQS of 300 µg/L in the sample collected from upgradient well MW-3. The dissolved metals exceedances are likely due to background conditions or are related to road salt application (sodium).

The analytical results of the groundwater samples collected during the SRI are similar to the results from the RI, with the exception of dissolved manganese exceeding the AWQS in all four wells during the RI (versus exceedances in only two wells during the SRI), and iron not exceeding the AWQS in any of the wells during the RI (versus a slight exceedance in one well during the SRI).

2. SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the RI, the following Remedial Action Objectives (RAOs) were identified for this Site. There is currently no established SCO by the NYSDEC for formaldehyde; however, the Remedial Action Work Plan, as revised in May 2020 (RAWP) referenced a SCDHS Action Level of 1 mg/kg. After the issuance of the RAWP, it was determined that SCDHS does not have an Action Level for formaldehyde, as they refer to a USEPA SCO that is specific to the UIC program of 1 mg/Kg. Therefore, only soil in the vicinity of the UICs, which include the former drywell structures at the Site, will be compared to this regulatory level.

2.1.1 Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.2 Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Remove the source of groundwater or surface water contamination.

2.1.3 Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting for existing, or the potential for, soil vapor intrusion into buildings at the Site.

2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy set forth in the May 2020 Decision Document and revised RAWP. A Track 1 cleanup was proposed for the Site, with a Track 4 contingency, if material in the top 15 ft bgs could not be removed in its entirety.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. A remedial design program to verify the components of the conceptual design and provide the details necessary for the construction, operation and maintenance, and monitoring of the remedial program.
2. Excavation of soil/fill exceeding UUSCOs listed in Table 1. There is currently no established SCO by the NYSDEC for formaldehyde but, SCDHS follows the USEPA SCO of 1 mg/kg for remediation of UICs.
3. Vapor Intrusion Evaluation: As part of the Track 1 remedy, a soil vapor intrusion (SVI) evaluation will be completed. The evaluation will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion, if warranted.

Since contaminated soil and groundwater does not remain on-Site after completion of the Remedial Action (RA), long-term Institutional and Engineering Controls (IC/ECs) are not required to protect human health and the environment.

3. INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this Site was performed as a single project, and no interim remedial measures, operable units, or separate remedial construction contracts were performed.

4. DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the remedy set forth in the May 2020 Decision Document and revised RAWP. All deviations from the RAWP are noted below.

4.1 Governing Documents

The remedial activities were completed in accordance with the approved RAWP and the following project plans:

- Site-Specific Health and Safety Plan (HASP), which was included as Appendix D of the RAWP.
- Community Air Monitoring Plan (CAMP), which was included as Appendix G of the RAWP.
- Contractors Site Operations Plan (SOP), which was included as Section 3.0 of the CQAP.
- Citizen Participation Plan (CPP), which was included as Appendix C of the RAWP.
- Construction Quality Assurance Plan (CQAP), which was included as Appendix F of the RAWP.
- Soil/Materials Management Plan (S/MMP), which was included as Section 5.4 of the RAWP.

The subsequent sections provide additional details for each project plan.

4.1.1 Site-Specific Health & Safety Plan (HASP)

All remedial work performed under this RA was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

The HASP was complied with for all remedial and invasive work performed at the Site.

4.1.2 Storm-Water Pollution Prevention Plan (SWPPP)

The Site was exempt from the NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-02-01) requirement, as the area disturbed on the Site was less than one acre in size. A SWPPP was not required.

As necessary, hay bales were placed at locations upgradient and downgradient of excavation areas to control stormwater runoff and surface water from entering or exiting the excavation to the community. Catch basin inlets and surface water immediately adjacent to the work area were protected. The erosion and sediment controls were inspected and maintained as specified by the Remedial Engineer.

4.1.3 Community Air Monitoring Plan (CAMP)

Real-time community air monitoring was performed during remedial activities at the Site which was completed on July 8, 2020. A Community Air Monitoring Plan (CAMP) is included with GEI's HASP. Particulate and VOC monitoring was performed along the downwind perimeter of the work area during remedial activities including excavation grading and soil/fill handling activities in accordance with this plan. CAMP was not conducted after September 1, 2020. Soil excavated after this date was from the western portion of the property for the building support columns. The volume of the soil for this activity was minimal and no impacts were identified in this area during the RI. Soil loadouts conducted after September 1, 2020, consisted of soil which met UUSCOs (based on waste characterization samples) which was previously screened during excavation activities.

The CAMP was generally consistent with the requirements for community air monitoring at remediation sites as established by the NYSDOH and NYSDEC. Accordingly, it followed procedures and practices outlined under NYSDEC's DER-10 Appendix 1A (NYSDOH's Generic Community Air Monitoring Plan) and Appendix 1B (Fugitive Dust and Particulate Monitoring).

CAMP results are discussed in Section 4.2.5 below.

4.1.4 Contractors Site Operations Plans (SOPs)

The Remedial Engineer reviewed all plans and submittals for this remedial project (i.e., those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the remedy selection accepted by the NYSDEC. All

remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.5 Community Participation Plan

A CPP was prepared and submitted in March 2018. A certification of mailing was sent by the Volunteer to the NYSDEC Project Manager following the distribution of all Fact Sheets and notices that includes 1) certification that the Fact Sheets were electronically submitted, 2) the date they were submitted; 3) a copy of the Fact Sheet, 4) a list of recipients (contact list); and 5) a statement that the repository was inspected and that it contained all of applicable project documents.

4.1.6 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan(s) (CQAPs) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

4.1.7 Soil/Materials Management Plan (SMMP)

A SMMP was prepared for the Site and was included in the RAWP as Section 5.4. The SMMP included detailed plans for managing all soils/materials that are disturbed at the Site, including excavation, handling, storage, transport, and disposal. It also included all the procedures that were applied to assure effective, nuisance-free performance in compliance with all applicable Federal, State, and local laws and regulations. The following key activities were specified in the RAWP:

- Soil screening methods.
- Stockpile methods.
- Material excavation and load out.
- Material transport and disposal off-Site.
- Materials reuse on-Site.
- Fluids management.
- Demarcation,

- Odor and dust control.

All of the controls that were applied to these efforts assured effective, nuisance-free performance in compliance with all applicable Federal, State, and local laws and regulations.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

The project team was comprised of the Volunteer (71 New Street Huntington, LLC) and the contractors and consultants specializing in one or more critical aspects of the project.

The project team and associated responsibilities were as follows:

- 71 New Street Huntington, LLC, Volunteer, Overall Project Management
- X-Cell Industries, Inc. (X-Cell), Remediation Contractor
    - X-Cell served as the General Remediation Contractor for the overall project and, as such, X-Cell ensured that all components of the Site activities were conducted according to the requirements of the remedial design under the direction of GEI. As the General Remediation Contractor, X-Cell had the overall responsibility of coordinating all other trades that were involved during the remedial construction phase of work and redevelopment, including waste disposal contractors, permit procurement, support of excavation (SOE) installation, etc.
- GEI Consultants, Inc., P.C. (GEI), Remedial Engineer
    - GEI coordinated all Site activities that were implemented to achieve remedial objectives of an unrestricted use (Track 1) cleanup. GEI also provided the following services:
        - Provided review of all quality control measures implemented by the contractors to ensure compliance with the Site's remedial objectives.
        - Provided supervision services for the duration of soil remediation and UST management activities.
        - Implemented the Site-specific CAMP.

4.2.2 Site Preparation

X-Cell completed mobilization and site preparation activities listed below prior to implementation of the RA:

- Identified the locations of the aboveground and underground on-Site utilities within the Site.
- Set up temporary construction utilities and facilities such as trailers, electrical service, sanitary facilities, and emergency response materials.
- Mobilized equipment and materials necessary for implementation of the RA.
- Performed asphalt and building demolition removal across the Site.

Documentation of agency approvals required by the RAWP is included in Appendix D.

NYSDEC waived the requirement for the erection of a project sign.

4.2.3 General Site Controls

Site access was controlled by a single gated entrance (a driveway on New Street). This gate was closed and locked when there was no activity on the Site. Construction fencing was installed on the entire perimeter of the Site to prevent un-authorized access.

Construction activities were performed in modified Level D personal protective equipment (PPE), which included steel-toed work boots, hard hats, safety glasses, long sleeved shirts, gloves, and high visibility clothing (e.g., reflective vest).

Soil Screening Methods

Visual, olfactory and PID soil screening and assessment were performed by a qualified environmental professional during remedial construction and portions of the redevelopment construction activities that disturbed known or potentially contaminated material at the Site. Soil screening was performed regardless of when the invasive work was done and included all excavation and invasive work performed during the remediation.

Stockpiling Methods

Excavated soils were stockpiled when necessary and were loaded from this stockpile directly into trucks. Trucks were live loaded directly from the excavation footprint when possible.

Materials Excavation and Load Out

Loaded vehicles leaving the Site were appropriately tarped, securely covered, manifested/weight ticketed and placarded in accordance with appropriate Federal, State, local and NYSDOT requirements (and all other applicable transportation requirements).

The location where vehicles entered and exited the Site was inspected daily for evidence of off-Site soil tracking.

Cleaning of the adjacent streets was performed, as needed, to maintain a clean condition with respect to Site-derived materials.

Materials Transportation and Disposal Off-Site

All materials were transported by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers were appropriately licensed, and trucks were properly placarded. Material transported by trucks exiting the Site were secured with tight-fitting covers. Loose-fitting canvas-type truck covers were prohibited. No loads containing wet material capable of producing free liquid were transported off-Site.

All soil/fill/solid waste excavated and removed from the Site was treated as contaminated and regulated material and was disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. Disposal of non-hazardous solid waste, hazardous waste, and general construction debris is discussed in Section 4.3.3.

Materials Reuse On-Site

No material generated during implementation of the RA was reused on-Site.

4.2.4 Nuisance controls

A stabilized construction entrance was installed to cover the entirety of the Site driveway to the excavation area and was the sole point of vehicle ingress and egress to the Site. The stone-based ingress-egress pathway was continuous to prevent trucks from

tracking soil into the surrounding roadways. The other purpose of the construction entrance was to avoid truck contact with impacted material during live-loading and backfilling activities.

Due to the use of the stabilized construction entrance described above, dry decontamination using brushes was the preferred method of truck decontamination since truck wheels never had direct contact with impacted materials. Prior to trucks leaving the Site, proper truck bed management was confirmed by visual means to ensure tight fitting tarps were properly installed.

4.2.5 CAMP results

Excluding two instances, all monitoring results conformed to the CAMP perimeter particulate requirement of 100 µg/m3 and the organic vapor requirement of less than five (5) ppm. The readings from the downwind PID on June 9, 2020, exceeded the 5-ppm action level; however, the readings were due to vehicle exhaust in the area. VOCs were not identified as a compound of concern at the Site. The particulate requirement of 100 µg/m3 was exceeded during one 15-minute interval at the downwind station on August 28, 2020. The exceedance was noted after remedial activities at the Site had been completed and was not sustained. CAMP data could not be downloaded for July 8, 2020, due to equipment issues. However, the data was reviewed, and no exceedances were observed as noted in the daily report. Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix E.

4.2.6 Reporting

In accordance with the BCA, monthly reports summarized the work performed during the reporting period, anticipated work activities for the following month, changes to the scope of work or schedule, sampling or other data received or generated during the reporting period, deliverables submitted during the reporting period, and RA planned for the next reporting period.

All daily and monthly reports are included in electronic format in Appendix F.

The digital photo log required by the RAWP is included in electronic format in Appendix G.

4.3 Contaminated Materials Removal

The proposed alternative chosen for the RAWP was an unrestricted use cleanup to

achieve a Track 1 remedy. The SCOs utilized during the RA was the NYSDEC Part 375 Unrestricted Use SCOs.

4.3.1 Soil Excavation

Activities associated with the RA commenced at the Site on June 4, 2020, and were completed on July 8, 2020.

The limits and depths of excavation for the separate excavation areas, which included the building foundation, the northern drywells area and the southern drywell area (which is within the footprint of the newly constructed building) are shown on Figure 3. The area of the UST excavation and removal is also shown on the figure but is discussed separately below. The excavation depths for the respective areas are as follows:

- Northern suspected drywells area: 15 ft bgs.
- Building foundation area: 10 ft bgs.
- Southern suspected drywell area (within the building foundation area): 25 ft bgs.

All contaminated soil and historic fill material excavated from the Site was transported and disposed of in accordance with all applicable federal, state, and local regulations. The Site has been excavated to remove all soil within the Site perimeter with concentrations that exceed the 6 NYCRR Table 375.6.8(b) UUSCOs, to achieve Track 1 cleanup objectives. Figure 3 depicts the excavation locations on the Site.

4.3.2 UST Excavation and Removal

The UST was uncovered on June 8, 2020, and was noted to be full of oily water. The UST measured approximately 4-feet in width and 10-feet in length and was believed to have a capacity of 1,000 gallons. The tank contents were subsequently pumped out and the UST was removed on June 18, 2020. The excavation area was approximately 6-feet in width and 15-feet in length. The excavation was extended to approximately 6 ft bgs excluding the additional excavation on the east side which was extended to approximately 9 ft bgs due an exceedance of the UUSCOs, as discussed further below.

No holes or pitting were observed in the UST upon removal and no visual or olfactory impacts or PID readings above background were observed in the soil below the UST.

4.3.3 Disposal Details

Between June 4 and July 14, 2020, 1,216.2 tons of impacted soil were excavated, transported, and disposed off-Site at Fairless Landfills in Morrisville, Pennsylvania, a NYSDEC-approved facility.

The endpoint results collected following excavation in June 2020 indicated that impacts remained in the soils above the UUSCOs (further description below). As a result, X-Cell was directed to perform additional excavation in the areas where endpoint samples exceeded the UUSCOs.

An additional 1,291.83 tons of soils were excavated and disposed of at 110 Sand Company of Melville in Melville, New York during five separate events conducted between August 26, 2020, and March 19, 2021.

Approximately 1,000 gallons of petroleum-impacted water was removed from the UST and disposed of off-Site on June 9, 2020, in preparation for UST removal.

Facility acceptance letters or correspondence, along with manifests and/or weight tickets are included as Appendix H. A trucking log of material exported from the Site is provided on Table 4.

4.4 Documentation Sampling

Documentation sampling conducted as part of or following the RA included endpoint (EP) sampling from the excavation areas, as well as indoor and ambient air sampling in the newly constructed building to determine if any impacts were present in indoor air requiring mitigation. The sample locations are shown on Figure 3 and included the northern drywells area, the southern drywell area, the former UST area, and the building footprint area. Laboratory data reports and data usability summary reports (DUSRs) are included in Appendix I.

Northern Suspected Drywells Area

A total of eight endpoint samples were collected on June 18, 2020. Six endpoint samples were taken from the sidewalls (SW-10 through SW-15) and two from the bottom of the excavation (EP-5 and EP-6). Soil analytical results were compared to NYSDEC Part the UUSCOs and SCDHS Action Levels. The analytical results of the samples from the bottom of the excavation (EP-5 and EP-6) were also compared to the USEPA SCO for formaldehyde since the soil at the bottom of the UICs would be subject to this cleanup

criterion.

None of the concentrations found in the sidewall or bottom samples exceeded the UUSCOs. Exceedances in the bottom samples were limited to formaldehyde above the USEPA SCO in EP-5 and EP-6 with estimated concentrations of 1.4 mg/Kg and 1.9 mg/Kg, respectively. The concentrations were estimated since they were detected in levels below the lowest calibration standard that the laboratory used for this method analysis.

Given that the concentrations were below the reporting limit and estimated, as well as the proximity to the property line which prevented further expansion of the excavation, no additional soil was excavated in this area. Furthermore, any potential source material identified during the RI was removed.

Southern Suspected Drywell Area

A total of three endpoint samples were collected from the base of the excavation in this area. Each of the three samples were designated as RB-Drywell with a corresponding depth (e.g., 19', 23' and 25'). Soil analytical results were compared to the UUSCOs, the SCDHS Action Levels and the USEPA SCO for formaldehyde.

Exceedances of the UUSCOs in sample RB-Drywell (19') collected on June 5, 2020, included four metals including cadmium, copper, lead and mercury. Formaldehyde did not exceed the USEPA SCO in this sample. An additional 4-feet of soil was subsequently excavated from the drywell area and a sample [RB-Drywell (23')] was collected on June 18, 2020, which was followed by the excavation of an additional 2-feet and the collection of another sample [RB-Drywell (25')] on July 8, 2020. No exceedances of the UUSCOs were identified in the subsequent samples; however, formaldehyde concentrations above the USEPA SCO were identified at 23 ft bgs (estimated at 1.1 mg/Kg) and 25 ft bgs (2.8 mg/Kg).

The excavation could not be extended farther vertically following the collection of the sample at 25 ft bgs due to the limitations of the excavation equipment and the proximity to the property line. Furthermore, the areas where higher-level detections were previously identified were removed.

Former Building Location

A total of 13 endpoint samples were collected between June 5th and June 8th,

2020. Nine endpoint samples were taken from the sidewalls (SW-1 through SW-9) and four from the bottom of the excavation (EP-1, EP-2, EP-3 and EP-4). Soil analytical results were compared to the UUSCOs.

Exceedances of the UUSCOs were limited to SW-8, located on the southwestern side of the building excavation area. Due to the exceedances, the excavation was expanded approximately 5-feet westward, and an additional sample (SW-8-2) was collected on June 19, 2020. No exceedances of the UUSCOs were noted in follow-up sample SW-8-2.

Former UST Location

A total of four endpoint samples were collected on June 19, 2020. All four endpoint samples (EP-7 through EP-10) were from the bottom of the excavation at approximately 6 ft bgs. Soil analytical results were compared to the UUSCOs, the NYSDEC CP-51 Table 3 parameters.

Exceedances of the SCOs or Action Limits were limited to lead (UUSCO) in EP-7. As a result, an additional 3-feet of excavation was performed in the area and a follow-up sample (EP-7-2) was collected on July 8, 2020. Follow-up sample EP-7-2 did not contain any exceedances of the UUSCOs.

4.5 Imported Backfill

No soil was imported to the Site for use as backfill. Material imported to the Site was limited to approximately 200-tons of Recycled Concrete Aggregate (RCA) for use as subgrade material for the asphalt parking area. Weight tickets for the imported RCA are included in Appendix J.

4.6 Contamination Remaining at the Site

The remedial work described in Section 4 removed all known and encountered impacted soils above the UUSCOs, based on the results of the post-excavation verification sampling. Following completion of the RA, no soil contamination remains at the Site above the UUSCOs. The two drywell areas on the Site were excavated to remove elevated concentrations of formaldehyde and no other related source areas were identified during the RA. Furthermore, no exceedances of the AWQVs were identified in the monitoring wells located on-Site during the RI. As a result, the BCP Track 1 standards have been met and no long-term IC/ECs are required to protect human health

and the environment.

Exceedances of the USEPA SCO for formaldehyde, which are applicable to UICs, were noted at the base of the excavation areas of the northern and southern drywells. It is noted that the detections were low and were primarily estimated due to the concentrations being detected below the lowest calibration standard that the laboratory used for this method analysis. Furthermore, formaldehyde was detected in the method blanks in each data package and may have contributed to the apparent detections as formaldehyde is a common compound that can be present in many items. No further excavation in these areas was deemed safe or practical due to safety considerations as a result of the proximity to the property boundaries, as well as equipment limitations. In addition, the areas with higher-level detections previously identified were removed and formaldehyde was not detected during the January 2022 indoor air sampling event (as discussed below).

4.7 Vapor Barrier Specifications and Post-Construction Soil Vapor Intrusion Evaluation

Consistent with the RAWP and Decision Document, contingent remedial elements, consisting of a soil vapor barrier were installed at the Site prior to completion of the soil vapor intrusion (SVI) evaluation. Potential exposure to impacted soil vapor from off-Site sources has been minimized by the installation of the vapor and water barrier as a component of the building foundation. The vapor barrier system installed at the Site consists of a 56-millimeter-thick W.R. Meadows Sealtight Mel-Rol® waterproofing membrane liner beneath the building slab and outside foundation walls. The vapor barrier system was installed in accordance with the manufacturer's specifications. The vapor barrier panels were installed in continuous strips beneath the foundation slab of the building and up the outside foundation walls. Vapor barrier panels were welded together using manufacturer specified adhesive, with a minimum overlap of 6-inches between the liner.

An SVI evaluation was conducted pursuant to a NYSDEC and NYSDOH approved work plan dated February 22, 2021. The objective of the SVI assessment is to evaluate the effectiveness of the soil remediation conducted and soil vapor barrier installed during the construction of the on-Site building by sampling the indoor air within the basement and first floor levels of the building along with an outdoor ambient air sample. Sampling was to be performed during the heating season, which is generally defined as the period between November 15th and March 31st of each year.

Sampling was initially conducted on March 30, 2021; however, due to laboratory error, the analysis was not completed. A second sampling event was conducted on January 13, 2022, which followed the protocol in the approved work plan. A limited third sampling event was conducted on February 26, 2022, based on the results of the January 2022 sampling event. A discussion of the results is provided below.

4.7.1 Air Sampling Analytical Results

January 2022 Event

The results confirm that there are no detections in indoor air of compounds related to former site operations; therefore, soil vapor intrusion of these compounds is not occurring. Formaldehyde and phenol were not detected in the indoor or outdoor air samples. While several petroleum-related, chlorinated, non-chlorinated, and refrigerant VOCs were detected in the samples collected, as shown in Table 5, these detections are not believed to be site-related and are therefore anomalous. Most of these compounds were detected in both the indoor and outdoor air samples. The petroleum-related VOCs were generally detected in indoor air; however, several were also detected in outdoor air (2,2,4-trimethylpentane, benzene, butane, heptane, and toluene), although at slightly lower concentrations.

Chlorinated VOCs were also detected in indoor and outdoor air and included carbon tetrachloride, chloromethane, dichlorodifluoromethane, tetrachloroethene (PCE), and trichloroethene (TCE). Methylene chloride was only detected in indoor air. The concentration of TCE in the basement was similar to that detected in outdoor air; however, the TCE concentration on the first floor was higher (9.6 ug/m3) and above the NYSDOH Air Guideline Value of 2 ug/m3. Since the detection in the basement and outdoor air were similar and relatively low, estimated at 0.53 ug/m3 and 0.38 ug/m3 respectively, the first floor TCE concentration is likely due to a product generally used indoors such as fabric cleaners, cleaning wipes and aerosol cleaning products. Furthermore, TCE was not detected in soil or groundwater samples during the RI and was not identified as a COC for the Site.

Other VOCs detected included the non-chlorinated solvents acetone and isopropyl alcohol, as well as Freon 22, a refrigerant-related compound. However, acetone is a typical laboratory contaminant and isopropyl alcohol is commonly detected in indoor air. The concentrations of acetone and isopropyl alcohol are within typical background levels for residential or commercial spaces and the concentrations of Freon 22 are low and

estimated, so these are not of concern.

The NYSDEC Structure Sampling Questionnaire and Building Inventory forms are provided in Appendix K.

February 2022 Event

TCE was not detected in either sample during the February 2022 event. The second sampling event was conducted on February 26, 2022, due to the TCE concentration identified in the first-floor sample from January 2022. Samples were collected from the same area as the initial event on the first floor and in the basement. Although, the detection of TCE during the initial sampling event in the basement was low (0.53 ug/m3), an additional sample was collected from this location to provide further evidence that the initial first-floor detection was not due to SVI.

No products containing TCE were identified in the inventory or were identified as being used during construction. As such, the January 2022 concentration of TCE was anomalous.

4.8 Other Engineering Controls

Other than the contingent remedial elements identified in the RAWP and Decision Document, there are no engineering controls installed at the Site.

4.9 Deviations From the Remedial Action Work Plan

During implementation of the NYSDEC-approved RAWP, two deviations occurred. Details of the deviation are provided below:

- CAMP monitoring was not conducted during all soil disturbance activities during construction which is considered a deviation. CAMP was not conducted after September 1, 2020. Soil excavated after this date was from the western portion of the property for the building support columns. The volume of the soil for this activity was minimal and no impacts were identified in this area during the RI. Soil loadouts conducted after September 1, 2020, consisted of soil which met UUSCOs (based on waste characterization samples) which was previously screened during excavation activities.
- Daily reports and several monthly reports were not submitted as required by the RAWP, which represents a deviation. All of the daily reports were previously prepared, but not submitted. These reports along with the

monthly reports that were submitted and the draft monthly reports that were not submitted have been included in the FER as Appendix F.

- A Category B data package was not provided for two samples collected on July 8, 2020. As a result, these data were not validated.

Tables

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-1		SW-2		SW-3		SW-4		SW-5		SW-6		SW-7		SW-8		SW-8-2		SW-9		SW-10	
Sampling Date		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/8/2020		6/8/2020		6/8/2020		6/19/2020		6/8/2020		6/18/2020	
Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1,1-Trichloroethane	0.68	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon	~	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1,2-Trichloroethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1-Dichloroethane	0.27	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,1-Dichloroethylene	0.33	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2,3-Trichlorobenzene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2,3-Trichloropropane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2,4-Trichlorobenzene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2,4-Trimethylbenzene	3.6	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2-Dibromoethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2-Dichlorobenzene	1.1	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,2-Dichloroethane	0.02	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	U
1,2-Dichloropropane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,3,5-Trimethylbenzene	8.4	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,3-Dichlorobenzene	2.4	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,4-Dichlorobenzene	1.8	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
1,4-Dioxane	0.1	0.0510	UJ	0.0510	UJ	0.0540	U	0.0560	UJ	0.0500	UJ	0.0500	R	0.0370	R	0.0720	R	0.0540	U	0.0540	R	0.0530	U
2-Butanone	0.12	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
2-Hexanone	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
4-Methyl-2-pentanone	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Acetone	0.05	0.00510	UJ	0.00510	UJ	0.00540	UJ	0.00560	UJ	0.00500	UJ	0.00500	UJ	0.00370	UJ	0.00720	UJ	0.00540	UJ	0.00540	UJ	0.00530	UJ
Acrolein	~	0.00510	UJ	0.00510	UJ	0.00540	UJ	0.00560	UJ	0.00500	UJ	0.00500	UJ	0.00370	UJ	0.00720	UJ	0.00540	U	0.00540	UJ	0.00530	U
Acrylonitrile	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Benzene	0.06	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Bromochloromethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Bromodichloromethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Bromoform	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Bromomethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	UJ
Carbon disulfide	~	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	UJ
Carbon tetrachloride	0.76	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	U
Chlorobenzene	1.1	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Chloroethane	~	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	UJ
Chloroform	0.37	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Chloromethane	~	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	UJ
cis-1,2-Dichloroethylene	0.25	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
cis-1,3-Dichloropropylene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Cyclohexane	~	0.00260	U	0.00260	U	0.00270	UJ	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Dibromochloromethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Dibromomethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Dichlorodifluoromethane	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	UJ
Ethyl Benzene	1	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Hexachlorobutadiene	~	0.00260	U	0.00260	U	0.00270	UJ	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Isopropylbenzene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Methyl acetate	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Methyl tert-butyl ether (MTBE)	0.93	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Methylcyclohexane	~	0.00260	U	0.00260	U	0.00270	UJ	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	UJ	0.00270	U
Methylene chloride	0.05	0.00510	U	0.00510	U	0.00570	J	0.00560	U	0.00500	U	0.00500	UJ	0.00370	UJ	0.00720	UJ	0.00540	UJ	0.00540	U	0.00530	U
n-Butylbenzene	12	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	UJ
n-Propylbenzene	3.9	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
o-Xylene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
p- & m- Xylenes	~	0.00510	U	0.00510	U	0.00540	U	0.00560	U	0.00500	U	0.00500	U	0.00370	U	0.00720	U	0.00540	U	0.00540	U	0.00530	U
p-Isopropyltoluene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
sec-Butylbenzene	11	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Styrene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
tert-Butyl alcohol (TBA)	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
tert-Butylbenzene	5.9	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Tetrachloroethylene	1.3	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Toluene	0.7	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
trans-1,2-Dichloroethylene	0.19	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
trans-1,3-Dichloropropylene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
trans-1,4-dichloro-2-butene	~	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Trichloroethylene	0.47	0.00260	U	0.00260	U	0.00270	U	0.00280	U	0.00250	U	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	U
Trichlorofluoromethane	~	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	UJ	0.00190	UJ	0.00360	UJ	0.00270	U	0.00270	UJ	0.00270	UJ
Vinyl Chloride	0.02	0.00260	UJ	0.00260	UJ	0.00270	UJ	0.00280	UJ	0.00250	UJ	0.00250	U	0.00190	U	0.00360	U	0.00270	U	0.00270	U	0.00270	UJ
Xylenes, Total	0.26	0.00770	U	0.00770	U	0.00800	U	0.00840	U	0.00750	U	0.00750	U	0.00560	U	0.0110	U	0.00810	U	0.00810	U	0.00800	U

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-1		SW-2		SW-3		SW-4		SW-5		SW-6		SW-7		SW-8		SW-8-2		SW-9		SW-10	
Sampling Date		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/8/2020		6/8/2020		6/8/2020		6/19/2020		6/8/2020		6/18/2020	
Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2		2		2		2		2		2		2		2		2		2		2	
1,1-Biphenyl	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
1,2,4,5-Tetrachlorobenzene	~	0.0896	U	0.0894	U	0.0894	U	0.0901	U	0.0851	U	0.0896	U	0.0839	U	0.0894	U	0.0846	U	0.0843	U	0.0852	UJ
1,2,4-Trichlorobenzene	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
1,2-Dichlorobenzene	1.1	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	UJ
1,3-Dichlorobenzene	2.4	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
1,4-Dichlorobenzene	1.8	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2,3,4,6-Tetrachlorophenol	~	0.0896	U	0.0894	U	0.0894	UJ	0.0901	U	0.0851	U	0.0896	U	0.0839	U	0.0894	U	0.0846	U	0.0843	U	0.0852	U
2,4,5-Trichlorophenol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2,4,6-Trichlorophenol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2,4-Dichlorophenol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2,4-Dimethylphenol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2,4-Dinitrophenol	~	0.0896	UJ	0.0894	UJ	0.0894	UJ	0.0901	UJ	0.0851	UJ	0.0896	UJ	0.0839	UJ	0.0894	UJ	0.0846	UJ	0.0843	UJ	0.0852	UJ
2,4-Dinitrotoluene	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	UJ	0.0420	UJ	0.0448	UJ	0.0424	U	0.0423	UJ	0.0427	U
2,6-Dinitrotoluene	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	UJ	0.0420	UJ	0.0448	UJ	0.0424	U	0.0423	U	0.0427	U
2-Chloronaphthalene	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2-Chlorophenol	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2-Methylnaphthalene	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2-Methylphenol	0.33	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
2-Nitroaniline	~	0.0896	UJ	0.0894	UJ	0.0894	UJ	0.0901	UJ	0.0851	UJ	0.0896	U	0.0839	UJ	0.0894	UJ	0.0846	U	0.0843	UJ	0.0852	U
2-Nitrophenol	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	U	0.0426	UJ	0.0449	UJ	0.0420	UJ	0.0448	UJ	0.0424	U	0.0423	UJ	0.0427	U
3- & 4-Methylphenols	0.33	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
3,3-Dichlorobenzidine	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	UJ	0.0420	UJ	0.0448	UJ	0.0424	U	0.0423	UJ	0.0427	U
3-Nitroaniline	~	0.0896	UJ	0.0894	UJ	0.0894	UJ	0.0901	UJ	0.0851	UJ	0.0896	UJ	0.0839	UJ	0.0894	UJ	0.0846	U	0.0843	UJ	0.0852	U
4,6-Dinitro-2-methylphenol	~	0.0896	UJ	0.0894	UJ	0.0894	UJ	0.0901	UJ	0.0851	UJ	0.0896	UJ	0.0839	UJ	0.0894	UJ	0.0846	UJ	0.0843	UJ	0.0852	U
4-Bromophenyl phenyl ether	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
4-Chloro-3-methylphenol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
4-Chloroaniline	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
4-Chlorophenyl phenyl ether	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
4-Nitroaniline	~	0.0896	UJ	0.0894	UJ	0.0894	UJ	0.0901	UJ	0.0851	UJ	0.0896	U	0.0839	UJ	0.0894	U	0.0846	U	0.0843	UJ	0.0852	U
4-Nitrophenol	~	0.0896	U	0.0894	U	0.0894	U	0.0901	U	0.0851	U	0.0896	U	0.0839	U	0.0894	U	0.0846	U	0.0843	U	0.0852	U
Acenaphthene	20	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Acenaphthylene	100	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Acetophenone	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Aniline	~	0.179	U	0.179	U	0.179	UJ	0.180	U	0.170	U	0.179	U	0.168	U	0.179	U	0.169	U	0.169	U	0.171	U
Anthracene	100	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Atrazine	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Benzaldehyde	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	UJ	0.0420	UJ	0.0448	UJ	0.0424	UJ	0.0423	UJ	0.0427	UJ
Benzidine	~	0.179	U	0.179	U	0.179	U	0.180	U	0.170	U	0.179	U	0.168	U	0.179	U	0.169	UJ	0.169	U	0.171	U
Benzo(a)anthracene	1	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.131		0.0424	U	0.0423	U	0.0427	U
Benzo(a)pyrene	1	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.172		0.0424	U	0.0423	U	0.0427	U
Benzo(b)fluoranthene	1	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.167		0.0424	U	0.0423	U	0.0427	U
Benzo(g,h,i)perylene	100	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.124		0.0424	U	0.0423	U	0.0427	U
Benzo(k)fluoranthene	0.8	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.137		0.0424	U	0.0423	U	0.0427	U
Benzoic acid	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	UJ
Benzyl alcohol	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Benzyl butyl phthalate	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.211		0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Bis(2-chloroethoxy)methane	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Bis(2-chloroethyl)ether	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Bis(2-chloroisopropyl)ether	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	UJ
Bis(2-ethylhexyl)phthalate	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Caprolactam	~	0.0896	U	0.0894	U	0.0894	U	0.0901	U	0.0851	U	0.0896	U	0.0839	U	0.0894	U	0.0846	U	0.0843	U	0.0852	U
Carbazole	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Chrysene	1	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.163		0.0424	U	0.0423	U	0.0427	U
Dibenzo(a,h)anthracene	0.33	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Dibenzofuran	7	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Diethyl phthalate	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Dimethyl phthalate	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Di-n-butyl phthalate	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Di-n-octyl phthalate	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Fluoranthene	100	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.284		0.0424	U	0.0423	U	0.0783	J
Fluorene	30	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Hexachlorobenzene	0.33	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Hexachlorobutadiene	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	UJ
Hexachlorocyclopentadiene	~	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	U	0.0420	U	0.0448	U	0.0424	UJ	0.0423	U	0.0427	U
Hexachloroethane	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Indeno(1,2,3-cd)pyrene	0.5	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.106		0.0424	U	0.0423	U	0.0427	U
Isophorone	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Naphthalene	12	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Nitrobenzene	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
N-Nitrosodimethylamine	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
N-nitroso-di-n-propylamine	~	0.0449	U	0.0448	U	0.0448	UJ	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
N-Nitrosodiphenylamine	~	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Pentachlorophenol	0.8	0.0449	UJ	0.0448	UJ	0.0448	UJ	0.0452	UJ	0.0426	UJ	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Phenanthrene	100	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.127		0.0424	U	0.0423	U	0.0427	U
Phenol	0.33	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.0448	U	0.0424	U	0.0423	U	0.0427	U
Pyrene	100	0.0449	U	0.0448	U	0.0448	U	0.0452	U	0.0426	U	0.0449	U	0.0420	U	0.249		0.0424	U	0.0423	U	0.0681	J

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-1		SW-2		SW-3		SW-4		SW-5		SW-6		SW-7		SW-8		SW-8-2		SW-9		SW-10	
Sampling Date		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/5/2020		6/8/2020		6/8/2020		6/8/2020		6/19/2020		6/8/2020		6/18/2020	
Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		5		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	UJ	0.00169	UJ	0.00176	UJ	0.00165	U	0.00167	UJ	0.00169	U
4,4'-DDE	0.0033	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	UJ	**0.00689**	J	0.00165	U	0.00167	U	0.00169	U
4,4'-DDT	0.0033	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	**0.00726**		0.00165	U	0.00167	U	0.00169	U
Aldrin	0.005	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
alpha-BHC	0.02	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	U
alpha-Chlordane	0.094	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
beta-BHC	0.036	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	UJ
Chlordane, total	~	0.0351	U	0.0352	U	0.0355	U	0.0357	U	0.0339	U	0.0353	U	0.0338	U	0.0352	U	0.0330	U	0.0334	U	0.0338	U
delta-BHC	0.04	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	U
Dieldrin	0.005	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endosulfan I	2.4	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endosulfan II	2.4	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endosulfan sulfate	2.4	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endrin	0.014	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endrin aldehyde	~	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
Endrin ketone	~	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	UJ
gamma-BHC (Lindane)	0.1	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	U	0.00167	U	0.00169	U
gamma-Chlordane	~	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	UJ
Heptachlor	0.042	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	UJ
Heptachlor epoxide	~	0.00175	U	0.00176	U	0.00177	U	0.00178	U	0.00169	U	0.00177	U	0.00169	U	0.00176	U	0.00165	UJ	0.00167	U	0.00169	UJ
Methoxychlor	~	0.00877	U	0.00881	U	0.00887	U	0.00891	U	0.00847	U	0.00883	U	0.00846	U	0.00879	U	0.00825	U	0.00834	U	0.00846	U
Toxaphene	~	0.0888	U	0.0892	U	0.0898	U	0.0902	U	0.0858	U	0.0894	U	0.0856	U	0.0890	U	0.0835	U	0.0844	U	0.0856	U
Metals, Target Analyte	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Aluminum	~	3,480	J	5,100	J	5,200	J	4,040	J	1,830	J	6,960	J	4,960	J	10,300	J	1,560	J	2,820	J	2,900	
Antimony	~	2.690	UJ	2.700	UJ	2.720	UJ	2.720	UJ	2.580	UJ	2.690	UJ	2.590	UJ	2.730	UJ	2.540	UJ	2.560	U	2.570	U
Arsenic	13	1.620	U	1.620	U	1.630	U	1.630	U	1.550	U	1.870		1.660		4.740		1.530	U	1.540	U	1.540	UJ
Barium	350	8.860	J	14.700		16.300	J	11.500	J	6.430	J	20.400		21.200		41.900		6.130		11.400		15.800	
Beryllium	7.2	0.0540	U	0.0540	U	0.0540	U	0.0540	U	0.0520	U	0.0540	U	0.0520	U	0.0550	U	0.0510	U	0.0510	U	0.0510	U
Cadmium	2.5	0.323	U	0.324	U	0.326	U	0.326	U	0.310	U	0.323	U	0.311	U	0.327	U	0.305	U	0.307	U	0.309	U
Calcium	~	187	J	226	J	197	J	384	J	205	J	543	J	816	J	3,400	J	141	J	255	J	448	
Chromium	~	5.620	J	7.620		7.050	J	6.850	J	3.620	J	9.680		6.850	J	14.400	J	2.650		4.790	J	4.530	
Cobalt	~	3.580	J	3.760	J	4.500	J	3.110	J	1.590	J	4.420	J	3.700	J	4.720	J	1.160		2.730	J	3.040	
Copper	50	4.760		7.030		7.300		9.340		3		10.400		9.500		**685**		8.620	J	4.260		3.810	
Iron	~	8,170	J	11,000	J	11,000	J	13,700	J	6,160	J	11,100	J	10,200		12,100	J	3,270	J	8,020	J	5,370	
Lead	63	2.180	J	3.980	J	4.800	J	33.600	J	1.140	J	14.500	J	53.900	J	**341**		0.959		6.720		5.100	
Magnesium	~	850	J	1,140		1,100	J	911	J	386	J	1,290	J	977	J	1,940	J	327	J	626		701	
Manganese	1600	132	J	145	J	214	J	241	J	116	J	147	J	183	J	188	J	61	J	177		146	
Nickel	30	3.800		5.980		5.620		4.770		1.710		7.190	J	5.330	J	12	J	1.790	J	3.360	J	3.830	
Potassium	~	294	J	403	J	400	J	457	J	209	J	432	J	394	J	477	J	159		177	J	357	
Selenium	3.9	2.690	U	2.700	U	2.720	U	2.720	U	2.580	U	2.690	U	2.590	U	2.730	U	2.540	U	2.560	U	2.570	U
Silver	2	0.539	U	0.539	U	0.543	U	0.544	U	0.517	U	0.539	UJ	0.518	UJ	0.545	UJ	0.509	UJ	0.512	UJ	0.514	U
Sodium	~	53.900	U	53.900	U	54.300	U	54.400	U	51.700	U	53.900	U	51.800	U	61.500		50.900	U	51.200	U	51.400	U
Thallium	~	2.690	U	2.700	U	2.720	U	2.720	U	2.580	U	2.690	U	2.590	U	2.730	U	2.540	U	2.560	U	2.570	U
Vanadium	~	8.480	J	12.200	J	11.800	J	11.500	J	4.860	J	13.700	J	10.500	J	27.200	J	3.370		6.590	J	6.280	
Zinc	109	13.200	J	18.600	J	16.400	J	18.500	J	6.510	J	21.800	J	38.600	J	68.400	J	14.800		21.100	J	11.100	
Mercury by 7473	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Mercury	0.18	0.0323	U	0.0324	U	0.0326	U	0.0326	U	0.0310	U	0.0323	U	0.0311	U	0.156		0.0305	U	0.0307	U	0.0309	U
Cyanide, Total	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1				1			
Cyanide, total	27	0.539	U	0.539	U	0.543	U	0.544	U	0.517	U	0.539	UJ	0.518	UJ	0.545	UJ	NT		0.512	UJ	NT	
Total Solids		%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
% Solids	~	92.800		92.700		92.100		92		96.700		92.800		96.500		91.700		98.300		97.600		97.200	
Herbicides, Target List	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
2,4,5-T	~	0.0214	U	0.0212	U	0.0216	U	0.0215	U	0.0204	U	0.0215	U	0.0205	U	0.0215	U	0.0203	U	0.0200	U	0.0204	U
2,4,5-TP (Silvex)	3.8	0.0214	U	0.0212	U	0.0216	U	0.0215	U	0.0204	U	0.0215	U	0.0205	U	0.0215	U	0.0203	U	0.0200	U	0.0204	U
2,4-D	~	0.0214	U	0.0212	U	0.0216	U	0.0215	U	0.0204	U	0.0215	U	0.0205	U	0.0215	U	0.0203	U	0.0200	U	0.0204	U
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1221	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1232	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1242	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1248	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1254	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Aroclor 1260	~	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Total PCBs	0.1	0.0177	U	0.0178	U	0.0179	U	0.0180	U	0.0171	U	0.0178	U	0.0171	U	0.0178	U	0.0167	U	0.0168	U	0.0171	U
Formaldehyde by 8315A	~	**2.3**		**2.9**		**2.3**		**2.3**		**2.5**		NA		NA		NA		**1.4**	J	NA		2.1	U

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-11		SW-12		SW-13		SW-14		SW-15		EP-1		EP-2		EP SW-XX		EP-3		EP-4		EP-SW-XX-061820	
Sampling Date		6/18/2020		6/18/2020		6/18/2020		6/18/2020		6/18/2020		6/5/2020		6/5/2020		6/5/2020		6/8/2020		6/8/2020		6/18/2020	
Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
1,1,1-Trichloroethane	0.68	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
1,1,2,2-Tetrachloroethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,1,2-Trichloroethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,1-Dichloroethane	0.27	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,1-Dichloroethylene	0.33	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2,3-Trichlorobenzene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2,3-Trichloropropane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2,4-Trichlorobenzene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dibromo-3-chloropropane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
1,2-Dibromoethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
1,2-Dichlorobenzene	1.1	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dichloroethane	0.02	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	UJ	0.00240	UJ	0.00280	U
1,2-Dichloropropane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,3-Dichlorobenzene	2.4	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,4-Dichlorobenzene	1.8	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
1,4-Dioxane	0.1	0.0470	U	0.0550	U	0.0560	U	0.0780	U	0.0560	U	0.0510	UJ	0.0540	UJ	0.0580	R	0.0450	R	0.0480	R	0.0570	U
2-Butanone	0.12	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
2-Hexanone	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
4-Methyl-2-pentanone	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Acetone	0.05	0.00470	UJ	0.0390	J	0.00560	UJ	0.00780	UJ	0.00560	UJ	0.00510	UJ	0.00540	UJ	0.00580	U	0.00450	UJ	0.00480	UJ	0.00570	UJ
Acrolein	~	0.00470	U	0.00550	U	0.00560	U	0.00780	U	0.00560	U	0.00510	UJ	0.00540	UJ	0.00580	UJ	0.00450	UJ	0.00480	UJ	0.00570	U
Acrylonitrile	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Benzene	0.06	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Bromochloromethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Bromodichloromethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
Bromoform	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
Bromomethane	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	U	0.00270	U	0.00290	UJ	0.00230	UJ	0.00240	UJ	0.00280	UJ
Carbon disulfide	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	U	0.00240	U	0.00280	UJ
Carbon tetrachloride	0.76	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	UJ	0.00240	UJ	0.00280	U
Chlorobenzene	1.1	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Chloroethane	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	UJ	0.00240	UJ	0.00280	UJ
Chloroform	0.37	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Chloromethane	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	U	0.00240	U	0.00280	UJ
cis-1,2-Dichloroethylene	0.25	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
cis-1,3-Dichloropropylene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Cyclohexane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Dibromochloromethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Dibromomethane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Dichlorodifluoromethane	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	U	0.00270	U	0.00290	UJ	0.00230	UJ	0.00240	UJ	0.00280	UJ
Ethyl Benzene	1	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Hexachlorobutadiene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
Isopropylbenzene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Methyl acetate	~	0.00240	U	0.00490	J	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Methylcyclohexane	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Methylene chloride	0.05	0.00470	U	0.00550	U	0.00560	U	0.00780	U	0.00560	U	0.00510	U	0.00540	U	0.00580	UJ	0.00450	UJ	0.00480	UJ	0.00570	U
n-Butylbenzene	12	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	U	0.00270	U	0.00290	U	0.00230	UJ	0.00240	UJ	0.00280	UJ
n-Propylbenzene	3.9	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
o-Xylene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
p- & m- Xylenes	~	0.00470	U	0.00550	U	0.00560	U	0.00780	U	0.00560	U	0.00510	U	0.00540	U	0.00580	U	0.00450	U	0.00480	U	0.00570	U
p-Isopropyltoluene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
sec-Butylbenzene	11	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Styrene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
tert-Butyl alcohol (TBA)	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
tert-Butylbenzene	5.9	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Tetrachloroethylene	1.3	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	UJ	0.00230	U	0.00240	U	0.00280	U
Toluene	0.7	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00530	J
trans-1,2-Dichloroethylene	0.19	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
trans-1,3-Dichloropropylene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
trans-1,4-dichloro-2-butene	~	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Trichloroethylene	0.47	0.00240	U	0.00280	U	0.00280	U	0.00390	U	0.00280	U	0.00260	U	0.00270	U	0.00290	U	0.00230	U	0.00240	U	0.00280	U
Trichlorofluoromethane	~	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	UJ	0.00270	UJ	0.00290	UJ	0.00230	UJ	0.00240	UJ	0.00280	UJ
Vinyl Chloride	0.02	0.00240	UJ	0.00280	UJ	0.00280	UJ	0.00390	UJ	0.00280	UJ	0.00260	UJ	0.00270	UJ	0.00290	U	0.00230	U	0.00240	U	0.00280	UJ
Xylenes, Total	0.26	0.00710	U	0.00830	U	0.00840	U	0.0120	U	0.00840	U	0.00770	U	0.00810	U	0.00870	U	0.00680	U	0.00730	U	0.00850	U

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-11		SW-12		SW-13		SW-14		SW-15		EP-1		EP-2		EP SW-XX		EP-3		EP-4		EP-SW-XX-061820	
Sampling Date		6/18/2020		6/18/2020		6/18/2020		6/18/2020		6/18/2020		6/5/2020		6/5/2020		6/5/2020		6/8/2020		6/8/2020		6/18/2020	
Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2		2		2		2		2		2		2		2		2		2		2	
1,1-Biphenyl	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
1,2,4,5-Tetrachlorobenzene	~	0.0853	UJ	0.0855	UJ	0.0887	UJ	0.0973	UJ	0.0860	UJ	0.0852	U	0.0878	U	0.0866	U	0.0844	U	0.0844	U	0.0843	UJ
1,2,4-Trichlorobenzene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
1,2-Dichlorobenzene	1.1	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0427	UJ	0.0429	UJ	0.0444	UJ	0.0488	UJ	0.0431	UJ	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	UJ
1,3-Dichlorobenzene	2.4	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
1,4-Dichlorobenzene	1.8	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2,3,4,6-Tetrachlorophenol	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	U	0.0878	U	0.0866	U	0.0844	U	0.0844	U	0.0843	U
2,4,5-Trichlorophenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2,4,6-Trichlorophenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2,4-Dichlorophenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2,4-Dimethylphenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	UJ
2,4-Dinitrophenol	~	0.0853	UJ	0.0855	UJ	0.0887	UJ	0.0973	UJ	0.0860	UJ	0.0852	U	0.0878	U	0.0866	UJ	0.0844	UJ	0.0844	UJ	0.0843	U
2,4-Dinitrotoluene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	UJ	0.0423	U	0.0423	UJ	0.0422	U
2,6-Dinitrotoluene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	UJ	0.0423	U	0.0423	UJ	0.0422	U
2-Chloronaphthalene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2-Chlorophenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2-Methylnaphthalene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2-Methylphenol	0.33	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
2-Nitroaniline	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	UJ	0.0878	UJ	0.0866	UJ	0.0844	UJ	0.0844	UJ	0.0843	U
2-Nitrophenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	UJ	0.0434	UJ	0.0423	UJ	0.0423	UJ	0.0422	U
3- & 4-Methylphenols	0.33	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
3,3-Dichlorobenzidine	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	UJ	0.0434	UJ	0.0423	UJ	0.0423	UJ	0.0422	U
3-Nitroaniline	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	UJ	0.0878	UJ	0.0866	UJ	0.0844	UJ	0.0844	UJ	0.0843	U
4,6-Dinitro-2-methylphenol	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	UJ	0.0878	UJ	0.0866	UJ	0.0844	UJ	0.0844	UJ	0.0843	U
4-Bromophenyl phenyl ether	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
4-Chloro-3-methylphenol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
4-Chloroaniline	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
4-Chlorophenyl phenyl ether	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
4-Nitroaniline	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	UJ	0.0878	UJ	0.0866	UJ	0.0844	UJ	0.0844	UJ	0.0843	U
4-Nitrophenol	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	UJ	0.0878	U	0.0866	U	0.0844	U	0.0844	U	0.0843	U
Acenaphthene	20	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Acenaphthylene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Acetophenone	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Aniline	~	0.171	U	0.171	U	0.178	U	0.195	U	0.172	U	0.171	U	0.176	U	0.173	U	0.169	U	0.169	U	0.169	U
Anthracene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Atrazine	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzaldehyde	~	0.0427	UJ	0.0429	UJ	0.0444	UJ	0.0488	UJ	0.0431	UJ	0.0427	UJ	0.0440	UJ	0.0434	UJ	0.0423	UJ	0.0423	U	0.0422	UJ
Benzidine	~	0.171	U	0.171	U	0.178	U	0.195	U	0.172	U	0.171	U	0.176	U	0.173	U	0.169	U	0.169	U	0.169	U
Benzo(a)anthracene	1	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzo(a)pyrene	1	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0468	J	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzo(b)fluoranthene	1	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzo(g,h,i)perylene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzo(k)fluoranthene	0.8	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzoic acid	~	0.0427	UJ	0.0429	UJ	0.0444	UJ	0.0488	UJ	0.0431	UJ	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	UJ
Benzyl alcohol	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Benzyl butyl phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Bis(2-chloroethoxy)methane	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Bis(2-chloroethyl)ether	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Bis(2-chloroisopropyl)ether	~	0.0427	UJ	0.0429	UJ	0.0444	UJ	0.0488	UJ	0.0431	UJ	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	UJ
Bis(2-ethylhexyl)phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Caprolactam	~	0.0853	U	0.0855	U	0.0887	U	0.0973	U	0.0860	U	0.0852	U	0.0878	U	0.0866	U	0.0844	U	0.0844	U	0.0843	U
Carbazole	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Chrysene	1	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0461	J	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Dibenzo(a,h)anthracene	0.33	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Dibenzofuran	7	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Diethyl phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Dimethyl phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Di-n-butyl phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Di-n-octyl phthalate	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Fluoranthene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0894		0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Fluorene	30	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Hexachlorobenzene	0.33	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	UJ	0.0440	UJ	0.0434	UJ	0.0423	U	0.0423	U	0.0422	U
Hexachlorobutadiene	~	0.0427	UJ	0.0429	UJ	0.0444	UJ	0.0488	UJ	0.0431	UJ	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	UJ
Hexachlorocyclopentadiene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	UJ	0.0440	UJ	0.0434	UJ	0.0423	U	0.0423	U	0.0422	U
Hexachloroethane	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Indeno(1,2,3-cd)pyrene	0.5	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Isophorone	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Naphthalene	12	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Nitrobenzene	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
N-Nitrosodimethylamine	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
N-nitroso-di-n-propylamine	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
N-Nitrosodiphenylamine	~	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Pentachlorophenol	0.8	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	UJ	0.0440	UJ	0.0434	UJ	0.0423	U	0.0423	U	0.0422	U
Phenanthrene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Phenol	0.33	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0431	U	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U
Pyrene	100	0.0427	U	0.0429	U	0.0444	U	0.0488	U	0.0605	J	0.0427	U	0.0440	U	0.0434	U	0.0423	U	0.0423	U	0.0422	U

Table 1.
Endpoint Soil Data - Building Foundation and Drywell Excavation Sidewalls
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID / Sampling Date / Matrix / Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SW-11 6/18/2020 Soil		SW-12 6/18/2020 Soil		SW-13 6/18/2020 Soil		SW-14 6/18/2020 Soil		SW-15 6/18/2020 Soil		EP-1 6/5/2020 Soil		EP-2 6/5/2020 Soil		EP SW-XX 6/5/2020 Soil		EP-3 6/8/2020 Soil		EP-4 6/8/2020 Soil		EP-SW-XX-061820 6/18/2020 Soil	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		5		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	UJ	0.00165	UJ	0.00167	U
4,4'-DDE	0.0033	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
4,4'-DDT	0.0033	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Aldrin	0.005	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
alpha-BHC	0.02	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
alpha-Chlordane	0.094	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
beta-BHC	0.036	0.00167	UJ	0.00168	UJ	0.00175	UJ	0.00192	UJ	0.00170	UJ	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	UJ
Chlordane, total	~	0.0334	U	0.0336	U	0.0351	U	0.0384	U	0.0340	U	0.0337	U	0.0344	U	0.0344	U	0.0337	U	0.0331	U	0.0335	U
delta-BHC	0.04	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Dieldrin	0.005	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endosulfan I	2.4	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endosulfan II	2.4	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endosulfan sulfate	2.4	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endrin	0.014	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endrin aldehyde	~	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
Endrin ketone	~	0.00167	UJ	0.00168	UJ	0.00175	UJ	0.00192	UJ	0.00170	UJ	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	UJ
gamma-BHC (Lindane)	0.1	0.00167	U	0.00168	U	0.00175	U	0.00192	U	0.00170	U	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	U
gamma-Chlordane	~	0.00167	UJ	0.00168	UJ	0.00175	UJ	0.00192	UJ	0.00170	UJ	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	UJ
Heptachlor	0.042	0.00167	UJ	0.00168	UJ	0.00175	UJ	0.00192	UJ	0.00170	UJ	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	UJ
Heptachlor epoxide	~	0.00167	UJ	0.00168	UJ	0.00175	UJ	0.00192	UJ	0.00170	UJ	0.00169	U	0.00172	U	0.00172	U	0.00169	U	0.00165	U	0.00167	UJ
Methoxychlor	~	0.00835	U	0.00840	U	0.00877	U	0.00960	U	0.00851	U	0.00843	U	0.00860	U	0.00859	U	0.00843	U	0.00827	U	0.00837	U
Toxaphene	~	0.0845	U	0.0850	U	0.0888	U	0.0971	U	0.0861	U	0.0853	U	0.0870	U	0.0870	U	0.0854	U	0.0837	U	0.0847	U
Metals, Target Analyte	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Aluminum	~	1,960		2,350		1,820		7,690		2,960		1,550	J	1,790	J	1,750	J	4,800		1,660	J	2,010	
Antimony	~	2.560	U	2.570	U	2.680	U	2.930	U	2.590	U	2.590	UJ	2.640	U	2.610	UJ	2.580	U	2.540	UJ	2.550	U
Arsenic	13	1.540	UJ	1.540	UJ	1.610	UJ	1.760	UJ	1.680	J	1.550	U	1.580	U	1.570	U	1.550	U	1.520	U	1.530	UJ
Barium	350	9.500		9.670		8.330		47.400		12.200		4.680	J	6.540	J	6.440	J	17.600		6.560		7.850	
Beryllium	7.2	0.0510	U	0.0510	U	0.0540	U	0.0590	U	0.0520	U	0.0520	U	0.0530	U	0.0520	U	0.0520	U	0.0510	U	0.0510	U
Cadmium	2.5	0.308	U	0.309	U	0.322	U	0.351	U	0.310	U	0.311	U	0.317	U	0.313	U	0.310	U	0.305	U	0.306	U
Calcium	~	325		244		262		728		801		123	J	265	J	101	J	465	J	110	J	231	
Chromium	~	3.520		4.790		2.790		11.600		4.350		1.790	J	3.660	J	3.870	J	7.730	J	2.160	J	3	
Cobalt	~	2		2.190		1.730		6.820		1.830		1.070	J	1.750	J	1.840	J	3.770	J	1.900	J	1.760	
Copper	50	2.590		3.490		2.590		7.500		7.050		2.110		4		3.380		14.200		32.300		2.600	
Iron	~	6,680		5,380		3,820		11,100		5,840		2,360	J	5,210	J	4,850	J	10,000	J	3,870	J	4,570	
Lead	63	1.670		1.750		1.340		4.950		11		1.030	J	1.210	J	1.490	J	21.700	J	1.400	J	1.220	
Magnesium	~	516		580		573		2,000		634		317	J	444	J	320	J	1,310	J	345	J	441	
Manganese	1600	160		149		82.600		322		77.800		44.800	J	134	J	134	J	173	J	110	J	97.500	
Nickel	30	3.480		3.300		1.910	J	9.270		3.400		1.040	U	2	U	1.690	U	6.550	J	2.400	J	2.380	
Potassium	~	256		279		240		906		299		169	J	165	J	184	J	342	J	163	J	234	
Selenium	3.9	2.560	U	2.570	U	2.680	U	2.930	U	2.590	U	2.590	U	2.640	U	2.610	U	2.580	U	2.540	U	2.550	U
Silver	2	0.513	U	0.514	U	0.537	U	0.585	U	0.517	U	0.518	U	0.528	U	0.522	U	0.516	UJ	0.508	U	0.510	U
Sodium	~	51.300	U	51.400	U	53.700	U	58.500	U	51.700	U	51.800	U	52.800	U	52.200	U	51.600	U	50.800	U	51	U
Thallium	~	2.560	U	2.570	U	2.680	U	2.930	U	2.590	U	2.590	U	2.640	U	2.610	U	2.580	U	2.540	U	2.550	U
Vanadium	~	5.180		5.730		4.330		15.300		6.040		2.340	J	4.880	J	4.610	J	14.800	J	3.200	J	4.360	
Zinc	109	8.480		8.260		9.940		22.900		14.500		5.340	J	7.330	J	8.060	J	28	J	9.580	J	6.090	
Mercury by 7473	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Mercury	0.18	0.0308	U	0.0309	U	0.0322	U	0.0351	U	0.0690		0.0311	U	0.0317	U	0.0313	U	0.0310	U	0.0305	U	0.0306	U
Cyanide, Total	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor												1		1		1		1		1			
Cyanide, total	27	NT		NT		NT		NT		NT		0.518	U	0.528	U	0.522	U	0.516	UJ	0.508	UJ	NT	
Total Solids		%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
% Solids	~	97.500		97.200		93.100		85.400		96.600		96.600		94.700		95.700		96.800		98.400		98	
Herbicides, Target List	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
2,4,5-T	~	0.0201	U	0.0205	U	0.0211	U	0.0231	U	0.0206	U	0.0205	U	0.0210	U	0.0207	U	0.0206	U	0.0202	U	0.0202	U
2,4,5-TP (Silvex)	3.8	0.0201	U	0.0205	U	0.0211	U	0.0231	U	0.0206	U	0.0205	U	0.0210	U	0.0207	U	0.0206	U	0.0202	U	0.0202	U
2,4-D	~	0.0201	U	0.0205	U	0.0211	U	0.0231	U	0.0206	U	0.0205	U	0.0210	U	0.0207	U	0.0206	U	0.0202	U	0.0202	U
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1221	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1232	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1242	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1248	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1254	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Aroclor 1260	~	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Total PCBs	0.1	0.0169	U	0.0170	U	0.0177	U	0.0194	U	0.0172	U	0.0170	U	0.0174	U	0.0173	U	0.0170	U	0.0167	U	0.0169	U
Formaldehyde by 8315A	~	**1.2**	J	**2**	J	**1.2**	J	2.1	U	**1.9**	J	**3**		2.1	U	**2.3**		NA		NA		**1.3**	

NOTES:
UUSCO Exceedences are colored
Q is the Qualifier Column with definitions as follows:
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
D=data rejected
NA=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 2.
Endpoint Soil Data - Drywell Bottoms
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID Sampling Date Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SCDHS Action Levels	EPA Soil Cleanup Objective	EP-5 6/18/2020 1:15:00 PM Soil		EP-6 6/18/2020 1:20:00 PM Soil		RB-Drywell (19) 6/5/2020 9:45:00 AM Soil		RB-Drywell (23) 6/18/2020 1:30:00 PM Soil		RB-Drywell (25') 7/8/2020 8:30:00 AM Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	0.6	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
1,1,1-Trichloroethane	0.68	1.4	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	0.8	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	12.0	~	0.00250	UJ	0.00320	UJ	0.00290	U	0.00250	UJ	0.00270	U
1,1,2-Trichloroethane	~	0.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,1-Dichloroethane	0.27	0.6	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,1-Dichloroethylene	0.33	0.6	~	0.00250	UJ	0.00320	UJ	0.00290	U	0.00250	UJ	0.00270	U
1,1-Dichloropropylene	~	0.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2,3-Trichlorobenzene	~	17.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2,3-Trichloropropane	~	0.1	~	0.00250	UJ	0.00320	UJ	0.00290	U	0.00250	UJ	0.00270	U
1,2,4,5-Tetramethylbenzene	~	18.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2,4-Trichlorobenzene	~	17.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2,4-Trimethylbenzene	3.6	7.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	0.1	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
1,2-Dibromoethane	~	0.6	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
1,2-Dichlorobenzene	1.1	2.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,2-Dichloroethane	0.02	0.1	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
1,2-Dichloropropane	~	0.1	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,3,5-Trimethylbenzene	8.4	16.8	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,3-Dichlorobenzene	2.4	4.8	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,3-Dichloropropane	~	0.6	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
1,4-Dichlorobenzene	1.8	3.6	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
2,2-Dichloropropane	~	0.6	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
2-Butanone	0.12	0.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
2-Chlorotoluene	~	5.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
2-Hexanone	~	13.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
4-Chlorotoluene	~	5.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
4-Methyl-2-pentanone	~	1.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Acetone	0.05	~	~	0.00490	U	0.00900	J	0.00570	U	0.00790	J	0.00550	U
Benzene	0.06	0.1	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Bromobenzene	~	2.8	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Bromochloromethane	~	0.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Bromodichloromethane	~	4.6	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
Bromoform	~	13.0	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
Bromomethane	~	~	~	0.00250	UJ	0.00320	UJ	0.00290	UJ	0.00250	UJ	0.00270	U
Carbon tetrachloride	0.76	1.6	~	0.00250	UJ	0.00320	UJ	0.00290	UJ	0.00250	UJ	0.00270	U
Chlorobenzene	1.1	2.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Chloroethane	~	0.4	~	0.00250	UJ	0.00320	UJ	0.00290	U	0.00250	UJ	0.00270	U
Chloroform	0.37	0.8	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
cis-1,2-Dichloroethylene	0.25	0.5	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
cis-1,3-Dichloropropylene	~	0.1	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Dibromochloromethane	~	6.2	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
Dibromomethane	~	0.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Dichlorodifluoromethane	~	0.6	~	0.00250	UJ	0.00320	UJ	0.00290	UJ	0.00250	UJ	0.00270	U
Ethyl Benzene	1	2.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Hexachlorobutadiene	~	54.0	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
Isopropylbenzene	~	9.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Methyl tert-butyl ether (MTBE)	0.93	0.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Methylene chloride	0.05	0.1	~	0.00490	UJ	0.00640	UJ	0.00570	UJ	0.00500	UJ	0.00550	U
Naphthalene	12	24.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
n-Butylbenzene	12	12.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
n-Propylbenzene	3.9	8.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
o-Xylene	~	~	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
p- & m- Xylenes	~	~	~	0.00490	U	0.00640	U	0.00570	U	0.00500	U	0.00550	U
p-Diethylbenzene	~	52.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
p-Ethyltoluene	~	9.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
p-Isopropyltoluene	~	22.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
sec-Butylbenzene	11	12.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Styrene	~	9.2	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
tert-Butylbenzene	5.9	12.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Tetrachloroethylene	1.3	2.6	~	0.00250	U	0.00320	U	0.00290	UJ	0.00250	U	0.00270	U
Toluene	0.7	3.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
trans-1,2-Dichloroethylene	0.19	0.4	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
trans-1,3-Dichloropropylene	~	0.1	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Trichloroethylene	0.47	1.0	~	0.00250	U	0.00320	U	0.00290	U	0.00250	U	0.00270	U
Trichlorofluoromethane	~	1.6	~	0.00250	UJ	0.00320	UJ	0.00290	UJ	0.00250	UJ	0.00270	U
Vinyl Chloride	0.02	0.1	~	0.00250	UJ	0.00320	UJ	0.00290	U	0.00250	UJ	0.00270	U
Xylenes, Total	0.26	3.2	~	0.00740	U	0.00960	U	0.00860	U	0.00760	U	0.00820	U

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71 New Street, Huntington, New York
Site No. C152248

Sample ID Sampling Date Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	SCDHS Action Levels	EPA Soil Cleanup Objective	EP-5 6/18/2020 1:15:00 PM Soil		EP-6 6/18/2020 1:20:00 PM Soil		RB-Drywell (19) 6/5/2020 9:45:00 AM Soil		RB-Drywell (23) 6/18/2020 1:30:00 PM Soil		RB-Drywell (25') 7/8/2020 8:30:00 AM Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		2		2		2		2	
Acenaphthene	20	200	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Anthracene	100	200	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Benzo(a)anthracene	1	2	~	0.0422	U	0.0422	U	0.0591	J	0.0431	U	0.0425	U
Benzo(a)pyrene	1	44	~	0.0422	U	0.0422	U	0.0633	J	0.0431	U	0.0425	U
Benzo(b)fluoranthene	1	3.4	~	0.0422	U	0.0422	U	0.0659	J	0.0431	U	0.0425	U
Benzo(g,h,i)perylene	100	200	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Benzo(k)fluoranthene	0.8	3.4	~	0.0422	U	0.0422	U	0.0566	J	0.0431	U	0.0425	U
Chrysene	1	2	~	0.0422	U	0.0422	U	0.0718	J	0.0431	U	0.0425	U
Dibenzo(a,h)anthracene	0.33	200	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Fluoranthene	100	200	~	0.0422	U	0.0422	U	0.143	D	0.0431	U	0.0425	U
Fluorene	30	200	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Indeno(1,2,3-cd)pyrene	0.5	16	~	0.0422	U	0.0422	U	0.0529	U	0.0431	U	0.0425	U
Phenanthrene	100	200	~	0.0422	U	0.0422	U	0.0650	J	0.0431	U	0.0425	U
Pyrene	100	200	~	0.0422	U	0.0422	U	0.117	D	0.0431	U	0.0425	U
Metals, Target Analyte	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1				1			
Aluminum	~		~	1,690		1,540		NT		1,900		NT	
Antimony	~		~	2.550	U	2.540	U	NT		2.600	U	NT	
Arsenic	13	30	~	1.530	UJ	1.520	UJ	6.930		1.560	UJ	1.540	U
Barium	350	4,000	~	8.570		14		233		9.280		8.580	
Beryllium	7.2	240	~	0.0510	U	0.0510	U	0.0640	U	0.0520	U	0.0510	U
Cadmium	2.5	40	~	0.306	U	0.305	U	**2.53**		0.312	U	0.308	U
Calcium	~		~	159		529		NT		223		NT	
Chromium	~	100	~	2.910		3.360		31.6		3.520		3.04	
Cobalt	~		~	1.800		2.090		NT		1.700		NT	
Copper	50	8,500	~	2.400		2.540		**272**		4.600		3.59	
Iron	~		~	4,100		7,320		NT		4,130		NT	
Lead	63	2,000	~	1.470		3.260		**1,750**		3.510		2.57	
Magnesium	~		~	395		504		NT		490		NT	
Manganese	1600		~	110		170		NT		84.500		NT	
Nickel	30	650	~	1.430	J	2.790		17.400		2.550		2.3	
Potassium	~	50	~	253		194		NT		237		NT	
Selenium	3.9		~	2.550	U	2.540	U	NT		2.600	U	NT	
Silver	2		~	0.510	U	0.508	U	0.635	U	0.520	U	0.514	U
Sodium	~		~	51	U	50.800	U	NT		52	U	NT	
Thallium	~		~	2.550	U	2.540	U	NT		2.600	U	NT	
Vanadium	~		~	4.210		4.220		NT		4.340		NT	
Zinc	109		~	6.280		9		NT		13.400		NT	
Mercury by 7473	mg/Kg			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1	
Mercury	0.18	3.700	~	0.0306	U	0.0305	U	**0.267**		0.0312	U	0.0308	U
Total Solids				%		%		%		%		%	
Dilution Factor				1		1		1		1		1	
% Solids	~		~	98		98.400		78.700		96.200		97.400	
Formaldehyde by 8315A	~	~	1	**1.4**	J	**1.9**	J	2.3	U	**1.1**	J	**2.8**	

NOTES:
Any Regulatory Exceedances are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
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
~=this indicates that no regulatory limit has been established for this analyte

Table 3.
Endpoint Soil Data - UST Area
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Sample ID Sampling Date Matrix	CP-51 Table 3 - Fuel Oil	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	EP-7 6/19/2020 Soil		EP-7-2 7/8/2020 Soil		EP-8 6/19/2020 Soil		EP-9 6/19/2020 Soil		EP-10 6/19/2020 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,1,1-Trichloroethane	~	0.68	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,1,2,2-Tetrachloroethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
1,1,2-Trichloroethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,1-Dichloroethane	~	0.27	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,1-Dichloroethylene	~	0.33	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
1,1-Dichloropropylene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2,3-Trichlorobenzene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2,3-Trichloropropane	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
1,2,4,5-Tetramethylbenzene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2,4-Trichlorobenzene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2,4-Trimethylbenzene	3.6	3.6	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2-Dibromo-3-chloropropane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2-Dibromoethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2-Dichlorobenzene	~	1.1	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2-Dichloroethane	~	0.02	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,2-Dichloropropane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,3,5-Trimethylbenzene	~	8.4	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,3-Dichlorobenzene	~	2.4	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,3-Dichloropropane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
1,4-Dichlorobenzene	~	1.8	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
2,2-Dichloropropane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
2-Butanone	~	0.12	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
2-Chlorotoluene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
2-Hexanone	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
4-Chlorotoluene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
4-Methyl-2-pentanone	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Acetone	~	0.05	0.00880	J	0.00520	U	0.00460	U	0.00480	U	0.00510	U
Benzene	0.06	0.06	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Bromobenzene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Bromochloromethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Bromodichloromethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Bromoform	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Bromomethane	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Carbon tetrachloride	~	0.76	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Chlorobenzene	~	1.1	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Chloroethane	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Chloroform	~	0.37	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
cis-1,2-Dichloroethylene	~	0.25	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
cis-1,3-Dichloropropylene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Dibromochloromethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Dibromomethane	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Dichlorodifluoromethane	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Ethyl Benzene	1	1	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Hexachlorobutadiene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Isopropylbenzene	2.3	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Methyl tert-butyl ether (MTBE)	~	0.93	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Methylene chloride	~	0.05	0.00480	UJ	0.00520	U	0.00460	UJ	0.00480	UJ	0.00510	UJ
Naphthalene	12	12	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
n-Butylbenzene	12	12	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
n-Propylbenzene	3.9	3.9	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
o-Xylene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
p- & m- Xylenes	~	~	0.00480	U	0.00520	U	0.00460	U	0.00480	U	0.00510	U
p-Diethylbenzene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
p-Ethyltoluene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
p-Isopropyltoluene	10	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
sec-Butylbenzene	11	11	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Styrene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
tert-Butylbenzene	5.9	5.9	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Tetrachloroethylene	~	1.3	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Toluene	0.7	0.7	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
trans-1,2-Dichloroethylene	~	0.19	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
trans-1,3-Dichloropropylene	~	~	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Trichloroethylene	~	0.47	0.00240	U	0.00260	U	0.00230	U	0.00240	U	0.00260	U
Trichlorofluoromethane	~	~	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Vinyl Chloride	~	0.02	0.00240	UJ	0.00260	U	0.00230	UJ	0.00240	UJ	0.00260	UJ
Xylenes, Total	0.26	0.26	0.00720	U	0.00780	U	0.00690	U	0.00720	U	0.00770	U

Table 3.
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71 New Street, Huntington, New York
Site No. C152248

Sample ID Sampling Date Matrix	CP-51 Table 3 - Fuel Oil	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	EP-7 6/19/2020 Soil		EP-7-2 7/8/2020 Soil		EP-8 6/19/2020 Soil		EP-9 6/19/2020 Soil		EP-10 6/19/2020 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2	
Acenaphthene	20	20	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Anthracene	100	100	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Benzo(a)anthracene	1	1	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Benzo(a)pyrene	1	1	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Benzo(b)fluoranthene	1	1	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Benzo(g,h,i)perylene	100	100	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Benzo(k)fluoranthene	0.8	0.8	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Chrysene	1	1	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Fluoranthene	100	100	0.0458	U	0.0434	U	0.0432	U	0.0480	J	0.0435	U
Fluorene	30	30	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Phenanthrene	100	100	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Pyrene	100	100	0.0458	U	0.0434	U	0.0432	U	0.0430	U	0.0435	U
Metals, RCRA		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1	
Arsenic	~	13	1.650	U	2.370		1.580	U	2.410		1.570	U
Barium	~	350	29.900		19.200		28.700		46.300		24.900	
Cadmium	~	2.5	0.330	U	0.315	U	0.315	U	0.318	U	0.314	U
Chromium	~	~	29.200		5.630		13.300		16.100		8.440	
Lead	~	63	**63.7**		13.600		21.900		52.700		18.300	
Selenium	~	3.9	2.750	UJ	2.620	U	2.630	UJ	2.650	UJ	2.620	UJ
Silver	~	2	0.550	U	0.525	U	0.526	U	0.530	U	0.524	U
Mercury by 7473		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1		1	
Mercury	~	0.18	0.0653		0.0640		0.0315	U	0.112		0.0446	
Total Solids			%		%		%		%		%	
Dilution Factor			1		1		1		1		1	
% Solids	~	~	90.900		95.300		95.100		94.400		95.500	

NOTES:
Any Regulatory Exceedances are color coded by Regulation

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

Table 4
Tabulated Truck Log of Exported Material
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

Date	Manifest or Ticket #	Tonnage	Facility
6/4/2020	9343880	28.31	Fairless Landfill
6/4/2020	9343879	31.89	Fairless Landfill
6/4/2020	9343876	32.40	Fairless Landfill
6/4/2020	9343878	28.68	Fairless Landfill
6/4/2020	9343877	27.22	Fairless Landfill
6/4/2020	9343882	29.17	Fairless Landfill
6/4/2020	9343881	22.09	Fairless Landfill
6/4/2020	9343883	20.78	Fairless Landfill
6/4/2020	9343887	21.05	Fairless Landfill
6/4/2020	9343888	25.30	Fairless Landfill
6/4/2020	9343875	24.04	Fairless Landfill
6/4/2020	9343889	27.40	Fairless Landfill
6/4/2020	9343890	22.03	Fairless Landfill
6/4/2020	9343885	26.64	Fairless Landfill
6/4/2020	9343886	23.45	Fairless Landfill
6/4/2020	9343892	28.32	Fairless Landfill
6/4/2020	9343893	30.93	Fairless Landfill
6/4/2020	9343884	20.3	Fairless Landfill
6/4/2020	9343891	32.62	Fairless Landfill
6/4/2020	9343894	29.73	Fairless Landfill
6/5/2022	9343896	27.70	Fairless Landfill
6/8/2022	9343936	29.15	Fairless Landfill
6/8/2022	9343900	26.66	Fairless Landfill
6/8/2022	9344901	29.63	Fairless Landfill
6/8/2022	9343935	29.64	Fairless Landfill
6/8/2022	9343939	28.28	Fairless Landfill
6/8/2022	9343938	31.09	Fairless Landfill
7/6/2022	9343929	26.37	Fairless Landfill
7/6/2022	9343909	28.49	Fairless Landfill
7/6/2022	9343927	26.74	Fairless Landfill
7/6/2022	9343933	27.62	Fairless Landfill
7/6/2022	9343916	30.69	Fairless Landfill
7/6/2022	9343910	28.43	Fairless Landfill
7/6/2022	9343917	30.25	Fairless Landfill
7/6/2022	9343926	28.05	Fairless Landfill
7/6/2022	9343912	31.15	Fairless Landfill
7/6/2022	9343290	29.53	Fairless Landfill
7/6/2022	9343915	23.62	Fairless Landfill
7/6/2022	9343913	29.31	Fairless Landfill
7/6/2022	9343902	30.35	Fairless Landfill
7/14/2022	9343937	25.44	Fairless Landfill
7/14/2022	9343919	25.23	Fairless Landfill
7/14/2022	9343922	28.48	Fairless Landfill
7/14/2022	9343918	31.95	Fairless Landfill
Total Tonnage (Fairless)		**1216.20**	

Table 4
Tabulated Truck Log of Exported Material
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

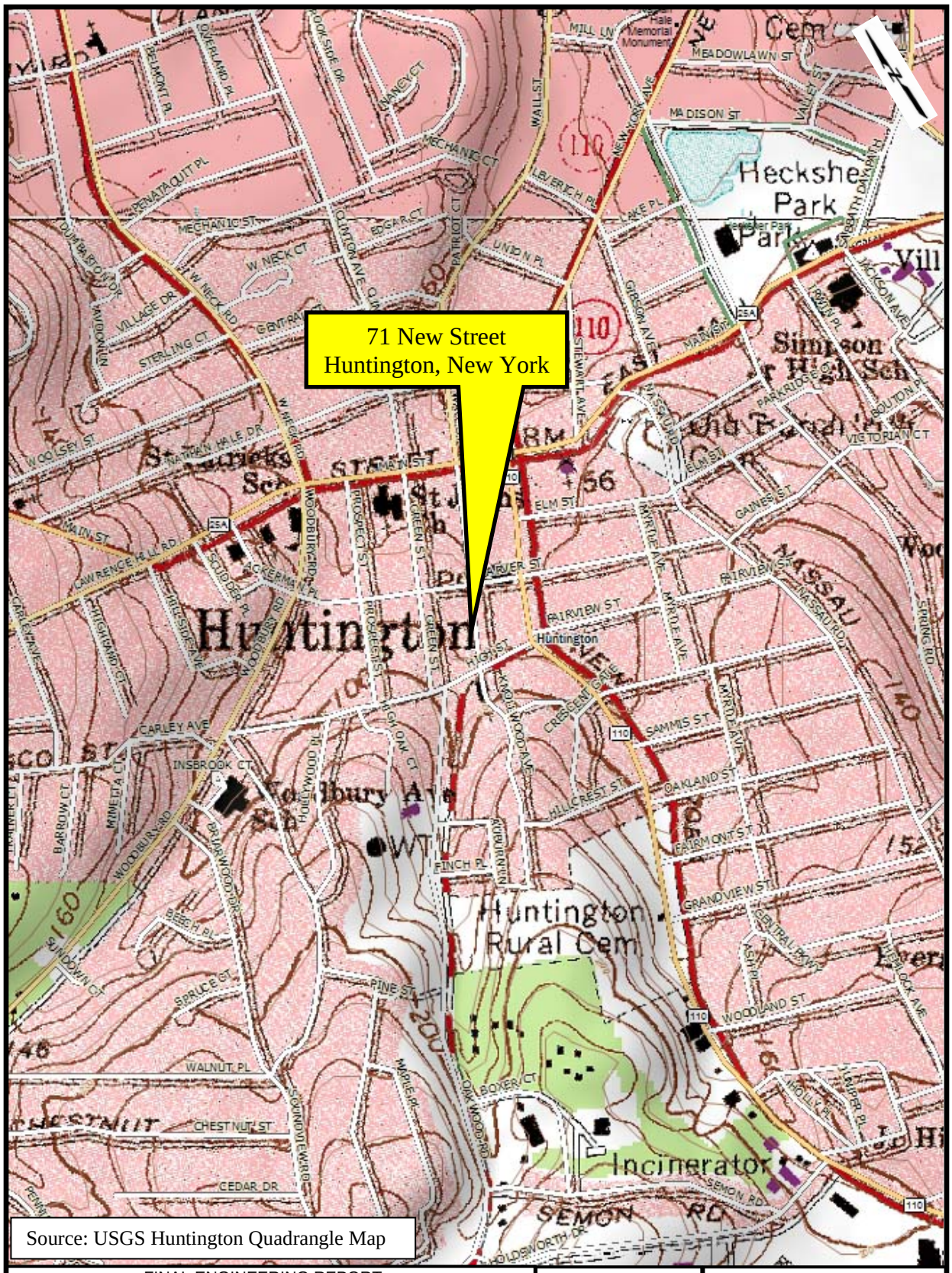
Date	Manifest or Ticket #	Tonnage	Facility
8/26/2020	628739	23.58	110 Sand Company
8/26/2020	628740	23.79	110 Sand Company
8/26/2020	628744	24.52	110 Sand Company
8/26/2020	628758	26.83	110 Sand Company
8/26/2020	628760	26.80	110 Sand Company
8/26/2020	628764	25.80	110 Sand Company
8/26/2020	628782	25.53	110 Sand Company
8/26/2020	628783	26.16	110 Sand Company
8/26/2020	628784	24.76	110 Sand Company
8/26/2020	628800	24.21	110 Sand Company
9/4/2020	630078	27.89	110 Sand Company
9/4/2020	630084	31.33	110 Sand Company
9/4/2020	630087	30.47	110 Sand Company
9/4/2020	630104	27.10	110 Sand Company
9/4/2020	630115	28.75	110 Sand Company
9/4/2020	630119	28.18	110 Sand Company
9/4/2020	630132	29.64	110 Sand Company
9/4/2020	630151	30.38	110 Sand Company
9/4/2020	630152	32.17	110 Sand Company
9/4/2020	630165	28.84	110 Sand Company
9/4/2020	630173	31.18	110 Sand Company
9/4/2020	630178	30.02	110 Sand Company
9/4/2020	630202	27.64	110 Sand Company
9/4/2020	630207	31.64	110 Sand Company
9/4/2020	630208	29.97	110 Sand Company
10/10/2020	634982	23.16	110 Sand Company
10/10/2020	635000	28.04	110 Sand Company
3/15/2021	648987	28.53	110 Sand Company
3/15/2021	648992	26.74	110 Sand Company
3/15/2021	649004	30.01	110 Sand Company
3/15/2021	649013	27.55	110 Sand Company
3/15/2021	649023	28.13	110 Sand Company
3/15/2021	649028	27.41	110 Sand Company
3/15/2021	649040	29.09	110 Sand Company
3/15/2021	649044	28.17	110 Sand Company
3/15/2021	649056	33.39	110 Sand Company
3/15/2021	649061	32.33	110 Sand Company
3/19/2021	649449	29.33	110 Sand Company
3/19/2021	649454	28.92	110 Sand Company
3/19/2021	649465	24.03	110 Sand Company
3/19/2021	649467	23.39	110 Sand Company
3/19/2021	649475	26.59	110 Sand Company
3/19/2021	649477	21.34	110 Sand Company
3/19/2021	649487	25.70	110 Sand Company
3/19/2021	649492	24.34	110 Sand Company
3/19/2021	649503	26.06	110 Sand Company
3/19/2021	649506	22.40	110 Sand Company
Total Tonnage (110 Sand)		**1291.83**	
Total Tonnage (Complete)		**2508.03**	

Table 5.
Air Sampling Data
Final Engineering Report
71 New Street, Huntington, New York
Site No. C152248

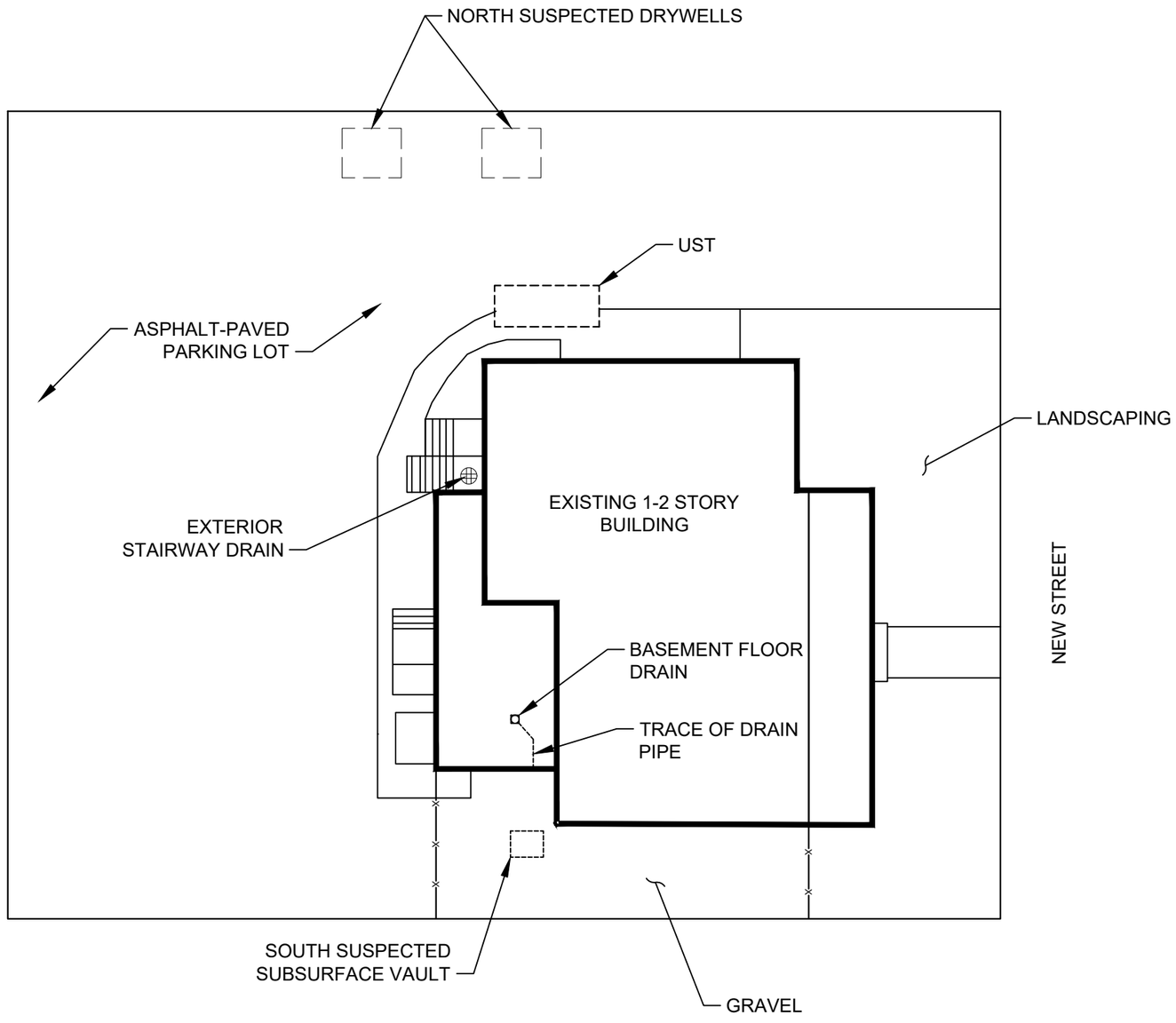
Sample ID Sampling Date Matrix	NYSDOH Air Guideline Values	71 New St-1st Floor-IA 1/13/2022 Indoor Air		71 New St-Basement-IA 1/13/2022 Indoor Air		71 New St-Outside-IA 1/13/2022 Ambient Air		71 New St-1st Floor-IA 2/26/2022 Indoor Air		71 New St-Basement-IA 2/26/2022 Indoor Air	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOC (TO-15)	ug/m^3	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
1,1,1-Trichloroethane	~	0.21	U	0.21	U	0.21	U	NA		NA	
1,1,2,2-Tetrachloroethane	~	0.3	U	0.3	U	0.3	U	NA		NA	
1,1,2-Trichloroethane	~	0.19	U	0.19	U	0.19	U	NA		NA	
1,1-Dichloroethane	~	0.12	U	0.12	U	0.12	U	NA		NA	
1,1-Dichloroethene	~	0.11	U	0.11	U	0.11	U	NA		NA	
1,2,4-Trichlorobenzene	~	1.4	U	1.4	U	1.4	U	NA		NA	
1,2,4-Trimethylbenzene	~	**0.36**	J	**0.55**	J	0.23	U	NA		NA	
1,2-Dibromoethane	~	0.35	U	0.35	U	0.35	U	NA		NA	
1,2-Dichlorobenzene	~	0.42	U	0.42	U	0.42	U	NA		NA	
1,2-Dichloroethane	~	0.61	U	0.61	U	0.61	U	NA		NA	
1,2-Dichloroethene, Total	~	0.71	U	0.71	U	0.71	U	NA		NA	
1,2-Dichloropropane	~	0.4	U	0.4	U	0.4	U	NA		NA	
1,2-Dichlorotetrafluoroethane	~	0.38	U	0.38	U	0.38	U	NA		NA	
1,3,5-Trimethylbenzene	~	0.22	U	0.22	U	0.22	U	NA		NA	
1,3-Butadiene	~	**0.2**	J	**0.35**	J	**0.1**	J	NA		NA	
1,3-Dichlorobenzene	~	0.54	U	0.54	U	0.54	U	NA		NA	
1,4-Dichlorobenzene	~	0.57	U	0.57	U	0.57	U	NA		NA	
1,4-Dioxane	~	6.1	U	6.1	U	6.1	U	NA		NA	
2,2,4-Trimethylpentane	~	**1.3**		**1.3**		**0.45**	J	NA		NA	
2-Chlorotoluene	~	0.25	U	0.25	U	0.25	U	NA		NA	
3-Chloropropene	~	0.34	U	0.34	U	0.34	U	NA		NA	
4-Ethyltoluene	~	0.25	U	0.25	U	0.25	U	NA		NA	
4-Isopropyltoluene	~	**0.29**	J	**1**	J	0.21	U	NA		NA	
Acetone	~	**13**		**15**		**9.3**	J	NA		NA	
Benzene	~	**1.5**		**1.6**		**0.9**		NA		NA	
Benzyl chloride	~	0.38	U	0.38	U	0.38	U	NA		NA	
Bromodichloromethane	~	0.27	U	0.27	U	0.27	U	NA		NA	
Bromoethene(Vinyl Bromide)	~	0.37	U	0.37	U	0.37	U	NA		NA	
Bromoform	~	0.6	U	0.6	U	0.6	U	NA		NA	
Bromomethane	~	0.2	U	0.2	U	0.2	U	NA		NA	
Carbon disulfide	~	0.4	U	0.4	U	**0.51**	J	NA		NA	
Carbon tetrachloride	~	**0.33**	J	**0.3**	J	**0.32**	J	NA		NA	
Chlorobenzene	~	0.2	U	0.2	U	0.2	U	NA		NA	
Chloroethane	~	0.66	U	0.66	U	0.66	U	NA		NA	
Chloroform	~	0.22	U	0.22	U	0.22	U	NA		NA	
Chloromethane	~	**1**		**1.1**		**0.99**	J	NA		NA	
cis-1,2-Dichloroethene	~	0.13	U	0.13	U	0.13	U	NA		NA	
cis-1,3-Dichloropropene	~	0.091	U	0.091	U	0.091	U	NA		NA	
Cumene	~	0.18	U	0.18	U	0.18	U	NA		NA	
Cyclohexane	~	**0.42**	J	**0.36**	J	**0.19**	J	NA		NA	
Dibromochloromethane	~	0.26	U	0.26	U	0.26	U	NA		NA	
Dichlorodifluoromethane	~	**2**	J	**1.9**	J	**1.8**	J	NA		NA	
Ethylbenzene	~	**0.45**	J	**0.6**	J	0.43	U	NA		NA	
Freon 22	~	**12**		**16**		**16**		NA		NA	
Freon TF	~	0.42	U	0.42	U	0.42	U	NA		NA	
Hexachlorobutadiene	~	0.33	U	0.33	U	0.33	U	NA		NA	
Isopropyl alcohol	~	**14**		**4.2**	J	2.4	U	NA		NA	
m,p-Xylene	~	**1.4**	J	**1.8**	J	0.74	U	NA		NA	
Methyl Butyl Ketone (2-Hexanone)	~	0.82	U	0.82	U	0.82	U	NA		NA	
Methyl Ethyl Ketone	~	**0.83**	J	**1.4**	J	**1.6**		NA		NA	
methyl isobutyl ketone	~	0.78	U	0.78	U	0.78	U	NA		NA	
Methyl methacrylate	~	0.66	U	0.66	U	0.66	U	NA		NA	
Methyl tert-butyl ether	~	0.29	U	0.29	U	0.29	U	NA		NA	
Methylene Chloride	60	**1**	J	**0.75**	J	0.59	U	NA		NA	
Naphthalene	~	0.89	U	0.89	U	0.89	U	NA		NA	
n-Butane	~	**6.1**		**5.2**		**4.6**		NA		NA	
n-Butylbenzene	~	0.3	U	0.3	U	0.3	U	NA		NA	
n-Heptane	~	**1.1**		**0.94**		**0.4**	J	NA		NA	
n-Hexane	~	**1.3**	J	**1.2**	J	0.81	U	NA		NA	
n-Propylbenzene	~	0.23	U	0.23	U	0.23	U	NA		NA	
sec-Butylbenzene	~	0.21	U	0.21	U	0.21	U	NA		NA	
Styrene	~	**0.58**	J	**0.29**	J	0.14	U	NA		NA	
tert-Butyl alcohol	~	3.6	U	3.6	U	3.6	U	NA		NA	
tert-Butylbenzene	~	0.2	U	0.2	U	0.2	U	NA		NA	
Tetrachloroethene	30	**0.23**	J	**0.25**	J	**0.24**	J	NA		NA	
Tetrahydrofuran	~	3.5	U	3.5	U	3.5	U	NA		NA	
Toluene	~	**4.5**		**3.5**		**0.77**		NA		NA	
trans-1,2-Dichloroethene	~	0.35	U	0.35	U	0.35	U	NA		NA	
trans-1,3-Dichloropropene	~	0.4	U	0.4	U	0.4	U	NA		NA	
Trichloroethene	2	**9.6**		**0.53**	J	**0.38**	J	0.024	U	0.024	U
Trichlorofluoromethane	~	**1**	J	**1**	J	**1**	J	NA		NA	
Vinyl chloride	~	0.072	U	0.072	U	0.072	U	NA		NA	
Xylene (total)	~	**1.9**	J	**2.5**	J	1.1	U	NA		NA	
Xylene, o-	~	**0.53**	J	**0.66**	J	0.41	U	NA		NA	
NYSDEC PAH17 Other SVOCs	mg/m^3										
Phneol	~	0.346	U	0.310	U	0.323	U	NA		NA	
Other	mg/m^3										
Formaldehyde	~	0.00818	U	0.00822	U	0.0078	U	NA		NA	

NOTES:
Any Regulatory Exceedances are color SHADED
Detections are bolded
NA: Not analyzed
Q is the Qualifier Column with definitions as follows:
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
~=this indicates that no regulatory limit has been established for this analyte

Figures



FINAL ENGINEERING REPORT 71 NEW STREET HUNTINGTON, NEW YORK	GEI Consultants	**SITE LOCATION MAP**
71 NEW STREET HUNTINGTON LLC	Project 1700841	MARCH 2022 Fig 1



N

0 20 40

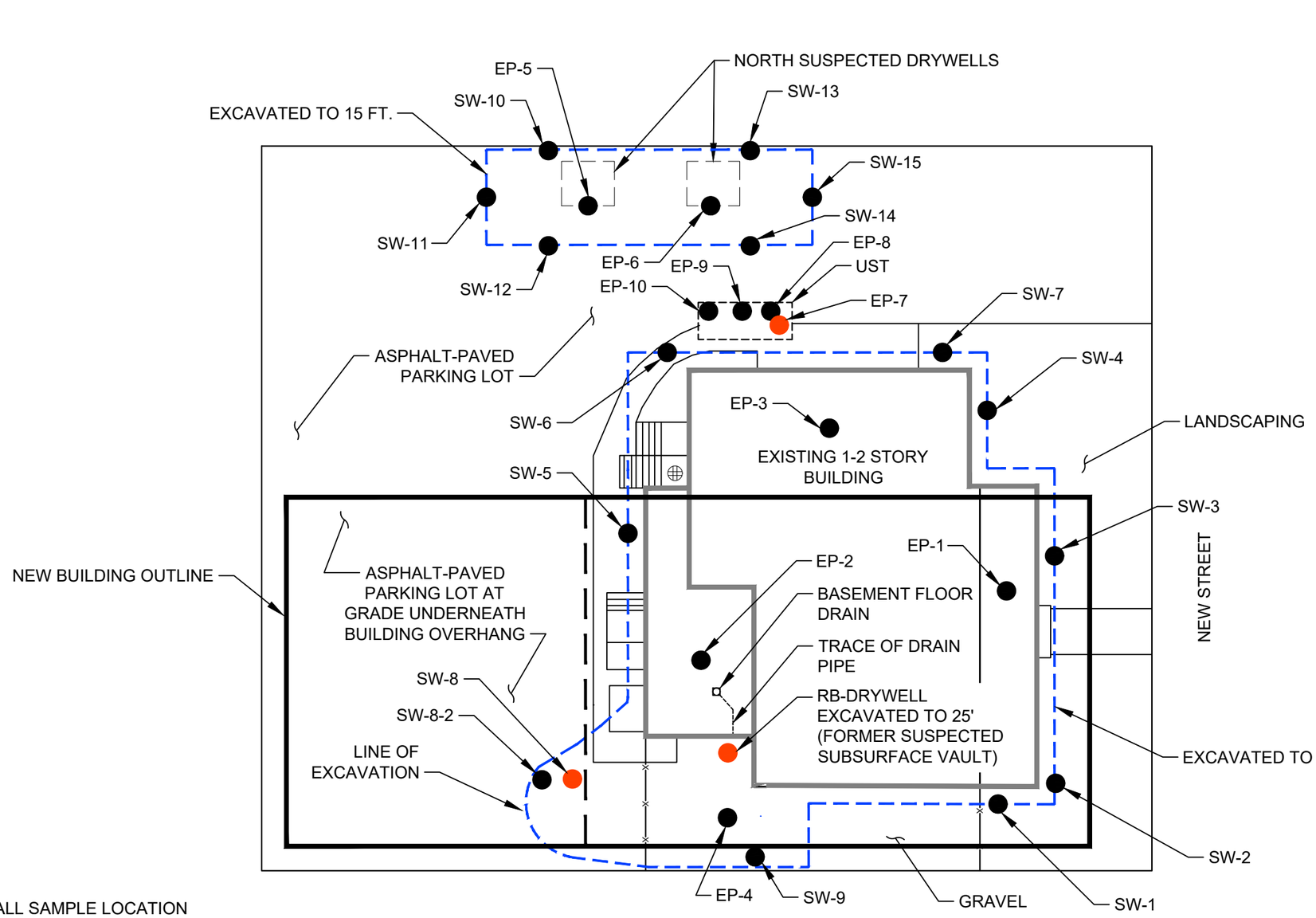
SCALE: 1" = 20'

SOURCE:

SURVEYED JUNE 7,1977 GUARANTEED TO
SECURITY TITLE AND GUARANTY CO.

FINAL ENGINEERING REPORT 71 NEW STREET HUNTINGTON, NEW YORK	GEI Consultants	SITE PLAN
71 NEW STREET HUNTINGTON LLC	Project 1700841	MARCH 2022 Fig. 2

\\hts-pzcc-1\ \\hts-pzcc-1\HTS-DATA\Tech\Environmental Projects\DeRosa\71 New Street\Phase II\CAD\1700841 - FIG 2.dwg - 1/12/2022



LEGEND

- END POINT / SIDEWALL SAMPLE LOCATION
- END POINT / SIDEWALL LOCATION WITH UUSCO EXCEEDANCE
- EXCAVATED AREAS
- EDGE OF ASPHALT-PAVED PARKING LOT AT GRADE UNDERNEATH BUILDING OVERHANG

0 20 40

SCALE: 1" = 20'

SOURCE:

SURVEYED JUNE 7,1977 GUARANTEED TO SECURITY TITLE AND GUARANTY CO.

FINAL ENGINEERING REPORT
71 NEW STREET
HUNTINGTON, NEW YORK

71 NEW STREET HUNTINGTON LLC

GEI Consultants

EXCAVATION AREA MAP, END-POINT SAMPLE LOCATIONS AND SUMMARY

Project 1700841 | MARCH 2022 | Fig. 3

\\hts1v-pzcc- \\hts1v-pzcc-01\HTS-DATA\Tech\Environmental Projects\DeRosa\71 New Street\Phase II\CAD\2022-01-10_Figure 1\1700841 - FIG 1.dwg - 1/10/2022