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QUARTERLY OPERATION AND MAINTENANCE REPORT – THIRD QUARTER 2021

Stanton Cleaners Area Superfund Site

110 Cutter Mill Road
Great Neck, New York

NYDEC Site No. 130072

Prepared For:

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233
Contract #D009808

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General Information

Project/Site Information:

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110 Cutter Mill Road
Great Neck, NY

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1.0 INTRODUCTION

HRP Associates, Inc. (HRP) has been contracted by the New York State Department of Environmental Conservation (NYSDEC) for site management tasks under Standby Engineering Contract D009808. Under this contract, on-going site management was assigned to HRP for the former Stanton Cleaners Site, NYSDEC Site No. 130072, located at 110 Cutter Mill Road in Great Neck, New York (herein referred to as the "Site"). The Site location is depicted on **Figure 1**. The Site is currently listed on the New York State Registry of Inactive Hazardous Waste Sites as a Class 4 site. This designation is for properly closed sites but requires continued management until remedial objectives are achieved. The United States Environmental Protection Agency (USEPA) oversaw the operations and maintenance (O&M) and site management from 2001 to 2012. NYSDEC assumed responsibility for site management in 2012. The on-going site management was assigned to HRP in April 2020. This work assignment (WA) includes the following tasks:

- Task 1 – Preliminary Activities
- Task 2 – Site Management Plan
- Task 3 – System Operations and Maintenance
- Task 4 – Monitoring and Reporting
- Task 5 – Periodic Review and Report
- Task 6 – Site Remedial Systems Optimization

This quarterly Operations and Maintenance (O&M) Report summarizes the O&M and monitoring activities completed during the 3rd quarter of 2021 (July through September 2021). This report provides a description of the work performed throughout the reporting period, a discussion of the data obtained, and documents the relevant performance monitoring.



2.0 **SITE BACKGROUND**

2.1 **Site Location and Current Use**

Stanton Cleaners is a former dry-cleaning facility located at 110 Cutter Mill Road in Great Neck, Nassau County, New York (The Site location is shown on **Figure 1**). A dry cleaner had operated at the Site since the 1950s. The property had several different owners in subsequent years and the business may have had several names, most recently Stanton Cleaners. Between about 1958 and 1983, waste liquids from the on-Site dry-cleaning processes were discharged, spilled, or leaked onto the ground behind the facility (U.S. Department of Health, 2004). The Site is located approximately 1,000 feet north of an active public water supply well field owned and operated by the Water Authority of Great Neck North (WAGNN). The Site is approximately ¼ acre and includes a two-story building in which the dry-cleaning business operated, an adjacent one-story boiler/storage building, and a building that houses the current remediation system. Site features are depicted on **Figure 2**. The Site is bordered to the west by Cutter Mill Road, to the north and east by a former indoor tennis court, and to the south by a gasoline station. Adjacent areas that have been affected by the contamination include, but are not limited to, the neighboring Plaza Tennis Center, the Century Condominium Complex, the North Shore Sephardic Synagogue, and the Long Island Hebrew Academy (LIHA).

2.2 **Remedial History**

In June of 1983, the Nassau County Department of Health (NCDH) inspected the Stanton Cleaners facility. According to NCDH files, the inspection revealed a pipe protruding from the rear side of the building. It was noted that the pipe was connected to the dry-cleaning fluid/water separator that discharged onto the ground in the rear yard sloping away from the building. To determine the impacts of the separator discharge, soil samples were collected by NCDH in the rear of the building. The results of the analysis indicated the soil was contaminated with tetrachloroethene (PCE) at concentrations up to 8,000 parts per million (ppm). Groundwater sampling conducted in January 1998 by a contractor for the NYSDEC detected PCE; 1,2-dichloroethene (DCE); and trichloroethene (TCE) contamination at, and downgradient of Stanton Cleaners.

On June 8, 1998, the NYSDEC requested that USEPA perform a Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA) authorized emergency response action at the Site to address contaminated groundwater impacting the nearby public water supply. The Stanton Cleaners Site was added to the National Priorities List (NPL) on May 17, 1999.

A remediation system was subsequently installed at the Site, which includes Groundwater Extraction and Treatment (GWE&T), soil vapor extraction (SVE), and air sparging. Three (3) extraction wells are associated with the GWE&T system and are equipped with submersible pumps. The extracted groundwater is treated through a 2,000-pound liquid phase granular activated carbon (GAC) vessel prior to discharge to the storm sewer. The SVE system consists of six (6) extraction wells connected to a blower and knockout tank. The extracted vapor is treated through a 3,000-pound vapor phase GAC vessel prior to discharge to the atmosphere. An air sparge system was installed using a compressor to provide sparge air to the screened interval in two (2) wells. Use of the air sparge system was discontinued in December 2014.



2.3 Site Cleanup Objectives

On-going remedial actions are being implemented to restore the impacted media (soil, soil vapor, and groundwater) to pre-disposal conditions. The closure criterion will ultimately be determined by the NYSDEC based on the future monitoring data. The Standards, Criteria, and Guidance (SCGs) currently used for the various media being sampled at the Site are summarized below.

- Soil – NYSDEC Environmental Conservation Law (ECL) 6 New York Code of Rules and Regulations (NYCRR) Part 375-6: Remedial Program Soil Cleanup Objectives (SCOs)
- Groundwater - NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- Soil Vapor - New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York.

3.0 OPERATIONS AND MAINTENANCE PROGRAM

The operations and maintenance program for the Stanton Cleaners Area Superfund Site includes the following:

- Monthly inspections of the GWE&T system and SVE system;
- Monthly sampling and laboratory analysis of GWE&T system influent and effluent. Samples analyzed for VOCs via EPA Method 8260;
- Quarterly sampling of SVE system influent and effluent. Samples analyzed for VOCs via EPA method TO-15; and
- Annual sampling of the system discharge point to the city sewer. Samples will be analyzed for SPDES Equivalency Parameters.

HRP assumed O&M and sampling responsibilities for the Site in January 2021. Notes related to system issues are included in Section 5.0 of this report. HRP performs the monthly, quarterly, and annual sampling activities at the Site as well as the day-to-day O&M of the remediation systems. HRP prepares daily reports during each visit to the Site that summarize Site activities for that day. The daily reports are included in **Appendix A**.

3.1 Groundwater Extraction and Treatment System Operations and Maintenance

Extraction well EPA-EXT-02, located at the intersection of Cutter Mill Road and Ascot Road, is currently the only operational extraction well. Four (4) other extraction wells, EPA-EXT-01, EPA-EXT-03, EPA-EXT-04R, and ST-IW-01, are not in operation at this time. The locations of the extraction wells are depicted on **Figure 2**. Field notes related to operation and maintenance of the GWE&T system are included in **Appendix B**.

The continuous four-hour data logging software, Lookout®, was not functioning during the entirety of the 3rd quarter. When functioning, the Lookout® data is used to calculate mass removal rate, total and cumulative flow, and average monthly flow rate.

Based on the field logs, the GWE&T system operated at a flow rate of approximately 56 gallons per minute (GPM) and discharged a total of approximately 7,260,612 gallons during the 3rd quarter of 2021. Based on recorded flow rates, monthly totalizer readings, and analysis of laboratory data for samples collected from EPA-EXT-02, approximately 0.26 pounds (lbs) of PCE have been removed in the liquid phase during the 3rd quarter of 2021. This totals approximately 12.35 lbs of PCE removed in the liquid phase since NYSDEC assumed O&M responsibilities in 2012. The VOC mass removal for the 3rd quarter of 2021 is summarized on **Table 1**.

3.1.1 Groundwater Extraction and Treatment System Influent and Effluent Sampling

Monthly sampling of the GWE&T system influent and effluent is conducted to monitor the efficiency of the system and to determine if liquid GAC breakthrough occurred. Samples were submitted to Eurofins Environment Testing/Test America (Eurofins) for analysis of VOCs via EPA Method 8260.

PCE was detected in the three (3) influent samples at concentrations ranging from 3.8 micrograms per liter (µg/L) to 4.6 µg/L. The detections of PCE do not exceed the NYSDEC GWQS of 5 µg/L. PCE



was detected in the three (3) effluent samples at concentrations ranging from 1.8 µg/L to 3.9 µg/L. The detections of PCE in the effluent samples do not exceed the NYSDEC GWQS of 5 µg/L. The results of influent and effluent sampling during the 3rd quarter of 2021 are summarized in **Table 2**.

3.1.2 Groundwater Extraction and Treatment System Annual SPDES Sampling

Annual SPDES sampling of the groundwater extraction and treatment system was completed during this quarter on September 30, 2021. Analytical results of SPDES sampling are summarized in **Table 7**. The system outfall in the storm water drain at the synagogue parking lot was sampled for SPDES equivalency.

The next annual sample is scheduled to be collected in the 3rd quarter of 2022.

3.2 Soil Vapor Extraction System Operations and Maintenance

Air monitoring of the SVE system is performed on a monthly basis. Monitoring includes the field analysis of the following parameters: VOCs, carbon monoxide, oxygen, lower explosive limit, hydrogen sulfide, air velocity (cubic feet per minute), temperature, relative humidity, dew point, and vacuum pressure. The following locations were monitored:

- SVE-Influent
- Post-Blower-Pre-Carbon
- EPA-SVE-1 (shallow)
- EPA-SVE-1 (medium)
- EPA-SVE-2 (shallow)
- EPA-SVE-2 (medium)
- SS-A
- SVE-3A
- SVE-3B
- SVE-1 Combined
- SVE-2 Combined
- hSVE-1
- hSVE-2
- Background

It was noted during the 1st quarter of 2021 that SVE piping located along the west side of the Stanton Cleaners building that tie into the SVE-2 line was cut and not capped allowing ambient air to be pulled into the SVE system and diluting the entire influent air and most likely causing lower vacuum pressure at well heads. A 2-inch expandable cap was placed in the piping in January 2021 to prevent outdoor air from entering the system. On April 28, 2021, HRP addressed this issue by re-piping the SVE-2 line at the tee fitting, which appropriately re-connected SVE-2 piping to the SVE-2 extraction well. Additionally, the SVE piping located along the southeast corner of the Stanton Cleaners building was connected with an old fernco fitting that was deteriorated. The fernco fitting was replaced during the 2nd quarter of 2020. Daily inspection reports are included in **Appendix A**. Monthly monitoring logs are included in **Appendix C**.



Samples SVE_INF and SVE_EFF were collected from the influent and effluent, respectively, via SUMMA canisters and analyzed for VOCs by TO-15 on September 28, 2021. Concentrations of 2-butanone at 38 $\mu\text{g}/\text{m}^3$, cis-1,2-dichloroethylene at 44 $\mu\text{g}/\text{m}^3$, ethanol at 150 $\mu\text{g}/\text{m}^3$, PCE at 1,000 $\mu\text{g}/\text{m}^3$ and TCE at 47 $\mu\text{g}/\text{m}^3$ were detected in the influent sample (SVE_INF). Concentrations of 2-butanone at 10 $\mu\text{g}/\text{m}^3$, cis-1,2-dichloroethylene at 0.89 $\mu\text{g}/\text{m}^3$, dichlorodifluoromethane 3.3 $\mu\text{g}/\text{m}^3$, ethanol at 310 $\mu\text{g}/\text{m}^3$, PCE at 86 $\mu\text{g}/\text{m}^3$ and TCE at 1.7 $\mu\text{g}/\text{m}^3$ were detected in the effluent sample (SVE_EFF). A summary of the SVE influent and effluent sample results is included in **Table 3**.

The Velocicalc meter recorded a flow rate of 20.07 cubic feet per minute (cfm) at the SVE-Influent on September 28, 2021. Based on the data available, approximately 0.10 pounds of chlorinated VOCs (consisting primarily of PCE, TCE, and cis-1,2-DCE) were removed by the SVE system during the 3rd quarter of 2021. The VOC mass removal for the 3rd quarter of 2021 is summarized on **Table 4**. In order to optimize recovery, HRP shut-off the valves for several of the extraction wells on August 31, 2021. Currently, vapor is being extracted from the extraction wells that typically have the highest total VOC readings during monthly O&M events including, SVE-2, SVE-3B, hSVE-1, and hSVE-2. Further action will be taken to optimize SVE system operations to maximize contaminant recovery during the 4th quarter of 2021.



4.0 **MONITORING PROGRAM**

The monitoring program for the Stanton Cleaners Area Superfund Site includes the following:

- Quarterly operations and maintenance reports;
- Monthly gauging of 16 monitoring wells for water level;
- Semi-annual groundwater sampling of the well network for analysis of VOCs via EPA Method 8260;
- Annual soil vapor intrusion sampling at the LIHA; and
- Monitoring of the WAGNN supply well.

4.1 **Plume Perimeter Monitoring**

Monitoring wells are gauged for water level on a monthly basis to assess capture zones around the groundwater extraction well EPA-EXT-02. **Figure 3** depicts the network of monitoring wells.

During the three gauging events in the 3rd quarter of 2021, all 16 wells were gauged. The locations and number of wells monitored were previously determined by the USEPA based on the 2014 *Final Capture Zone Analysis Report*. **Appendix D** includes the groundwater level measurements.

4.2 **Groundwater Sampling**

Semi-annual groundwater sampling was conducted in July 2021. The next routine semi-annual groundwater sampling event is scheduled for the 1st quarter of 2022. **Table 5** summarizes the groundwater monitoring schedule. **Table 6** summarizes the July 2021 groundwater analysis results.

During the August 2021 semi-annual groundwater sampling event, PCE was detected above the standard in the groundwater samples collected from two monitoring wells, EPA-MW-21R and ST-MW-19 at concentrations of 29 µg/l and 9.2 µg/l, respectively. EPA-MW-21R is located west of the Site and ST-MW-19 is located south of the Site, across Cutter Mill Road. PCE was also detected in EPA-MW-23, ST-MW-14, ST-MW-16, ST-MW-17, ST-MW-18, and ST-MW-20 at concentrations below the regulatory standard.

Additional VOCs, including 1,1-dichloroethylene, bromodichloromethane, chloroform, cis-1,2-dichloroethylene, dibromochloromethane, toluene, and trichloroethylene, were detected below the regulatory standard in groundwater samples collected from the other monitoring wells (MW-101, EPA-MW-21R, EPA-MW-23, ST-MW-13, ST-MW-14, ST-MW-15, ST-MW-18, and ST-MW-20).

4.3 **Indoor Air Quality Sampling**

Indoor air quality sampling was not conducted during this quarter. The next routine annual indoor air sampling event is scheduled for December 2021 at the LIHA.

4.4 **Water Authority of Great Neck North Public Supply Well Monitoring**

Monitoring of the WAGNN public supply well was not conducted during this quarter.



5.0 MAINTENANCE ISSUES AND RECOMMENDED SOLUTIONS

Several O&M issues were identified when HRP assumed O&M responsibilities in January 2021. The following lists the outstanding items that HRP will address in 2021:

- The groundwater discharge line runs from the treatment building a distance of approximately 250 feet above grade before being piped underground. The line is sagging in several locations and should have additional support. The line is also uninsulated and could freeze and break if discharge flow is reduced or stops.
 - HRP recommends that, at a minimum, additional supports should be installed beneath the sags.
- The heater in the GWE&T room is not functioning.
 - HRP recommended that the heater be repaired or replaced before winter 2021. A new heater has been purchased and will be installed during the 4th quarter of 2021.
- The pH and conductivity sensors associated with the GWE&T system appear to be giving inaccurate readings. Due to the age of the sensors and meters, the sensors cannot be replaced. HRP checked pH and conductivity in the field using a calibrated YSI meter.
 - HRP recommends that the pH and conductivity meters and sensors associated with the GWE&T system be replaced with new sensors.
- There is currently no sump or alarm associated with the GWE&T system inside the building in-case of a continuous leak from equipment.
 - HRP recommends that, at a minimum, an alarm should be installed to provide alert and shut-down the system in the event of a leak.
- The continuous four-hour data logging software, Lookout®, was not functioning during the entirety of the first quarter. This software should be fixed in order to help calculate mass removal rates, total and cumulative flow, and average monthly flow rates for the remediation systems.
 - HRP recommends that the logging software be updated as part of system optimization by replacing with a system that can be accessed remotely for regular system operational status checks.

HRP will be working on implementing the above recommendations as part of ongoing O&M of the remediation systems in 2021.



6.0 FUTURE ACTIVITIES

Future maintenance and monitoring activities at the Site includes the following:

- Routine monthly operations and maintenance activities will continue; and
- Semi-annual groundwater sampling is scheduled to be completed in the 1st quarter of 2022.

7.0 **PROGRESS TOWARD CLEANUP OBJECTIVES**

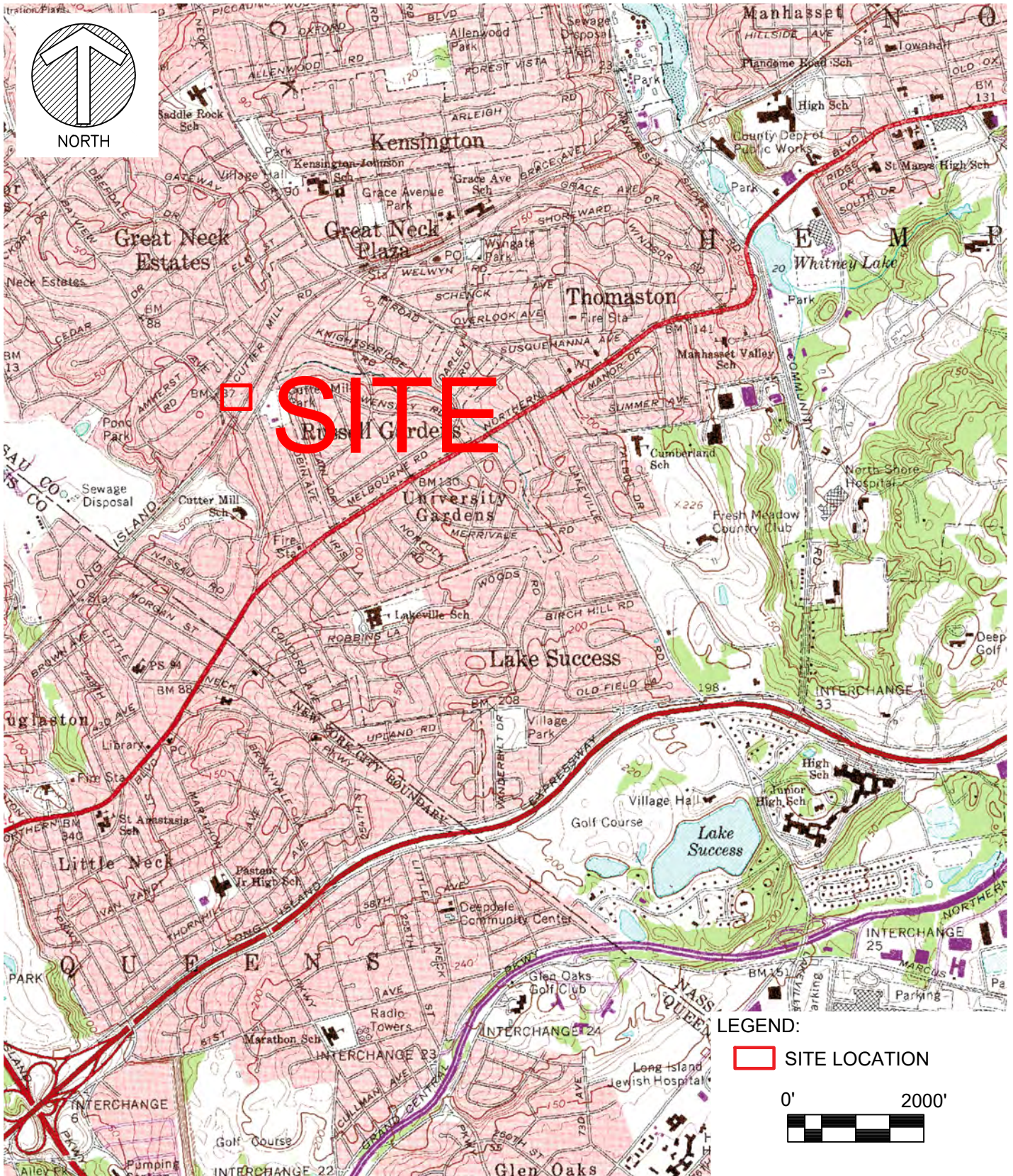
Based on review of O&M field notes and laboratory analysis of samples collected from EPA-EXT-02, the GWE&T system removed approximately 0.26 lbs of VOCs during the 3rd quarter of 2021. Based on review of O&M field notes and laboratory analysis of SVE-Influent samples analyzed by the laboratory, the SVE system removed approximately 0.10 lbs of VOCs, consisting primarily of PCE during the 3rd quarter of 2021. The total cost of system O&M during this quarter was \$22,041.06 (Tasks 1 through 4 of the WA). A cost per pound of VOC removal in both liquid and vapor phase is provided below.

Quarterly Cost Summary					
Period	Quarterly O&M Cost	VOC Mass Removed by SVE (lbs)	VOC Mass Removed by GWE&T (lbs)	Total VOC Mass Removed (lbs)	Cost per Pound of VOC Removal
7/1/2021 through 9/30/2021	\$22,041.06	0.10	0.26	0.36	NA (< 1 lb recovered)

Based on the analytical results and system flow rates, the SVE system recovered less contaminant mass than usual. HRP will perform system optimization actions during the 4th quarter of 2021 in order to maximize mass recovery by the SVE system. The GWE&T system samples collected in July, August, and September 2021 did not exceed the NYSDEC GWQS. Operation of the GWE&T system created a cone of depression and captured dissolved phase VOCs in groundwater between the Site and the WAGNN public supply wells. The GWE&T system should continue to operate in order to mitigate potential impacts to the WAGNN supply well.



FIGURES



SITE LOCATION MAP

STANTON CLEANERS
110 CUTTER MILL ROAD
GREAT NECK, NEW YORK 11021

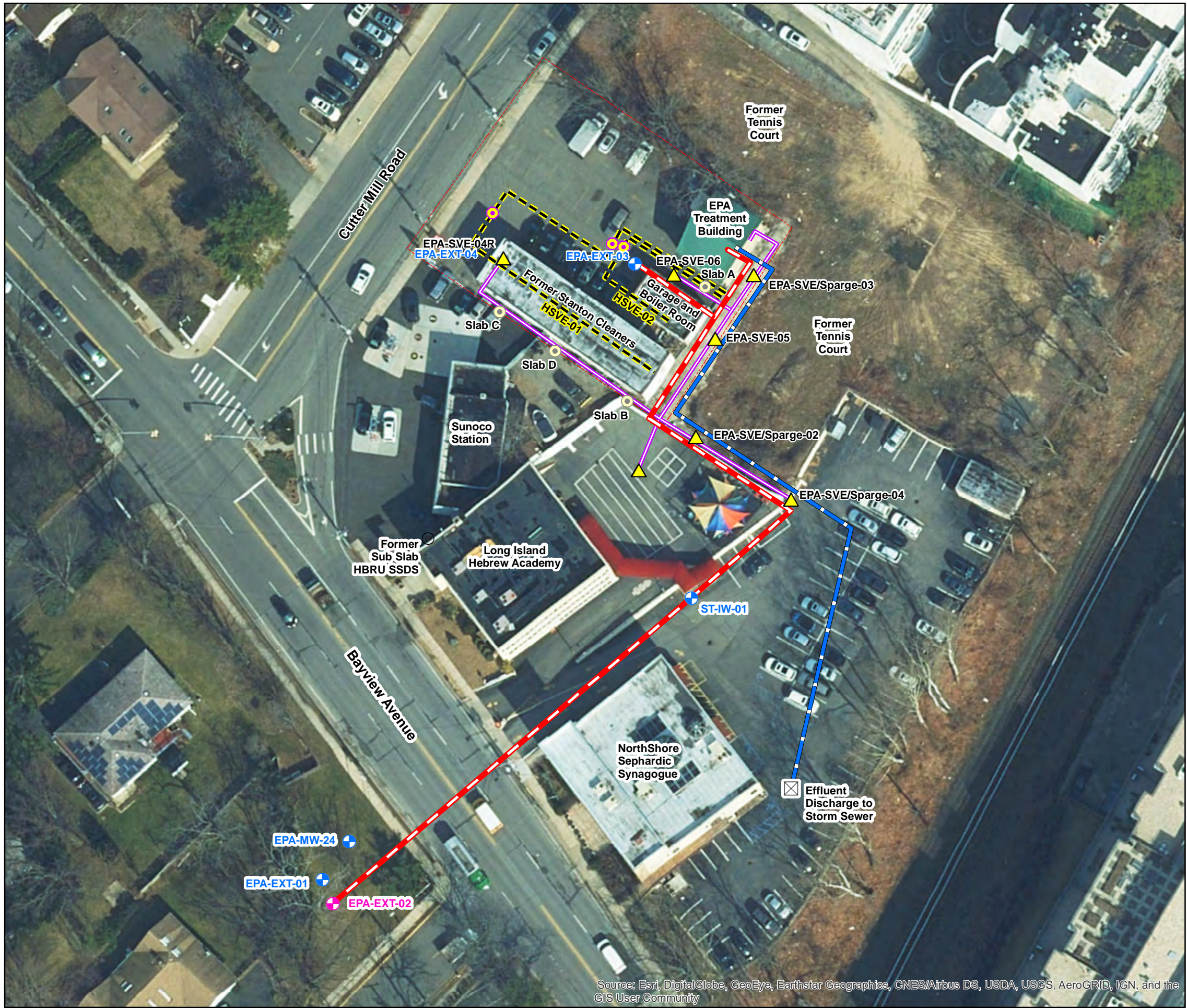
SCALE: 1" = 2000'

05/13/2020
ISSUE DATE:

DEC1003.OM
PROJECT NUMBER:

FIGURE
1

Path: S:\Data\N\NYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\NORTH HEMPSTEAD\110 CUTTER MILL ROAD, VILLAGE OF GREAT NECK PLAZA\DEC1003\OM\GIS\Figure 2 - Site Layout - UPDATED 1-11-2021.mxd



Legend

- HSVE Cleanout
- Effluent Discharge
- SVE Well
- Non-Operational Extraction Well
- Groundwater Extraction Well
- Groundwater Treatment Effluent Line
- Groundwater Treatment Influent Line
- Horizontal SVE Well
- Existing SVE System Suction Line
- Stanton Cleaners Property

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North

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Revisions	No.	Date	Designed By:	Drawn By:	Reviewed By:
			AAL	BOB	DJF
Issue Date:	01/11/2021	Project No:	DEC1003.OM	Sheet Size:	11x17

Site Layout

Stanton Cleaners Site
110 Cutter Mill Road
Village of Great Neck Plaza
New York

Fig. 2



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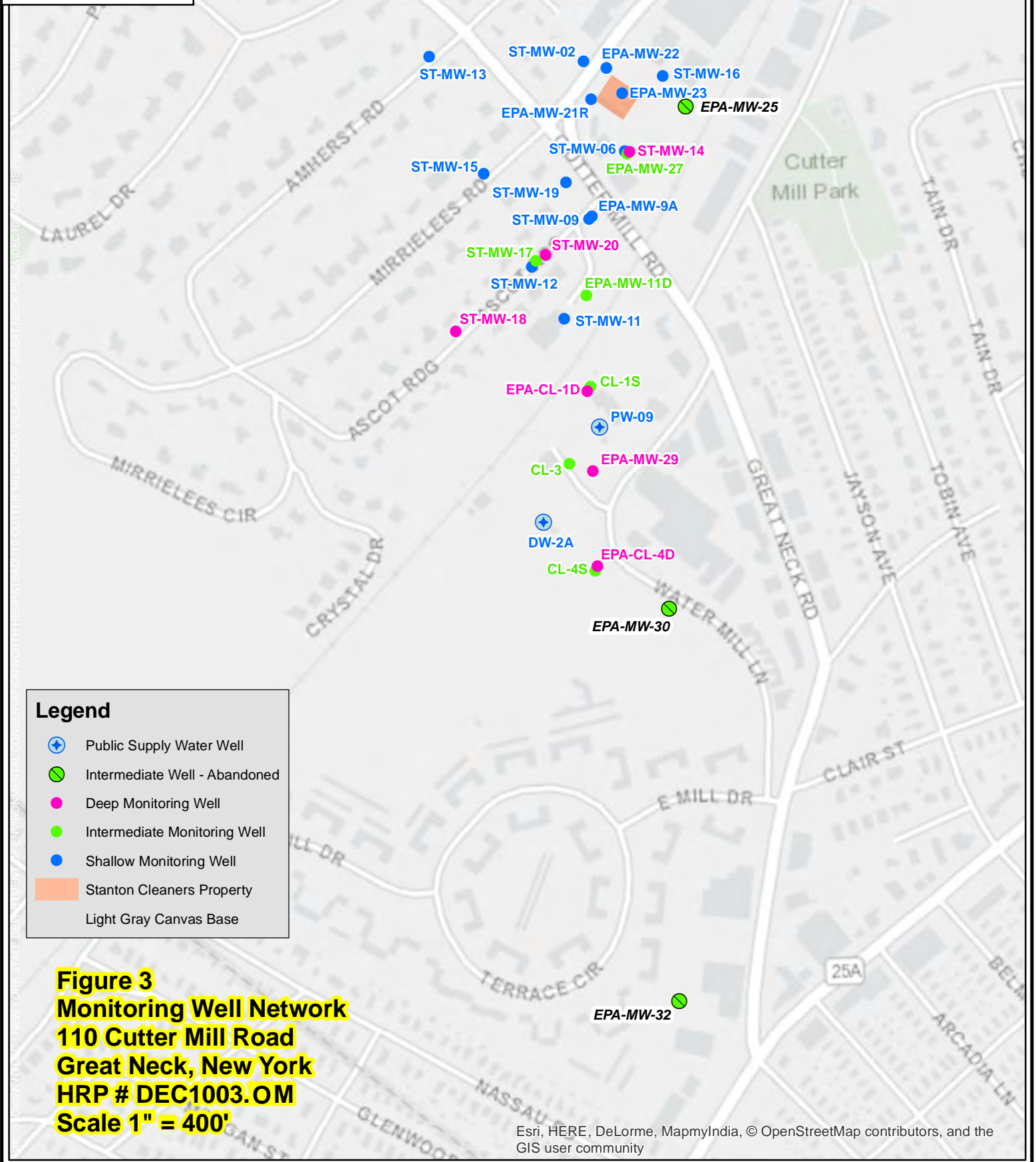
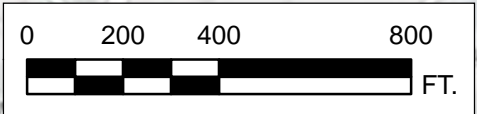


Figure 3
Monitoring Well Network
110 Cutter Mill Road
Great Neck, New York
HRP # DEC1003.OM
Scale 1" = 400'

TABLES

Table 1: Groundwater Extraction and Treatment System

Summary of VOC Mass Removal
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Sample Date	Period (Number of days between samples)	Total Flow (Gallons)	Influent PCE Concentration (µg/L)	PCE Mass Removed (lbs/month)	Cumulative PCE Mass Removed (lbs)
3/20/2020	---	955939.0	5.4	0	10.79
4/15/2020	26	3154729.6	4.2	0.08	10.87
5/6/2020	21	4943370	4.3	0.06	10.93
6/3/2020	28	7305163	3.3	0.07	11.00
7/6/2020	33	10090087	3.9	0.09	11.09
8/5/2020	30	12578875.3	4.6	0.10	11.18
9/1/2020	27	14821635	5.1	0.10	11.28
10/7/2020	36	17759245	3.1	0.08	11.35
11/12/2020	36	20773518	3.4	0.09	11.44
12/7/2020	25	22720425	3.9	0.06	11.50
1/19/2021	43	26183400	3.7	0.11	11.61
2/23/2021	35	28958200	5.8	0.13	11.74
3/18/2021	23	31080160	3.8	0.07	11.81
4/28/2021	41	34360160	3.7	0.10	11.91
5/25/2021	27	36542181	4.7	0.09	12.00
6/30/2021	36	39428222	3.7	0.09	12.09
7/28/2021	28	41672920	3.8	0.07	12.16
8/31/2021	34	44398626	4.5	0.10	12.26
9/28/2021	28	46643324	4.6	0.09	12.35

Notes

PCE = Tetrachloroethylene

lbs = pounds

µg/L = micrograms per cubic liter

Table 2: Groundwater Extraction and Treatment System - Influent and Effluent Analytical Results
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Lab Report No.: Sample Name: ID: Date Collected:			4602399661	4602399661	4602421751	4602421751	4602440771	4602440771
			Effluent	EPA EXT-02	Effluentt	EPA EXT-02	Effluent	EPA EXT02
			EFFLUENT	EPA EXT-02	EFFLUENTT	EPA EXT-02	EFFLUENT	EPA EXT02
			7/28/2021	7/28/2021	9/3/2021	9/3/2021	9/28/2021	9/28/2021
	Unit	NYSDEC CLASS GA CRITERIA						
VOC								
1,1,1-Trichloroethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	ug/l	0.04	< 1.0	< 1.0			< 1.0	< 1.0
1,2-Dibromoethane (EDB) (ethylene dibromide)	ug/l	0.0006	< 1.0	< 1.0			< 1.0	< 1.0
1,2-Dichlorobenzene	ug/l	3	< 1.0	< 1.0			< 1.0	< 1.0
1,2-Dichloroethane	ug/l	0.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/l	3	< 1.0	< 1.0			< 1.0	< 1.0
1,3-Dichloropropene (cis)	ug/l	0.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropene (trans)	ug/l	0.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/l	3	< 1.0	< 1.0			< 1.0	< 1.0
2-Butanone (MEK)	ug/l	50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Hexanone (Methyl butyl ketone/MBK)	ug/l	50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	ug/l	50	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
Benzene	ug/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon disulfide	ug/l	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon tetrachloride	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/l	7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	ug/l	5	< 1.0	< 1.0			< 1.0	< 1.0
Ethylbenzene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	ug/l	5	< 1.0	< 1.0			< 1.0	< 1.0
m-,p-,o- Xylene	ug/l	5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Methyl isobutyl ketone (MIBK)	ug/l		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Methylene chloride	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethylene	ug/l	5	1.8	3.8	2.3	4.5	3.9	4.6
Toluene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	ug/l	5	< 1.0	< 1.0			< 1.0	< 1.0
Vinyl chloride	ug/l	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Legend	
<1	Parameter not detected above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion
1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes:
µg/l = micrograms per liter
VOCs = Volatile organic Compounds



**Table 3: Soil Vapor Extraction System
Influent and Effluent Analytical Results**
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Lab Report No.:		140247711	140247711
Sample Name:		SVE-EFF	SVE-INF
ID:		SVE-EFF	SVE-INF
Date Collected:		28 Sep 2021	28 Sep 2021
	Units		
VOC			
2-Butanone (MEK)	ug/m3	10	38
cis-1,2-Dichloroethylene	ug/m3	0.89	44
Dichlorodifluoromethane	ug/m3	3.3	< 4.0
Ethanol	ug/m3	310	150
Tetrachloroethylene	ug/m3	86	1000
Trichloroethylene	ug/m3	1.7	47

Notes:

µg/m3 = micrograms per cubic meter

VOCs = Volatile Organic Compounds

Table 4: Soil Vapor Extraction System
Summary of VOC Mass Removal
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Sample Date	Period (Days)	PCE Concentration (mg/m ³)	TCE Concentration (mg/m ³)	cis-1,2-DCE Concentration (mg/m ³)	Flowrate (cfm)	Ave. PCE Concentration (mg/m ³)	PCE Discharge (lbs)	Ave. TCE Concentration (mg/m ³)	TCE Discharge (lbs)	cis-1,2-DCE Concentration (mg/m ³)	cis-1,2-DCE Discharge (lbs)	Cumulative VOC Mass Removed (lbs)
3/20/2020	1	34.00	0.41	0.40	189	17.00	0.29	0.21	0.00	0.20	0.00	0
6/3/2020	75	10.00	0.28	0.40	189	22.00	28.03	0.35	0.44	0.40	0.00	28.47
9/1/2020	90	12.00	0.39	0.32	189	11.00	16.82	0.34	0.51	0.36	0.00	45.81
12/7/2020	97	5.30	0.16	0.15	186	8.65	14.03	0.28	0.45	0.235	0.00	60.28
12/24/2020	17	5.30	0.16	0.15	186	5.30	1.51	0.16	0.05	0.150	0.00	61.84
SVE Temporarily Shut Down												
3/18/2021	1	0.00	0.022	0.00	186	0.00	0.00	0.01	0.00	0.000	0.00	61.84
3/31/2021	13	0.00	0.022	0.00	186	0.00	0.00	0.02	0.00	0.00	0.00	61.84
6/30/2021	91	0.20	0.0063	0.0066	21.8	0.10	0.02	0.01	0.00	0.00	0.00	61.86
9/28/2021	90	1.00	0.0470	0.0440	20.07	0.60	0.10	0.03	0.00	0.03	0.00	61.96

Notes:

PCE = Tetrachloroethylene

TCE = Trichloroethylene

Cis-1,2-DCE = cis-1,2-dichloroethylene

cfm = cubic feet per minute

ave. = average

lbs = pounds

mg/m³ = milligrams per cubic meter

SVE system was shut down between 12/24/2020 and 3/18/2021

Table 5: Well Monitoring Schedule
Stanton Cleaners - NYSDEC # 130072
110 Cutter Mill Road, Great Neck, NY

Well ID	Monthly Gauging	Semi-Annual Sampling
EPA-MW-9A	X	X
EPA-MW-11D	X	X
EPA-MW-21R	X	X
EPA-MW-23	X	X
EPA-MW-26	X	X
EPA-MW-27	X	X
ST-MW-11	X	X
ST-MW-12	X	X
ST-MW-13	X	X
ST-MW-14	X	X
ST-MW-15	X	X
ST-MW-16	X	X
ST-MW-17	X	X
ST-MW-18	X	X
ST-MW-19	X	X
ST-MW-20	X	X

Note: Semi-annual sampling conducted in January and July

Table 6: Semi-Annual Groundwater Monitoring
Summary of Analytical Results
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Lab Report No.: Sample Name: ID: Date Collected:			4602399661	4602399661	4602399661	4602399661	4602399661	4602399751	4602399661	4602399661	4602399661	4602399661
			EPA-MW-9A	EPA-MW-11d	EPA-MW-21R	EPA-MW-23	EPA-MW-26	EPA-MW-27	ST-MW-11	ST-MW-12	ST-MW-13	ST-MW-14
			EPA-MW-9A	EPA-MW-11D	EPA-MW-21R	EPA-MW-23	EPA-MW-26	EPA-MW-27	ST-MW-11	ST-MW-12	ST-MW-13	ST-MW-14
			7/27/2021	7/27/2021	7/28/2021	7/27/2021	7/28/2021	7/27/2021	7/27/2021	7/27/2021	7/27/2021	7/27/2021
	Unit	NYSDEC CLASS GA CRITERIA										
VOCs												
1,1-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.0
Bromodichloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.89	< 1.0
Chloroform	ug/l	7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0
cis-1,2-Dichloroethylene	ug/l	5	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37
Dibromochloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0
Tetrachloroethylene	ug/l	5	< 1.0	< 1.0	29	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.47
Toluene	ug/l	5	< 1.0	< 1.0	< 1.0	0.82	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	5	< 1.0	< 1.0	0.79	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.35

Legend		
<1	Parameter not detected above the laboratory reporting limit	
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory criterion	
1	Parameter reported at a concentration greater than applicable regulatory standard/criterion	

Notes:
µg/l = micrograms per liter
VOCs = Volatile Organic Compounds



Table 6: Semi-Annual Groundwater Monitoring
Summary of Analytical Results
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY

Lab Report No.: Sample Name: ID: Date Collected:			4602399661	4602399661	4602399661	4602399751	4602399751	4602399751	4602399751	4602399751
			ST-MW-15	ST-MW-16	ST-MW-17	ST-MW-18	ST-MW-19	ST-MW-20	MW-100	MW-101
			ST-MW-15	ST-MW-16	ST-MW-17	ST-MW-18	ST-MW-19	ST-MW-20	MW-100	MW-101
			7/28/2021	7/28/2021	7/27/2021	7/28/2021	7/28/2021	7/27/2021	7/27/2021	7/27/2021
	Unit	NYSDEC CLASS GA CRITERIA								
VOCs										
1,1-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	0.44	< 1.0	1.1	< 1.0	< 1.0
Bromodichloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87
Chloroform	ug/l	7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2
cis-1,2-Dichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	ug/l	50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.85
Tetrachloroethylene	ug/l	5	< 1.0	0.56	0.32	1.0	9.2	0.67	< 1.0	< 1.0
Toluene	ug/l	5	0.72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethylene	ug/l	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Legend		
<1		Parameter not detected above the laboratory reporting limit
1		Parameter reported above the laboratory reporting limit but below the applicable regulatory criterion
1		Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes:
µg/l = micrograms per liter
VOCs = Volatile Organic Compounds



Table 7: Annual SPDES Sampling - Summary of Analytical Results

Stanton Cleaners - NYSDEC Site # 130072

110 Cutter Mill Road, Great Neck, NY

Lab Report No.:		4602440781
Sample Name:		SW-CB-1
ID:		SW-CB-1
Date Collected:		30 Sep 2021
	Units	
Metals		
Barium	ug/l	40.4
Calcium	ug/l	45000
Iron	ug/l	< 150
Manganese	ug/l	< 15.0
Potassium, Total	ug/l	2960
Sodium, Total	ug/l	80300
Metals - Dissolved		
Iron	ug/l	< 150
Manganese	ug/l	< 15.0
Metals - Total		
Barium	ug/l	40.4
Calcium	ug/l	45000
Iron	ug/l	< 150
Manganese	ug/l	< 15.0
Potassium, Total	ug/l	2960
Sodium, Total	ug/l	80300
Miscellaneous		
Biochemical Oxygen Demand	mg/l	< 1.0
Corrosivity	pH Units	7.0
pH	pH Units	7.0
Sulfate	mg/l	39.9
Sulfide	mg/l	2.2
Total Dissolved Solids	mg/l	620
VOCs		
Bromomethane	ug/l	2.6
Chloromethane	ug/l	33
Tetrachloroethylene	ug/l	3.0

Notes:

mg/l = milligrams per liter

µg/l = micrograms per liter

VOCs = Volatile Organic Compounds

APPENDIX A



Daily Operation and Maintenance Reports



DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

NYSDEC Division of Environmental Remediation				 Department of Environmental Conservation				NYSDEC Contract No. D011107	
Site Location: 110 Cuttermill Rd Great Neck, NY								Superintendent: NYSDEC PM: P. Long Consultant PM: D. Feinson Consultant Site Inspectors: Adam, Gandarillas, Labbe	
Weather Conditions									
General Description	sunny	AM	Sunny	PM					
Temperature	86	AM	88	PM					
Wind	SW	AM	N	PM					
Health & Safety If any box below is checked "Yes", provide explanation under "Health & Safety Comments".									
Were there any changes to the Health & Safety Plan?						*Yes	No	NA	
Were there any exceedances of the perimeter air monitoring reported on this date?						*Yes	No	NA	
Were there any nuisance issues reported/observed on this date?						*Yes	No	NA	
Health & Safety Comments									
Summary of Work Performed				Arrived at site:	6:30am	Departed Site:	4:30pm		
Groundwater monitoring. Monthly building inspection, system monitoring.									
Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".									
Were there any vehicles which did not display proper D.O.T numbers and placards?						*Yes	No	NA	
Were there any vehicles which were not tarped?						* Yes	No	NA	
Were there any vehicles which were not decontaminated prior to exiting the work site?						* Yes	No	NA	
Personnel and Equipment									
Individual	Company			Trade			Total Hours		
Keith Gandarillas	HRP			Technician			10.0		
David Adam	HRP			Technician			10.0		
Chris Labbe	HRP			Technician			5.5		
Equipment Description				Contractor/Vendor			Quantity	Used	
RAE PID 10.6ev				HRP			1	1	

DAILY INSPECTION REPORT

Page 2 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

[illegible][illegible]

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
Issues Pending			
Interaction with Public, Property Owners, Media, etc.			

DAILY INSPECTION REPORT

Page 4 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Page 5 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Page 7 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 130072

Date: 07/27/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

DAILY INSPECTION REPORT

Page 1 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

[illegible]

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

[illegible]

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
Issues Pending			
Interaction with Public, Property Owners, Media, etc.			

DAILY INSPECTION REPORT

Page 4 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Page 5 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

DAILY INSPECTION REPORT

Page 6 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Page 7 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 130072

Date: 07/28/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

DAILY INSPECTION REPORT

Page 1 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

[illegible]

DAILY INSPECTION REPORT

Page 2 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

[illegible][illegible]

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
Issues Pending			
Interaction with Public, Property Owners, Media, etc.			

DAILY INSPECTION REPORT

Page 4 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Page 5 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21



Department of
Environmental
Conservation



DAILY INSPECTION REPORT

Page 6 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Page 7 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 130072

Date: 08/31/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

DAILY INSPECTION REPORT

Page 1 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

[illegible]

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

[illegible][illegible]

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Project Schedule Comments			
Issues Pending			
Interaction with Public, Property Owners, Media, etc.			

DAILY INSPECTION REPORT

Page 4 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Page 5 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

DAILY INSPECTION REPORT

Page 6 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

Site Photographs (Descriptions Below)	



Department of
Environmental
Conservation



DAILY INSPECTION REPORT

Page 7 of 9

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 09/28/21

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

APPENDIX B

Groundwater Extraction and Treatment System Operation and Maintenance Reports



Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Operations and Maintenance Data Log

Date: 7-27-21
HRP #: DEC 1003.0m
Field Personnel: DSA

Pump	Flow (GPM)	Valve Open	Data from Computer Screen System:
	166	100%	
Total Gallons Treated	611984387		
Discharge Rate	293gpm		
Discharge Conductivity	7.97		
Discharge pH	5.6		
SVE Air Flow Rate (CFM)	199 CFM		

Visual Digital Readouts from Catwalk	
Discharge pH	4.48
Discharge Temperature	24°C
Discharge Conductivity	1.19

Flow Meter Reading	
Flow Rate (GPM)	57
Total Gallons	1339330.1

meter display in 100 of gallons

Effluent Flow Meter Reading	
Flow Rate	2504
Total Gallons (GPH)	66678399

Weather:

Notes: used YSI 650 to check conductivity and pH conductivity 691
pH 6.50 at 20.01°C
sampled effluent at 12:00pm 7-28 and influent (EPA EXT-02) at 12:03pm 7-28

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Operations and Maintenance Data Log

Date: 8-31-21

HRP #: DEC 1002.0m

Field Personnel: OJA/KG

Pump	Flow (GPM)	Valve Open	Data from Computer Screen System:
RW-2	166	100%	
Total Gallons Treated			
620292050			
Discharge Rate			
293 gpm			
Discharge Conductivity			
7.88			
Discharge pH			
5.6			
SVE Air Flow Rate (CFM)			
11 cfm			

Visual Digital Readouts from Catwalk	
Discharge pH	4.61
Discharge Temperature	22°C
Discharge Conductivity	1.21

Flow Meter Reading	
Flow Rate (GPM)	56
Total Gallons	4119973.1

meter display in 100 of gallons

Effluent Flow Meter Reading	
Flow Rate	2489
Total Gallons (GPH)	14851135

Weather: Cloudy 79°F

Notes: Used YSI 650 to check conductivity, and pH. Conductivity, 852 and pH 6.70 at ~~77.0°F~~ 19.6°C. Sampled effluent at 10:22A. Influent EPA EXT-02 at 10:25AM.

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Operations and Maintenance Data Log

Date: 9-28-21

HRP #:

Field Personnel: OJA/KG

Pump	Flow (GPM)	Valve Open	Data from Computer Screen System:
Rw-2	166	100%	
Total Gallons Treated			
626959687			
Discharge Rate			
293			
Discharge Conductivity			
7.92			
Discharge pH			
5.6			
SVE Air Flow Rate (CFM)			
6			

Visual Digital Readouts from Catwalk	
Discharge pH	4.56
Discharge Temperature	21.00
Discharge Conductivity	1.21

Flow Meter Reading	
Flow Rate (GPM)	56
Total Gallons	6363528.0

meter display in 100 of gallons 7:34

Effluent Flow Meter Reading	
Flow Rate	2485
Total Gallons (GPH)	1687969.6

Weather:

Notes: Used Ecosense YSI pH 6.37 18.4°C on-site
YSI 650 used to check conductivity, 613 recorded

APPENDIX C

Soil Vapor Extraction System Operation and Maintenance Reports



Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 7-28-21
HRP #: DEC. 1003.0m

Pipe ID		FID	MultiRate					VelocCalc				
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709		1.3	0	20.9	0	0.0	81.5	16.5	52.8	66.2	22.57
Post-Blower Pre-Carbon*	5.706		3.7	0	20.0	0	0.0	90.4	0.90	56.8	65.2	100.12
EPA-SVE-1 (shallow)	1.913		0.9	0	20.3	0	0.0	91.4	0.025	53.6	68.8	0.15
EPA-SVE-1 (medium)	1.913		0.0	0	20.4	0	0.0	88.1	0.025	50.7	71.2	0.13
EPA-SVE-2 (shallow)	1.913		2.2	0	20.9	0	0.0	79.1	4.6	57.4	64.1	38.61
EPA-SVE-2 (medium)	1.913		1.0	0	20.9	0	0.0	89.7	0.80	53.6	67.9	0.36
SS-A	1.913		0.0	0	20.9	0	0.0	93.4	7.8	37.5	73.1	29.13
SVE-3A	1.913		0.0	0	20.9	0	0.0	87.9	9.5	39.2	72.4	0.73
SVE-3B	1.913		7.4	0	19.3	0	0.0	86.4	7.9	36.2	71.2	88.31
SVE-1 Combined	1.913		Water	1.0	1.0							
SVE-2 Combined	1.913		61.9	0	20.9	0	0.0	95.7	7.7	40.3	70.2	42.65
HSVE-1			296.8	0	20.5	0	0.0	91.7	9.0	34.5	70.1	2.30
HSVE-2			512.2	0	20.9	0	0.0	95.3	9.3	49.6	66.6	3.66
Background	N/A		0.0	0	20.9	0	0.0			33.9	60.4	

SVE-1	On/Off Prior to Monitoring	Date	On/Off After Monitoring	Date
SVE-2				
SVE-3				
SVE-4				
EPA-SVE-04R/SSB(A)				
SS-A				
SS-B(E)				
SS-B(C)				
L1				
L2				
HSVE-1				
HSVE-2				

Equipment Calibrated by: _____ Air Readings Collected by: _____

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide
Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 8-31-21
HRP #: DEC 1003 QM

Pipe ID	NO VOC	Multitrac					VelocCalc				
		VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709	0.2	0	20.2	0	0	86.3	11.0	67.6	75.5	21.41
Post-Blower Pre-Carbon*	5.705	2.3	0	20.4	0	0	92.5	1.1 press	68.9	73.8	96.82
EPA-SVE-1 (shallow)	1.913	2.1	0	20.9	0	0	79.7	0.03	81.8	74.3	0.03
EPA-SVE-1 (medium)	1.913	0.6	0	20.9	0	0	79.0	0.02	84.3	73.8	0.7
EPA-SVE-2 (shallow)	1.913	0.7	0	19.6	0	0	78.0	4.9	81.5	74.1	38.73
EPA-SVE-2 (medium)	1.913	0.0	0	20.9	0	0	79.0	0.7	81.7	73.6	0.06
SS-A	1.913	0.0	0	20.9	0	0	81.2	8.1	87.2	73.9	27.44
SVE-3A	1.913	1.0	0	19.0	0	0	83.0	8.2	69.1	73.0	0.15
SVE-3B	1.913	0.7	0	19.5	0	0	78.9	7.9	69.0	75.0	89.89
SVE-1 Combined	1.913	Water in	1.02								
SVE-2 Combined	1.913	0.0	0	20.1	0	0	81.3	7.9	78.4	71.4	41.63
HSVE-1		213.5	0	20.9	0	0	84.1	8.8	68.3	77.3	1.65
HSVE-2		3.2	0	20.9	0	0	89.5	9.6	63.0	80.2	1.42
Background	N/A	0.0	0	20.9	0	0	85.0	—	82.2	73.9	—

Blower Vac. 30.0" prior to closing extraction wells
35.0" after some extraction wells closed.

SVE-1 Combined	On/Off Prior to Monitoring	Date	On/Off After Monitoring	Date
SVE-1 Combined	open	8-31	closed	
SVE-2 Combined			open	
SVE-3 A			closed	
SVE-3 B			25% open	
EPA-SVE-04R/SSB(A)			closed	
SS-A				
SS-B				
SS-C				
SS-D				
SS-E				
HSVE-1			open	
HSVE-2			open	

Equipment Calibrated by: 05A
Air Readings Collected by: 05A

RID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide
Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE Effluent relabeled as "Post-Blower Pre-Carbon"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 9.28.21

HRP #:

	Pipe ID	PID		MultiRae					VelociCalc				
		VOC		VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709			3.8	0	20.9	0	0.0	74.7	14.5	55.0	58.1	20.0
Post-Blower Pre-Carbon*	5.706			23.1	0	20.0	0	0.0	88.0	0.80	60.8	54.2	77.4
EPA-SVE-1 (shallow)	1.913												
EPA-SVE-1 (medium)	1.913												
EPA-SVE-2 (shallow)	1.913												
EPA-SVE-2 (medium)	1.913												
SS-A	1.913												
SVE-3A	1.913												
SVE-3B	1.913			0.0	0	18.8	0	0.0	78.9	0.40	54.7	57.7	16.41
SVE-1 Combined	1.913												
SVE-2 Combined	1.913												
hSVE-1				25.0	0	20.9	0	0.0	70.0	11	66.5	58.7	101.51
hSVE-2				2.3	0	20.9	0	0.0	70.2	12.5	58.3	61.0	60.74
Background	N/A			0.0	0	20.0	0	0.0	69.9		54.1	52.5	

SVE-1	On/Off Prior to Monitoring	Date	On/Off After Monitoring	Date
SVE-2	off			
SVE-3				
SVE-4				
EPA-SVE-04R/SSB(A)				
SS-A				
SS-B(B)	open	25/10/09CN		
SS-B(C)	off			
L1				
L2				
hSVE-1	on	10/070		
hSVE-2	on	10/070		

Equipment Calibrated by: DSA Air Readings Collected by: DSA

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide

*SVE Effluent relabeled as "Post-Blower Pre-Carbon"

34.0" SVE Blower

APPENDIX D

Monthly Groundwater Level Measurements



**Stanton Cleaners Area Superfund Site
Water Level Data Summary**

Site: Stanton Cleaners Area Superfund Site

Date: 7/27/21

Location: 110 Cutter Mill Road, Great Neck, NY

Project #: DEC10030M

Field Personnel: KG, CLK, DJA

Well ID	Depth to Water (feet)	Time	Notes
EPA-MW-11D	60.81	6:54	
EPA-MW-21R	67.03	7:37	
EPA-MW-23	65.00	7:31	
EPA-MW-26	59.65	7:49	
EPA-MW-27	52.47	7:16	
EPA-MW-9A	64.73	6:55	
ST-MW-11	61.03	6:52	
ST-MW-12	72.08	7:02	
ST-MW-13	86.73	7:09	
ST-MW-14	60.37	7:15	
ST-MW-15	74.32	7:06	
ST-MW-16	54.95	7:45	
ST-MW-17	71.81	7:00	
ST-MW-18	79.41	7:03	
ST-MW-19	67.45	6:57	
ST-MW-20	77.28	6:59	

Stanton Cleaners Area Superfund Site
Water Level Data Summary

Site: Stanton Cleaners Area Superfund Site

Date: 5/31/21

Location: 110 Cutter Mill Road, Great Neck, NY

Project #: DEC1004021

Field Personnel: DJA, KS

Well ID	Depth to Water (feet)	Time	Notes
EPA-MW-11D	58.39	8:19	
EPA-MW-21R	66.18	8:48	
EPA-MW-23	64.20	8:50	
EPA-MW-26	59.08	8:43	
EPA-MW-27	51.23	8:13	
EPA-MW-9A	63.41	8:17	needs new HW
ST-MW-11	59.21	8:21	
ST-MW-12	70.83	8:27	
ST-MW-13	86.20	8:38	
ST-MW-14	54.70	8:11	ponded water
ST-MW-15	73.56	8:34	
ST-MW-16	54.71	8:46	
ST-MW-17	70.26	8:25	
ST-MW-18	74.26	8:29	no HW Rm
ST-MW-19	66.31	8:15	
ST-MW-20	71.49	8:24	

**Stanton Cleaners Area Superfund Site
Water Level Data Summary**

Site: Stanton Cleaners Area Superfund Site

Date: 9.28.21

Location: 110 Cutter Mill Road, Great Neck, NY

Project #: DEC 1003 03

Field Personnel: KG

Well ID	Depth to Water (feet)	Time	Notes
EPA-MW-11D	59.12	7:08A	no bolts
EPA-MW-21R	65.76	6:57A	BHS 1 tab broken
EPA-MW-23	63.26	6:54A	BHS
EPA-MW-26	58.08	7:31A	no bolts
EPA-MW-27	50.68	7:03A	no bolts
EPA-MW-9A	63.00	7:06A	no HW or rim
ST-MW-11	59.32	7:10A	no bolts
ST-MW-12	70.31	7:15A	no bolts
ST-MW-13	85.15	7:26A	no bolts
ST-MW-14	58.18	7:01A	no bolts, ponded water
ST-MW-15	72.81	7:23A	no bolts
ST-MW-16	52.87	7:34A	no bolts, tabs broken
ST-MW-17	70.18	7:14A	no bolts
ST-MW-18	76.27	7:18A	no HW or rim
ST-MW-19	65.70	7:04A	no bolts
ST-MW-20	74.90	7:13A	no bolts

APPENDIX E

Fire Safety Reports



Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items		
Item	Description	Result
1	Exit signs internally or externally illuminated	Yes
2	Smoke alarms tested and functioning	Yes
3	Water leaks/water damage observed inside building	No
4	Fire extinguishers within expiration or inspected annually	Yes
5	All fire extinguishers present	Yes
6	Electrical Breaker Panel Issues	Yes
7	Covers present on all junction boxes, electrical switches, and outlets	Yes
8	Any evidence of pests present inside building (rodents, insects, etc.)	Yes
9	Emergency lighting tested and functioning	Yes

Periodic System Testing and Inspection			
Item	Description	Frequency	Date Last Performed
10	Sprinkler system testing	Annual	
11	Battery powered emergency lighting tested	Annual	
12	Fire Extinguishers annual inspection	Annual	
13	Emergency Lighting Testing	Monthly	

Inspected By: *DJA*
 Inspection Date: *7-27-21*

Other Items Noted:

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items		
Item	Description	Result
1	Exit signs internally or externally illuminated	Yes
2	Smoke alarms tested and functioning	Yes
3	Water leaks/water damage observed inside building	No
4	Fire extinguishers within expiration or inspected annually	Yes
5	All fire extinguishers present	Yes
6	Electrical Breaker Panel Issues	Yes
7	Covers present on all junction boxes, electrical switches, and outlets	Yes
8	Any evidence of pests present inside building (rodents, insects, etc.)	No
9	Emergency lighting tested and functioning	Yes

Periodic System Testing and Inspection			
Item	Description	Frequency	Date Last Performed
10	Sprinkler system testing	Annual	
11	Battery powered emergency lighting tested	Annual	
12	Fire Extinguishers annual inspection	Annual	
13	Emergency Lighting Testing	Monthly	

Inspected By: OJA/KG
 Inspection Date: 8/31/21

Other Items Noted: Check on sprinkler system appears to be all 1/2" poly lines connected to sprinkler heads

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items		
Item	Description	Result
1	Exit signs internally or externally illuminated	Yes
2	Smoke alarms tested and functioning *	Yes
3	Water leaks/water damage observed inside building	No
4	Fire extinguishers within expiration or inspected annually	Yes
5	All fire extinguishers present *	Yes
6	Electrical Breaker Panel Issues	No
7	Covers present on all junction boxes, electrical switches, and outlets	Yes
8	Any evidence of pests present inside building (rodents, insects, etc.)	No
9	Emergency lighting tested and functioning	Yes

Periodic System Testing and Inspection			
Item	Description	Frequency	Date Last Performed
10	Sprinkler system testing	Annual	
11	Battery powered emergency lighting tested	Annual	
12	Fire Extinguishers annual inspection	Annual	
13	Emergency Lighting Testing	Monthly	9/28/21

Inspected By:
 Inspection Date: 9-28-21

Other Items Noted:

* All smoke alarms replaced with 10 year battery models
 Fire extinguishers all properly tagged and labeled