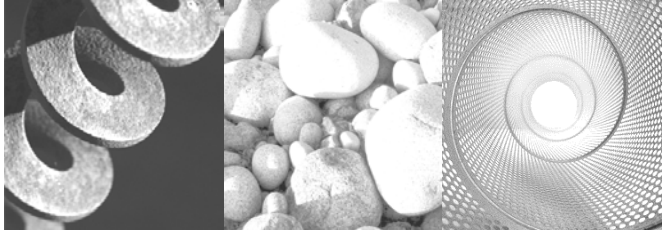

GEI Consultants

Consulting
Engineers and
Scientists

Interim Remedial Measure
Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York 11101
BCP Site No. C241214

Prepared for:
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Submitted to:
New York State Department of Environmental Conservation
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November 2021
Project 1800522

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Certification

I, Gary A. Rozmus, certify that I 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 Interim Remedial Measure Work Plan (IRMWP) was implemented and that all construction activities were completed in substantial conformance with the Department-approved IRMWP.

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 are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Gary A. Rozmus, of 1000 New York Avenue, Suite B, Huntington Station, New York, am certifying as Owner's Designated Site Representative for the site.

Gary A. Rozmus
NYS Professional Engineer # 056744

11/12/2021
Date

1. Introduction

31st Avenue Associates LLC and 37-26 30th Street LLC (the "Applicants") entered into a Brownfield Cleanup Agreement (BCA) with the New York Department of Environmental Conservation (NYSDEC) on September 17, 2018 (Index No. C241214-08-13), to investigate and potentially remediate the 0.368-acre property consisting of two congruent tax lots located at 37-24 through 37-28 30th Street (Tax Block 371, Tax Lots 33 and 34), in Long Island City, New York (hereafter referred to as the "Site"). The Applicants are Volunteers in the Brownfield Cleanup Program (BCP).

The Site is currently undergoing redevelopment but was historically used for dry cleaning businesses and as an auto repair facility. Previous reports and limited investigations identified guidance value exceedances of compounds in soil and groundwater potentially indicative of historic fill, with elevated chlorinated compound exceedances in vapor sampling completed in soil, sub-slab, and indoor air. A detailed history of the previous environmental work completed at the Site is included in the Remedial Investigation Work Plan (RIWP) dated January 2019.

Results of the Remedial Investigation (RI) documented similar chlorinated compound exceedances, and the Contaminants of Concern (COCs) for the Site were tentatively identified to be tetrachloroethene (PCE) and trichloroethene (TCE). Though PCE and TCE were observed throughout the Site in groundwater and soil vapor, a source area in soil media was not identified. It was recognized that COC and petroleum-impacted soil may potentially be present at the Site.

An Interim Remedial Measure Work Plan (IRMWP), dated June 2019, was developed to investigate for any potential impacted soil or COC source areas via a grid system excavation. The IRMWP called for the removal and off-Site disposal of approximately 9,000-cubic yards (CY) of material from the upper 15-feet below ground surface (ft. bgs) of the Site following screening, sampling, and segregation of COC- or petroleum-impacted soils.

This IRM Construction Completion Report (CCR) provides detailed documentation of the implementation of the IRMWP. Means and methods for all components of the scope of work are described. Supporting information and sampling data are presented in figures and tables. Relevant project-related documentation such as waste manifests and laboratory reports are included as appendices. Findings are discussed, and connections are drawn to the NYSDEC-approved Remedial Action Work Plan (RAWP), dated December 2020.

1.1 Project Background

The Site is located in the Long Island City section of Queens, New York, and is identified as Block 371 and Tax Lot 33 (37-24 30th Street) and Lot 34 (37-28 30th Street) on the New York City Tax Map. A United States Geological Survey (USGS) topographical quadrangle map (Fig. 1) shows the Site location. The Site is located within a primarily mixed use, industrial/warehouse, commercial, and residential area of Queens, New York. The 0.368-acre Site is bounded by a 2-story office building to the north, an auto repair shop and two residential houses to the south, 30th Street to the east, and Old Ridge Road to the west (Fig.2).

Prior to August 2018, the Site was used for two commercial dry-cleaning businesses and one auto repair business and contained three separate tenant spaces. The Site features included a 1-story structure with partial 2-story section and partial basement, located within the auto repair business parcel that is approximately 400-square feet (sf) in size. Access to the Site was provided through bay doors on 30th Street and Old Ridge Road. The auto repair shop, Millennium Auto Collision, occupied half of Tax Lot 34 with the physical address of 37-28 30th Street; the first drycleaner, Enterprise Cleaners, occupied the remaining half of Tax Lot 34 with the physical address of 37-26 30th Street; and the second drycleaner, Season Wash, occupied Tax Lot 33 with the physical address of 37-24 30th Street. As of August 2018, the Site was purchased, all tenants have vacated the properties, and partial structural demolition was initiated.

At the time of demolition, there were three inactive 275-gallon Aboveground Storage Tanks (ASTs) utilized for fuel oil storage located within the 37-26 30th Street tenant space, one inactive 275-gallon waste oil AST located within the 37-28 30th Street tenant space, and one approximately 2,500-gallon capacity heating oil AST utilized for fuel oil storage located within the partial basement below the former Millennium Auto Collision tenant.

1.2 Remedial Investigation Findings

The RIWP was implemented by GEI during February and March 2019 and encompassed the sampling of soil, groundwater, and soil vapor media. Results were presented in the Remedial Investigation Report (RIR) dated January 2020. The results of the RI and of the previous investigations conducted at the Site indicated that impacts were present in groundwater and soil vapor, but a potential source of groundwater contamination was not identified. The following is a summary of the RI findings:

Soil

Exceedances of the Title 6 New York Codes, Rules and Regulations (6NYCRR) Part 375 Section 6.8 Unrestricted Use Soil Cleanup Objectives (UUSCOs) were limited to metals

found within shallow soils that were identified as urban or historical fill material (0- to 5-ft. bgs) and one pesticide exceedance in unsaturated soils. The metals detected above UUSCOs are not considered COCs for the Site.

Groundwater

Groundwater exceedances of the 6NYCRR Part 703.5 Class GA Ambient Water Quality Standards (AWQS) included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals. The SVOC exceedances were limited to two monitoring wells, were minor in nature, and are not considered COCs. The metal detections and exceedances in groundwater were most likely naturally occurring or related to road salt application and were not considered COCs for the Site.

VOC impacts in the groundwater were limited to the COCs: PCE and TCE, with the exception of one chloroform exceedance, and were detected throughout the Site. TCE was detected at all shallow monitoring wells, but only exceeded AWQS in MW-2S (5.2 µg/L) and in the only deep screened monitoring well MW-3D (8.9 µg/L). PCE was detected at every monitoring well with exceedances observed at eight locations, including the duplicate sample collected at MW-5I.

Emerging contaminants 1,4-Dioxane and PFAS compounds were sampled in the groundwater at one upgradient and one downgradient monitoring well. 1,4-Dioxane was detected in one monitoring well, MW-2S, above the screening level. Analytical results collected from monitoring wells MW-2S and MW-3S are below the health advisory level established for PFOA and PFOS. The total PFAS concentration at MW-2S and MW-3S are below the health advisory level established. No historical on- or off-Site sources were identified for 1,4-Dioxane, PFOA, or PFOS.

Based on the Site-specific groundwater depths and calculated elevations, groundwater flows beneath the Site in a westerly direction. Due to the location of the monitoring wells, the exceedances, and the groundwater contour direction, it was determined to be highly probable that residual contaminants were present in the groundwater as a result of a historic discharge from ASTs or machinery historically located in the dry cleaner on the eastern portion of Tax Lot 34.

Soil Vapor

Chlorinated VOCs, primarily PCE and TCE, were detected in all seven of the soil vapor sample locations. Elevated levels of chlorinated VOCs were found throughout the Site, with the highest detection located in the north and eastern portions of the Site. Consistent with groundwater contamination sources, soil vapor concentrations were likely related to the former dry-cleaning facilities that historically operated on-Site within the eastern portion of

Tax Lot 34. Petroleum-related VOCs were detected in four of the seven soil vapor samples collected. No other on- or off-Site sources were identified.

Based on these sub-surface concentrations detected at the elevation of the proposed building foundation (15-ft. bgs), it was determined to be likely that soil vapor intrusion could potentially impact future buildings without remedial action.

1.3 Project Organization and Responsibility

NYSDEC approved the IRMWP in a letter dated September 4, 2019. GEI notified NYSDEC via email of plans to begin IRMWP implementation on August 13, 2020. Copies of all correspondence with NYSDEC throughout the project are included in Appendix A.

The excavation subcontractor was responsible for all excavation activities, including but not limited to compliance with all applicable Occupational Safety and Health Administration (OSHA) regulations, personnel health and safety, and the installation of support of excavation.

GEI was responsible for project management, subcontractor oversight, technical oversight of IRMWP implementation, community air monitoring, and collection of analytical samples.

The following were the key personnel and agencies involved with IRMWP implementation:

NYSDEC:

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Shaun J. Surani, Project Manager
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Demolition Subcontractor:

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Phone: (516) 352-3599

Excavation Subcontractor:

Best Fitouts
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Brooklyn, NY 11222
Phone: (718) 383-0308

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Environmental Laboratory:

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
(732) 549-3900

Volunteer's Representative

The authorized representative of the Volunteers, who is authorized to sign on behalf of both 31st Avenue Associates LLC and 37-26 30th Street LLC, is:

Park Construction Corporation
c/o Robert Cerrone
1836 Gilford Avenue
New Hyde Park, NY 11040
Phone: (516) 352-3599

2. Interim Remedial Measure Scope of Work

The IRMWP was developed based on review of the data collected during the RI and the previous investigations conducted at the Site. The scope of work consisted of the following components:

- Demolition of the on-Site buildings.
- Removal of five inactive ASTs located throughout the Site.
- Decommissioning of the temporary monitoring wells installed during the RI.
- Field screening, inspection, and analysis of excavated material.
- Removal of approximately 9,000-CY of material, for off-Site disposal or treatment at a regulated facility, to the proposed redevelopment depth of 9.5- to 14.5-ft. bgs Site-wide.
- If necessary, dewatering of the excavation area and treatment of captured water.
- Confirmation end-point soil sampling along the excavation sidewalls and bottom.

The existing on-Site building was vacated in August 2018. Demolition was completed in September 2019. Ground intrusive work began on September 10, 2020. The scope of work was completed in February 2021.

All sample data generated under the scope of this IRM was submitted in electronic data deliverable format to NYSDEC for upload to the Environmental Information Management System (EIMS) database. Correspondence with the NYSDEC EIMS team regarding these submittals is included in Appendix A.

The following subsections provide a detailed description of the work completed.

2.1 Execution of the Work Plan

All on-Site field work was conducted in accordance with the Site-specific Health and Safety Plan (HASP), which was included as an appendix to the RIWP. During all ground intrusive activities, a Community Air Monitoring Plan (CAMP) was implemented to monitor and mitigate any potential fugitive vapors or dust. The CAMP was included as an appendix to the IRMWP. Results of the CAMP monitoring are discussed in Section 2.8.

Access to the Site was provided by the Volunteer. Hours of operation were between 7:00 a.m. and 6:00 p.m., Monday through Friday, in accordance with the work permits issued by New York City Department of Buildings (NYCDOB).

The Volunteer obtained all permits required to complete the scope of work. Permits for fencing, demolition, and new building construction were obtained from NYCDOB. Permits for street opening were obtained from New York City Department of Transportation (NYCDOT). Copies of all permits pertinent to the IRMWP scope of work are included in Appendix B.

The IRMWP specified that all sampling activities would be conducted in accordance with the Site-specific Quality Assurance Project Plan, dated October 2018, which was included as an appendix to the RIWP. Subsequently, the sampling activities associated with the scope of the IRMWP were incorporated into the Site-specific Construction Quality Assurance Plan (CQAP), dated November 2019, which was included as an appendix to the RAWP. All sampling activities were performed in accordance with the CQAP. The CQAP describes the sampling procedures, analytical methods, and QA/QC procedures associated with the IRMWP and RAWP scopes of work. Protocols for sample collection, sample handling and storage, Chain of Custody procedures, and laboratory and field analyses are described. Requirements for third-party data validation and data submittal to the NYSDEC Environmental Information Management System in Electronic Data Deliverable format are also described.

All samples, with the exception of the supplemental waste characterization soil samples described in Section 2.5.4, were transported via courier to Eurofins TestAmerica, Edison in Edison, New Jersey, for laboratory analysis. The supplemental waste characterization soil samples were transported via courier to York Analytical Laboratories in the Richmond Hill section of Queens, New York, for analysis.

GEI generated Daily Field Reports (DFRs) detailing all activities for which GEI was on-Site and submitted these to NYSDEC weekly. DFRs contained descriptions of remedial and non-remedial work performed, samples collected, details of CAMP implementation, material export or import, and a photo log. All DFRs for the project are included in Appendix C.

A project photo log is included in Appendix D.

2.2 Building Demolition

The existing on-Site building was vacated in August 2018. Demolition was completed in September 2019. Demolition work was performed by Park Construction under demolition permits issued by NYCDOB (Appendix B). GEI periodically visited the Site to observe the demolition. A detailed description of demolition work was outside the scope of the IRMWP and will not be provided here.

2.3 Aboveground Storage Tank Removal

A total of five ASTs were identified during the RI: three inactive 275-gallon ASTs formerly used for fuel oil storage located within the 37-26 30th Street tenant space, one inactive 275-gallon waste oil AST located within the 37-28 30th Street tenant space, and one inactive approximately 2,500-gallon capacity heating oil AST formerly used for fuel oil storage located within the partial basement below the former Millennium Auto Collision tenant. All ASTs were found to be inactive, empty, and cleaned upon inspection by GEI. Documentation of tank cleaning was not available. All ASTs were removed as a component of the building demolition, cut into manageable pieces, and recycled as scrap metal at Gershow Recycling in New Hyde Park, New York. A copy of the recycling facility receipt is included in Appendix E.

2.4 Monitoring Well Decommissioning

The IRMWP specified decommissioning the 13 temporary groundwater monitoring wells installed during the RI by pulling the casings while grouting, in accordance with NYSDEC guidance document *CP-43 Groundwater Monitoring Well Decommissioning Policy* (November 2009). On October 4, 2019, NYSDEC approved a request to modify the well abandonment method to grouting in-place, which is appropriate for 2-inch wells per CP-43. This approval is included in the NYSDEC Correspondence in Appendix A.

Grouting in-place was performed by Cascade, a drilling subcontractor of GEI, on October 17, 2019. Nine wells were grouted to grade and left in-place. Four wells (MW-3D, MW-4I, MW-5I, and MW-6I) were buried during demolition and could not be located for abandonment. Monitoring well decommissioning logs are included as Appendix F.

2.5 Grid System Excavation

A grid system excavation was conducted across the entire Site in an attempt to identify any potential point-source discharge locations, COC hot spots, or any other impacted material potentially present within the redevelopment excavation interval. The excavation was conducted according to a grid system plan in order to generate investigative data supplemental to the RI, in which no source of COCs in soil media was identified. The excavation procedure consisted of the screening, stockpiling, sampling, exportation, and off-Site disposal of soils in the upper 9.5- to 14.5-ft. bgs.

Pre-excavation elevations were established by a survey performed on March 9, 2019, by licensed professional land surveyors Erlandsen-Crowell & Shaw. The survey was performed following completion of the RI. A copy of the survey is included in Appendix G.

Prior to initiating subsurface work, the surveyor established a temporary benchmark on-Site for use in determining excavation depth. The surveyor also surveyed elevations across the work area before and after excavation to document the total excavation volume.

2.5.1 Support of Excavation

Stability of on-Site and off-Site structures during remedial activities, including excavation, was the sole responsibility of the Volunteer and its contractors. The Volunteer and its contractors were solely responsible for the implementation of the support of excavation (SOE) plans, designed by Structural Engineering Technologies, P.C., which were necessary for implementation of the excavation component of the IRMWP. The SOE Plans are included in Appendix H.

The primary method of SOE used was soldier piles and timber lagging. This method was used for the entirety of the west, north, and east Site boundaries, and the segment of the south boundary between the existing off-Site buildings. Soldier pile installation was performed by SBC Industries from September 10, 2020, to November 6, 2020. Soldier piles were driven or drilled to bottom elevations ranging from +0.0 (45.5-ft. bgs) to +20.0 (20.5-ft. bgs) relative to the NAVD 88 datum. Installation of timber lagging between soldier piles was performed by Best Fitouts.

Initially, the drill rig was configured to eject dry drilling spoils approximately 20-ft. above ground level. This configuration was modified using flexible pipe to direct spoils ejection to the ground level to control dust generation.

Underpinning, another SOE method consisting of poured concrete piers underlying existing building foundations, was used to support the existing off-Site buildings on the southern Site boundary. Underpinning work was performed by Best Fitouts beginning on September 16, 2020 and was completed on October 9, 2020. Approach pits were excavated by hand and shored. Soil was then excavated by hand from below the existing building foundation footings to a bottom elevation of +29.0, which corresponds to depths below original grade ranging from approximately 11-ft. bgs at the southeastern corner to approximately 16-ft. bgs at the southwestern corner. Soil excavated for underpinning was stockpiled and disposed with Site soils.

The CAMP was implemented as described in Section 2.8 during all SOE work.

2.5.2 Excavated Soil Management

The Site footprint of 16,030-sf was managed as a grid with eight cells, where each cell had a footprint of approximately 2,000-sf. Each cell was excavated in five-foot vertical intervals to the redevelopment depth of approximately9.5- to 14.5-ft. bgs. Each cell 5-foot depth interval

had a maximum volume of 400-CY. Fig. 3 and Fig. 4 show the excavation grid system in plan view and section view, respectively.

Excavated soil was either live loaded into trucks or temporarily stockpiled on-Site for later export. At least one grab sample was collected from each grid cell depth interval, as described in Section 2.5.3. Cells for which analytical results indicated no impacts were allowed to be combined for purposes of stockpiling, regrading, and disposal. No soil was reused on-Site.

During the excavation, a GEI representative made visual and olfactory observations of the excavated material and screened for the potential presence of COCs using a photoionization detector (PID) equipped with a 11.7 eV photovoltaic lamp, selected for its sensitivity to chlorinated compounds, including the COCs. PID screening was performed for approximately every 10- to 20-CY of material by making an indentation in the surface of the stockpile or unexcavated side slope and inserting the PID intake wand.

Table 1 shows the field observations organized by excavation grid cell and depth interval. Most material consisted of brown fine-to-medium silty sand. Historic fill was encountered in cell A-4 (0'-5'). Across the Site, PID readings typically ranged from 0.0 to 1.4 ppm, with a slightly higher reading (6.3 ppm) in the historic fill in A-4 (0'-5'). Elevated VOCs (120 to 440 ppm) were observed in approximately 20-CY of soil from one grid cell, B-1 (0'-5'). No petroleum staining or odors were observed. The soil was stockpiled separately on 6-mil polyethylene sheeting and covered. A sample was collected for laboratory analysis. As the remainder of the B-1 (0'-5') grid cell did not exhibit elevated VOCs, it was considered non-impacted. Sample analytical results indicated no exceedances of UUSCOs; therefore, the separated material was also considered non-impacted.

An abandoned underground storage tank (UST) was encountered in grid cell B-2 at a depth of approximately 2-ft. bgs. The UST was empty and not connected to any piping. The UST was removed and disposed of as scrap metal at Gershow Recycling in New Hyde Park, New York. A copy of the recycling receipt is included in Appendix E. Soils underlying the UST were screened. No elevated VOC readings, visual impacts, or odors were observed. Four soil grab samples were collected for laboratory analysis, as described in Section 2.5.3. The location of the UST and the associated soil samples are shown on Fig. 5.

2.5.3 Excavated Soil Sampling

Field screening identified all soil excavation grid cells as non-impacted, with the potential exception of the elevated VOC material separated from B-1 (0'-5'), which analytical results confirmed to be non-impacted. Therefore, samples were collected at a frequency of one per grid cell depth interval. No individual cells or depth intervals were sampled at a higher

frequency. A total of 24 grab samples were collected and analyzed for VOCs by USEPA Method 8260D.

Four additional grab samples were collected from cell B-2 at a depth of 5-ft. bgs, following removal of an abandoned UST, as described in Section 2.5.2, and analyzed for the compounds listed in Table 2 (Soil Cleanup Levels for Gasoline Contaminated Soils) and Table 3 (Soil Cleanup Levels for Fuel Oil Contaminated Soil) of NYSDEC Policy *CP-51 / Soil Cleanup Guidance* (October 2010) by method 8260D and 8270E and for Extractible Petroleum Hydrocarbons by method NJ EPH.

Samples collected within 24 hours of excavation were taken from the zero to six-inch interval at the stockpile surface or excavation floor. Samples collected 24 hours or more after excavation were taken from the six to 12-inch interval. This methodology was adapted from the requirements for confirmation sampling for VOCs found in NYSDEC Program Policy *DER-10 / Technical Guidance for Site Investigation and Remediation* (May 2010) Section 5.4(b)(5)(vi).

Analytical results for the grid system excavation and UST removal are presented in Table 2 and Table 3, respectively. All samples met UUSCOs. Based on these results, all soils were managed as non-impacted, as described in Section 2.5.2.

Laboratory reports are included in Appendix I. Data Usability Summary Reports (DUSRs) prepared by Laboratory Data Consultants, Inc., are included in Appendix J.

2.5.4 Material Transport Off-Site

The IRMWP anticipated excavation and off-Site disposal of approximately 9,000-CY of soil, which is equivalent to approximately 13,500 tons, assuming a typical unit weight of 1.5 tons per CY. This estimate assumed that the entire Site would be excavated to 15-ft. bgs. Actual excavation depths varied from west to east, as the original grade elevation sloped from approximately +45.0 on the west side, along Old Ridge Road, to approximately +40.0 on the east side, along 30th Street. The excavation bottom had a constant elevation of approximately +30.5. Therefore, final excavation depths ranged from approximately 9.5-ft. on the east side to approximately 14.5-ft. on the west side.

Soil was loaded into 20-CY triaxle trucks via excavator bucket. The CAMP was implemented during all loading operations. Trucks leaving the Site were decontaminated either by dry brushing or hose washing. Any material tracked onto the sidewalk or street was promptly swept and hose washed.

Soil was exported to two receiving facilities: (1) the Posillico Materials Wash Plant Facility (Permit No. 1-4720-00695) in Farmingdale, NY, and (2) the Posillico Materials East facility (Registration No. 52W41R) in Holtsville, NY. Posillico Materials reviewed the soil data

presented in the RIR and 14 additional samples, which were collected by GEI at the request of Posillico Materials on September 4, 2020. The additional samples were analyzed for cyanide and hexavalent chromium by York Analytical Laboratories. The laboratory reports are included in Appendix I.

Soil meeting the 6 NYCRR Part 360.13(f) General Fill requirements was approved to be placed in the Clean Soil Bin at either of the two facilities under Approval No. 20139G, dated September 14, 2020. Soil failing to meet the 6 NYCRR Part 360.13(f) General Fill requirements, due to exceedances of chromium in three samples, was approved to be placed in the Contaminated Soil Bin at the Wash Plant Facility under Approval No. 20140C, dated September 14, 2020. Copies of the material approval forms are included in Appendix K. GEI notified NYSDEC of the material approvals and the Volunteer's intent to export soil to these facilities, and NYSDEC gave written approval on October 13, 2020. A copy of this correspondence is included in Appendix A.

Table 4 provides a log of soil exported for off-Site disposal by truckload. Each load is identified by date, hauler, manifest number, receiving facility, and tonnage. Tabulated tonnages are taken from the weight tickets issued by the receiving facilities and provided to the Volunteer along with final signed manifest copies. Total tonnages for the project and for each receiving facility individually are reported at the bottom of the table. Copies of all manifests and weight tickets are included in Appendix E.

The total quantity of soil exported for the project was 12,927.91 tons. Of this total quantity, 7,456.74 tons were received by Posillico Materials East in Holtsville, NY, and 5,471.17 tons were received by the Posillico Materials Wash Plant in Farmingdale, NY.

2.6 Excavation Dewatering

Groundwater was not encountered in the excavation. Therefore, excavation dewatering was not performed.

2.7 Confirmation End-Point Sampling

Post-excavation confirmation end-point soil samples were collected in accordance with DER-10 Section 5.4(b)(2). A total of 17 sidewall samples were collected at a frequency of at least one per 30-linear feet of sidewall. A total of 18 bottom samples were collected at a frequency of at least one per 900-sf of excavation bottom. Sample locations were surveyed by licensed surveyors Erlandsen-Crowell & Shaw and are shown on the post-excavation survey in Appendix G. Fig. 6 shows the confirmation end-point sample locations and the excavation bottom elevation.

All end-point samples were grab samples collected by GEI and analyzed only for VOCs by EPA Method 8260D by TestAmerica. The laboratory reports are included in Appendix I. A DUSR is included in Appendix J.

Analytical results are presented in Table 5. All results were below UUSCOs. These results are discussed in relation to the RAWP in Section 3.2.

2.8 Odor and Fugitive Dust Control

Odor and fugitive dust control were accomplished through implementation of the Community Air Monitoring Plan (CAMP), which was included as an appendix to the IRMWP. The CAMP was implemented during all ground intrusive activities conducted at the Site. Two monitoring stations were used to monitor continuously for VOCs and respirable particulates (PM-10) at the Site perimeter. Each station consisted of a tripod-mounted enclosure containing a MiniRAE 3000 PID and a DustTrak II particulate dust meter. One station was located on the upwind side of the Site perimeter and one on the downwind side, based on the prevailing wind direction each day.

No action level exceedances occurred because of ground intrusive activities.

Throughout the project, elevated levels of VOCs were detected for various reasons unrelated to ground intrusive activities, including heavy equipment refueling, idling, torch cutting, moisture interference during rain, spray paint, and waterproofing adhesive application. On December 23, 2020, elevated VOC levels were detected at the downwind station due to operation of a vacuum truck by a Con Edison subcontractor in a vault located within 30th Street, unrelated to Site activities.

Elevated levels of PM-10 were also detected throughout the project for various reasons, including welding/cutting torch smoke, saw cutting concrete, and use of a blower to clean concrete surfaces. On November 5, 2020, two elevated downwind dust readings were caused by brief periods of drilling activity within 10 feet of the CAMP station. The station was located in the northwest corner of the Site between the drill rig and the construction fence. Readings therefore represented transient work zone conditions. Visible dust and odors were not observed migrating over the Site boundary.

CAMP data logs are included in Appendix L. All elevated readings were explained in the correspondingly dated DFRs, included in Appendix C.

2.9 Monitoring Well Installation, Development and Sampling

Four permanent groundwater monitoring wells were installed at off-Site locations, developed, and sampled for two primary purposes: (1) to provide supplemental data to complete the Qualitive Human Health Exposure Assessment (QHHEA), which originally

appeared in the RIR and RAWP, and (2) to monitor the effectiveness of the groundwater treatment implemented under the RAWP. Of the four wells that were installed, only two were proposed in the IRMWP (Section 2.11); these were to be located within the sidewalk along 30th Street, upgradient of the Site boundaries. Two additional wells were proposed in the RAWP (Section 3.1.1), to be located along Old Ridge Road, downgradient of the Site boundaries, and designated for the dual purposes described above. The installation, development, and sampling of all four wells is described in this section.

All four wells were installed by AARCO Environmental Services (AARCO), a drilling subcontractor of GEI, on November 17, 2020. The wells were designated MW-P1 through MW-P4. Well locations are shown on Fig. 7.

All wells were constructed of 2-inch diameter schedule 40 PVC piping with 0.020-inch slotted screen from 25- to 35-ft. bgs and completed with J-plugs and 5-inch flush mounted manhole covers. Well construction logs are included in Appendix M.

All wells were developed by purging at least 10 well volumes using either a peristaltic pump or an electrical tubing actuator. Purge water was contained in two 55-gallon drums and disposed of off-Site by AARCO. A copy of the waste manifest for the purge water is included in Appendix E.

Groundwater samples were collected by GEI using low-flow methodology and transported via courier to TestAmerica for the following analyses:

- VOCs using USEPA Method 8260D
- SVOCs using USEPA Method 8270E
- TAL metals (including mercury) via USEPA Method 6020B and Method 7470A
- Pesticides via USEPA Method 8081B
- PCBs via USEPA Method 8082A
- TAL perfluoroalkyl and polyfluoroalkyl substances via modified USEPA Method 537
- 1,4-Dioxane via modified USEPA Method 8270E (with Selective Ion Monitoring)
- Iron (5,780 µg/L in MW-P2 and 24,400 µg/L in MW-P1)
- Manganese (585 µg/L in MW-P1)
- Sodium (concentrations ranging from 60,700 µg/L in MW-P2 to 286,000 µg/L in MW-P1).

As was the case for the RI findings, which are summarized in Section 1.2, the metals exceedances are likely to be naturally occurring or related to road salt application.

Other VOC detections were limited to chloroform, cis-1,2-dichloroethene, and trichloroethene, all of which were below AWQS.

The concentration of perfluorooctanesulfonic acid (PFOS) exceeded the screening level of 10 ng/L in the downgradient monitoring well MW-P4 (15.1 ng/L) but was below the screening level in the other three wells. The variations in concentrations across the four wells do not indicate a clear concentration gradient and therefore do not indicate an attributable on-Site source.

The concentration of perfluorooctanoic acid (PFOA) exceeded the screening level of 10 ng/L in both upgradient wells and both downgradient wells, with a maximum concentration of 55.8 ng/L in downgradient well MW-P4. The presence PFOA above the screening level in both upgradient wells and the lack of any clear concentration gradient across all four wells do not indicate an attributable on-Site source.

Concentrations of PFOS and PFOA in the permanent monitoring well network were in the same ranges, respectively, as the detections in the on-Site temporary monitoring wells MW-2S and MW-3S, collected in February 2019 and reported in the January 2020 RIR. Evaluation of the temporary well sample data and the permanent well sample data together do not indicate an attributable on-Site source of either compound.

No individual PFAS was detected at or above the screening level of 100 ng/L. The total PFAS concentrations (maximum 285.72 ng/L in MW-P1) were all below the screening level of 500 ng/L.

Table 6 presents the groundwater sample analytical results. Fig. 8 shows a box map of groundwater exceedances.

3. Remedial Evaluation

3.1 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) for the Site was included in the RIR (Section 5) and in identical form in the RAWP (Section 2.6.1). The QHHEA was prepared in accordance with the requirements of DER-10 (Appendix 3B) on the basis of sample data collected from soil, soil vapor, and groundwater media within the Site boundaries. The QHHEA was considered incomplete, pending collection of additional groundwater samples from two upgradient locations and two downgradient locations off-Site. The required additional groundwater sampling was performed as described in Section 2.9.

The scope of the IRMWP was completed in February 2021, resulting in changed conditions at the Site that affect parts of the QHHEA. Therefore, the QHHEA is updated and completed here to reflect results of off-Site groundwater sampling, current Site conditions, and anticipated future use.

The five elements associated with exposure pathways were evaluated on the basis of the on-Site data presented in the RIR, the off-Site upgradient and downgradient groundwater data presented in this IRM CCR, and the current Site conditions following completion of the IRMWP scope of work. The following describes how each of these elements pertains to the Site:

1. Description of the contaminant source: The original source of COCs is unknown based on the available data. The contaminated environmental media are groundwater and soil vapor throughout the Site. Given that COCs were detected in monitoring wells located outside and immediately upgradient of the Site boundary, an off-Site source of COCs is possible but was not further investigated.
2. Explanation of contaminant release and transport mechanisms to the exposed population: COCs dissolved in groundwater can potentially volatilize into the soil vapor phase and migrate into future on-Site or off-Site buildings, where building occupants could potentially be exposed if soil vapor intrusion is not mitigated.
3. Identification of all potential exposure points: Potential human contact with contaminated soil vapor may occur if ground-intrusive work is performed that penetrates a building slab and vapor barrier.
4. Description of the route of exposure: Potential inhalation of contaminated soil vapor.
5. Characterization of the receptor populations: The on-Site receptor populations include contractors constructing the on-Site buildings, visitors to the Site, and future residential building occupants. The off-Site receptor populations include mixed residential and commercial building occupants.

Table 7 provides an overview of the current and potential exposures at the Site.

3.2 Remedial Evaluation

The results of the IRM excavation soil screening and sampling, presented in Section 2.5.3, did not identify a source of COCs in the soil medium or any other impacted soil. The confirmation end-point soil sample results, presented in Section 2.7, were all below UUSCOs; therefore, no additional excavation was required. The Remedial Action Objectives (RAOs) for soil media, as specified in the RAWP, are considered to be achieved. The remaining RAOs concern the groundwater and soil vapor media.

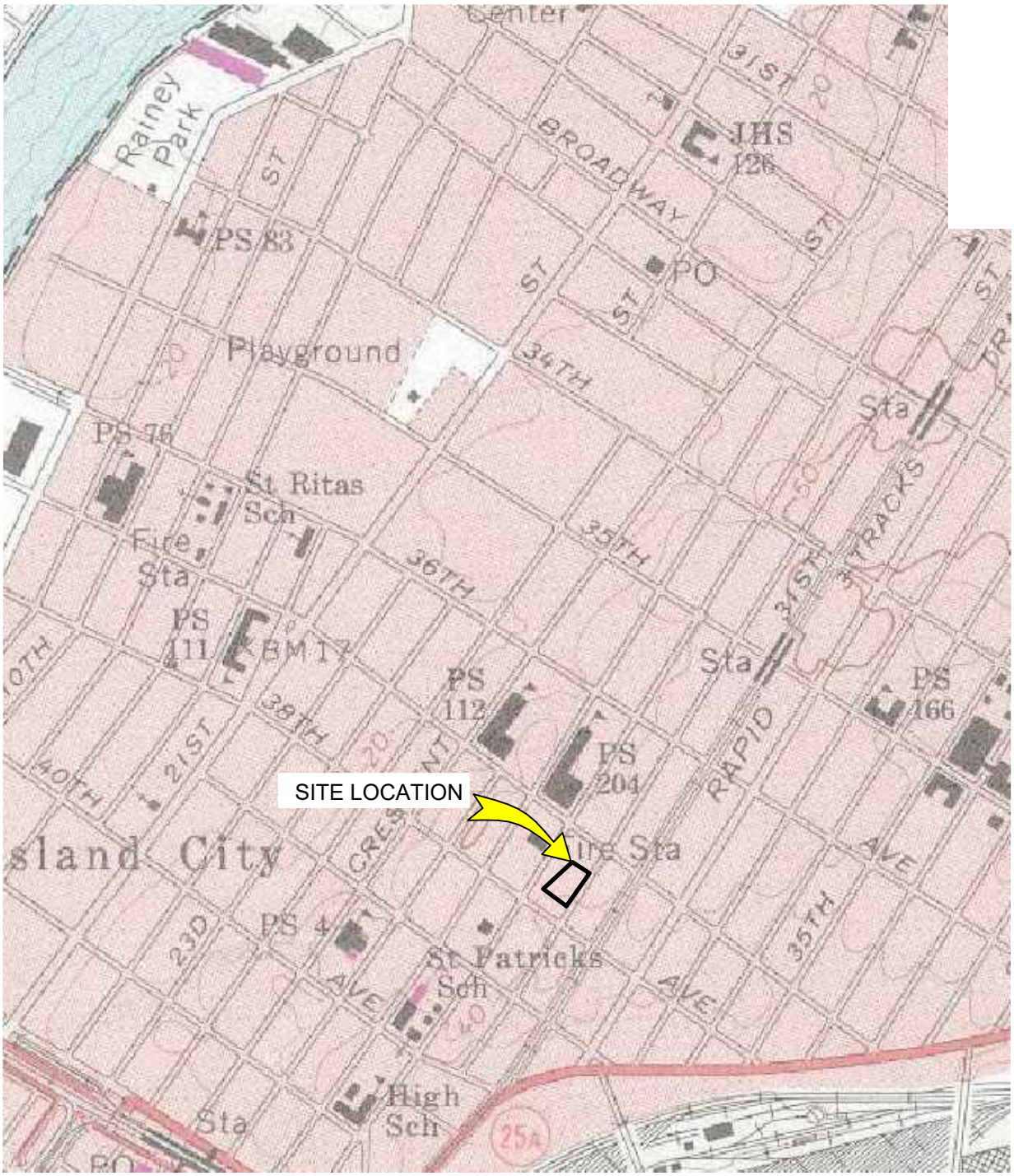
The RAWP was developed primarily to address groundwater and soil vapor RAOs. A draft RAWP was submitted to NYSDEC for review simultaneous with implementation of the IRMWP. The RAWP included a Remedial Alternatives Analysis aimed at addressing the RAOs for the groundwater and soil vapor media. NYSDEC approved the RAWP and issued a Decision Document in January 2021.

The selected alternative was a Conditional Track 1 Unrestricted Use cleanup. The IRM excavation confirmation end-point sample results were all below UUSCOs and are consistent with the proposed Conditional Track 1 alternative.

Under the RAWP, groundwater was treated using In Situ Chemical Oxidation, and a Vapor Barrier and Sub-Slab Depressurization System (SSDS) was installed in each on-Site building to mitigate potential soil vapor intrusion. Activation of the SSDS with in-line vapor mitigation fans will be contingent upon results of a soil vapor intrusion evaluation to be conducted when building construction is complete and prior to building occupancy. These remedial action components will be reported in a Final Engineering Report (FER).

The SSDS, if activated, will be considered an Engineering Control (EC). If groundwater and soil vapor RAOs are achieved within five years of issuance of a Certificate of Completion and operation of the EC is approved for discontinuation, the remedial action will satisfy the conditions of the Conditional Track 1 cleanup. If operation of the EC remains necessary beyond five years, the remedial action will be considered a Track 2 cleanup. Requirements and procedures for operation, maintenance, and monitoring of ECs will be described in a Site Management Plan, which will be included as an appendix to the FER.

Figures

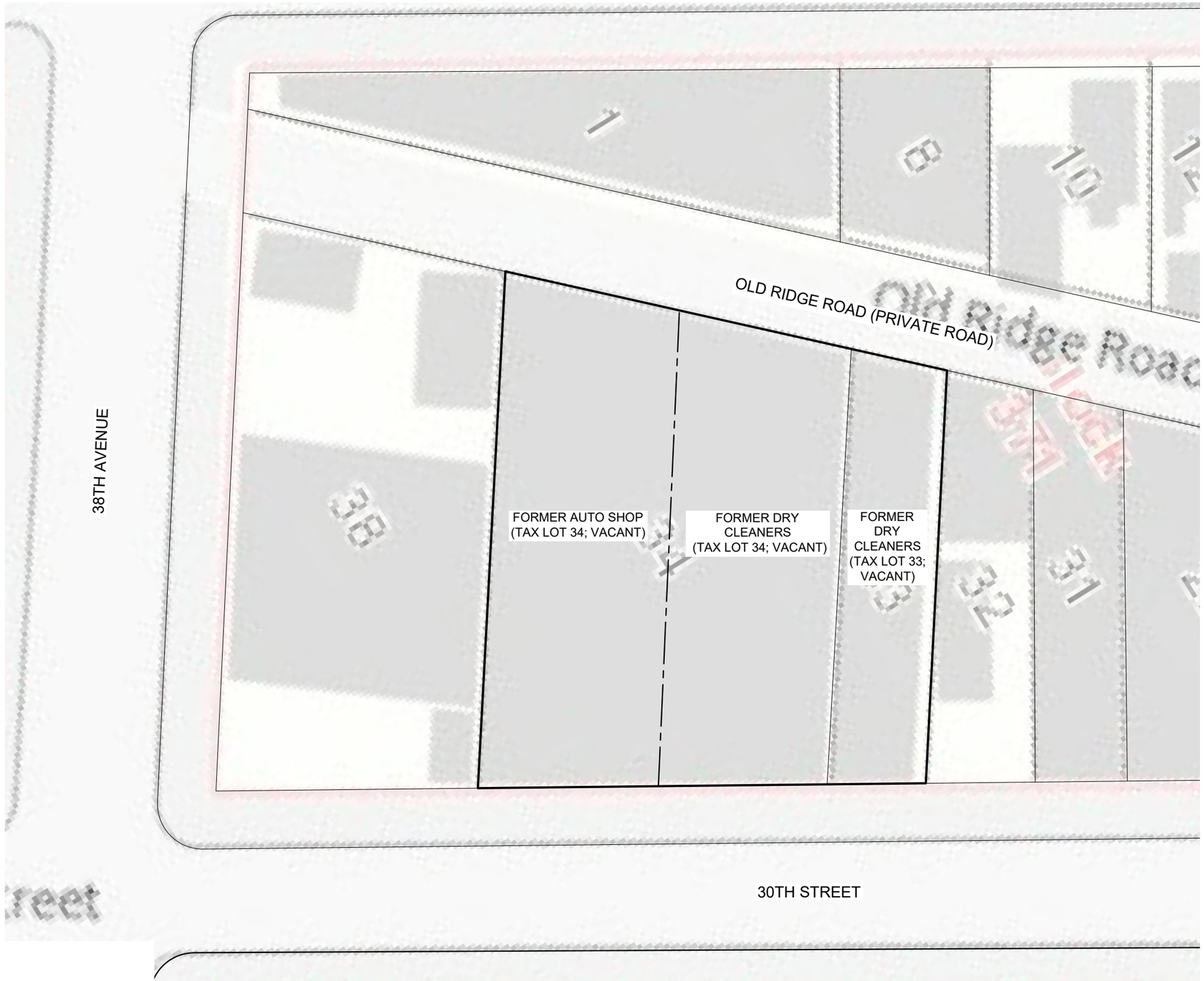


SOURCE:

1. USGS CENTRAL PARK QUADRANGLE MAP.

Interim Remedial Measures Construction Completion Report 37-24 & 37-28 30th Street Redevelopment Site Long Island City, New York	GEI Consultants	SITE LOCATION MAP
31ST AVENUE ASSOCIATES LLC & 37-26 30TH AVENUE LLC NEW HYDE PARK, NEW YORK	Project 1800522	November 2021 Fig. 1

\\hts1v-pzcc- Y:\Tech\Environmental Projects\Park Construction\CAD\Figures\IRMWP\1800522 - FIG 1.dwg - 5/1/2019



LEGEND:

BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY

TAX LOT LINE

TAX LOT DIVISION LINE (2 PROPERTIES)

Interim Remedial Measures Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

31ST AVENUE ASSOCIATES LLC &
37-26 30TH AVENUE LLC
NEW HYDE PARK, NEW YORK

GEI

SITE MAP

Project 1800522 | November 2021 | Fig. 2

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LEGEND

BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY

EXCAVATION CELL BOUNDARY

SOURCE:

1. PLAN BASED ON MAP PREPARED BY NYS OASIS

0 30 60

SCALE: 1" = 30'

Interim Remedial Measures Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

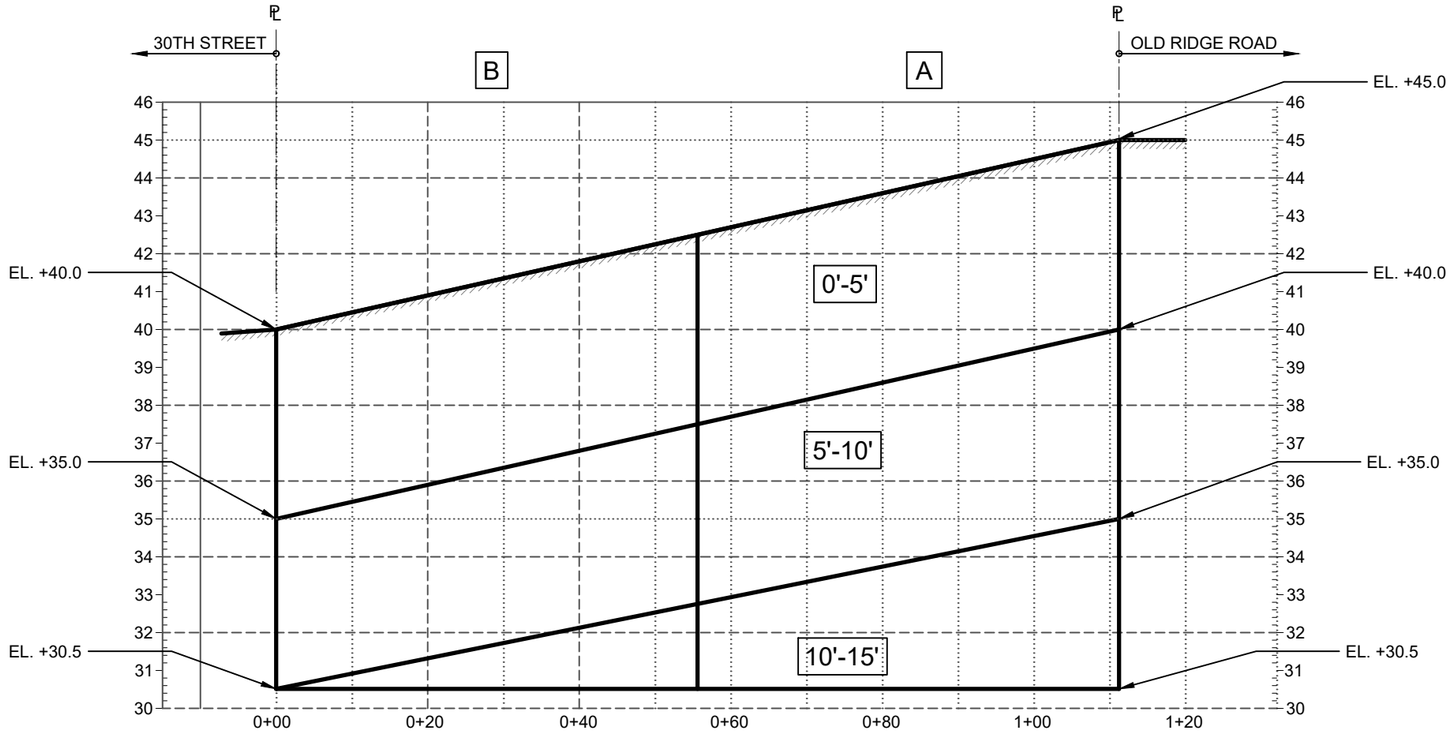
31ST AVENUE ASSOCIATES LLC &
37-26 30TH AVENUE LLC
NEW HYDE PARK, NEW YORK

GEI Consultants

EXCAVATION GRID SYSTEM PLAN VIEW

Project 1800522 | November 2021 | Fig. 3

\\hts1v-pzcc- Y:\Tech\Environmental Projects\Park Construction\CAD\Figures\IRMWP\1800522 - FIG 3.dwg - 5/1/2019



1/3 SECTION

SCALE: 1" = 20'

0 20 40

SCALE: 1" = 20'

Interim Remedial Measures Construction Completion Report
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Long Island City, New York

31ST AVENUE ASSOCIATES LLC &
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NEW HYDE PARK, NEW YORK

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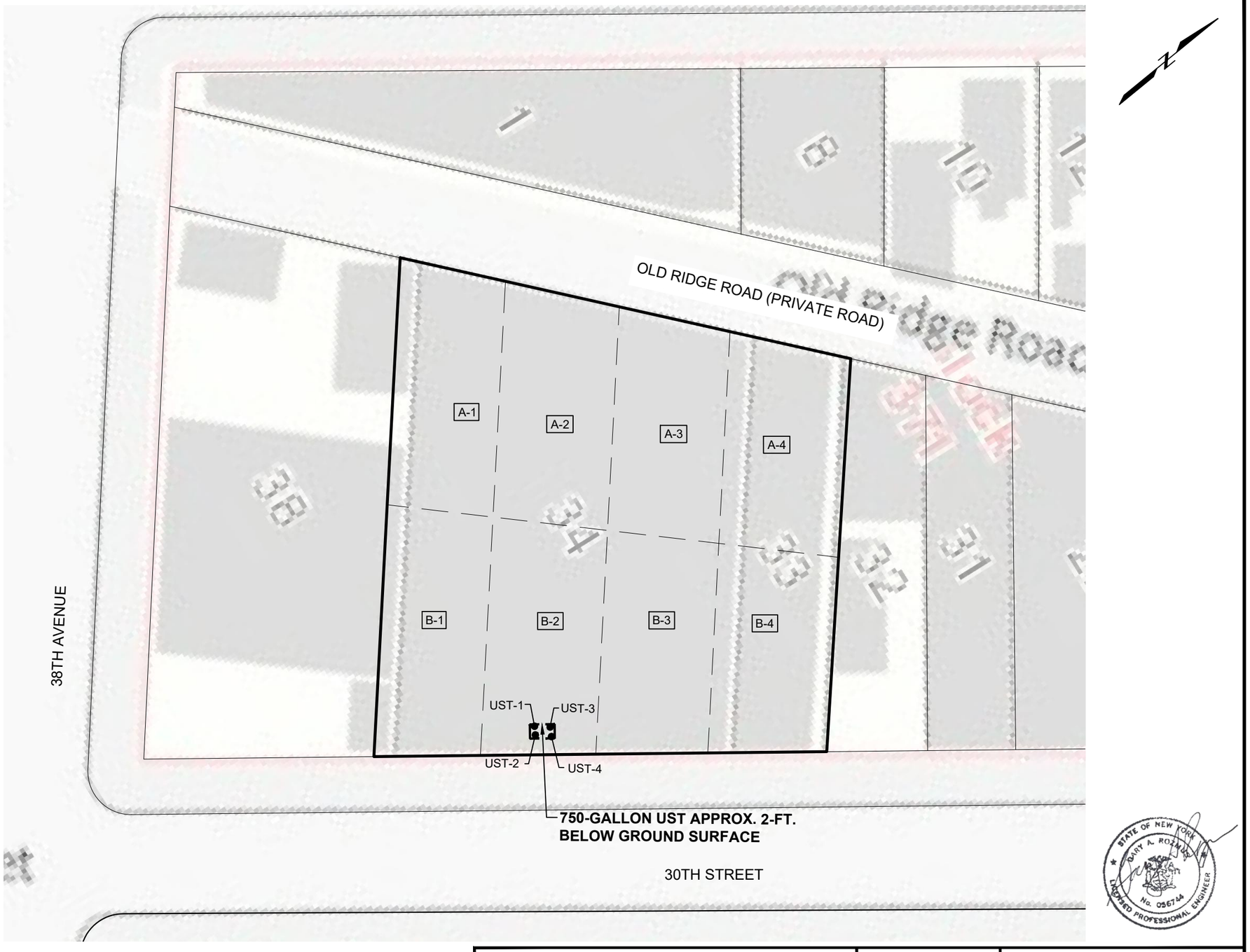
EXCAVATION GRID
SYSTEM SECTION VIEW

Project 1800522 | November 2021 | Fig. 4

\\hts1v-pzcc- Y:\Tech\Environmental Projects\Park Construction\CAD\Figures\IRMWP\1800522 - FIG 4.dwg - 3/5/2021



LEGEND

BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY

EXCAVATION CELL BOUNDARY

UST SOIL SAMPLE LOCATIONS (COLLECTED APPROX. 5-FT. BELOW GROUND SURFACE)

SOURCE:

1. PLAN BASED ON MAP PREPARED BY NYS OASIS

0 30 60

SCALE: 1" = 30'

Interim Remedial Measures Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

31ST AVENUE ASSOCIATES LLC &
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NEW HYDE PARK, NEW YORK

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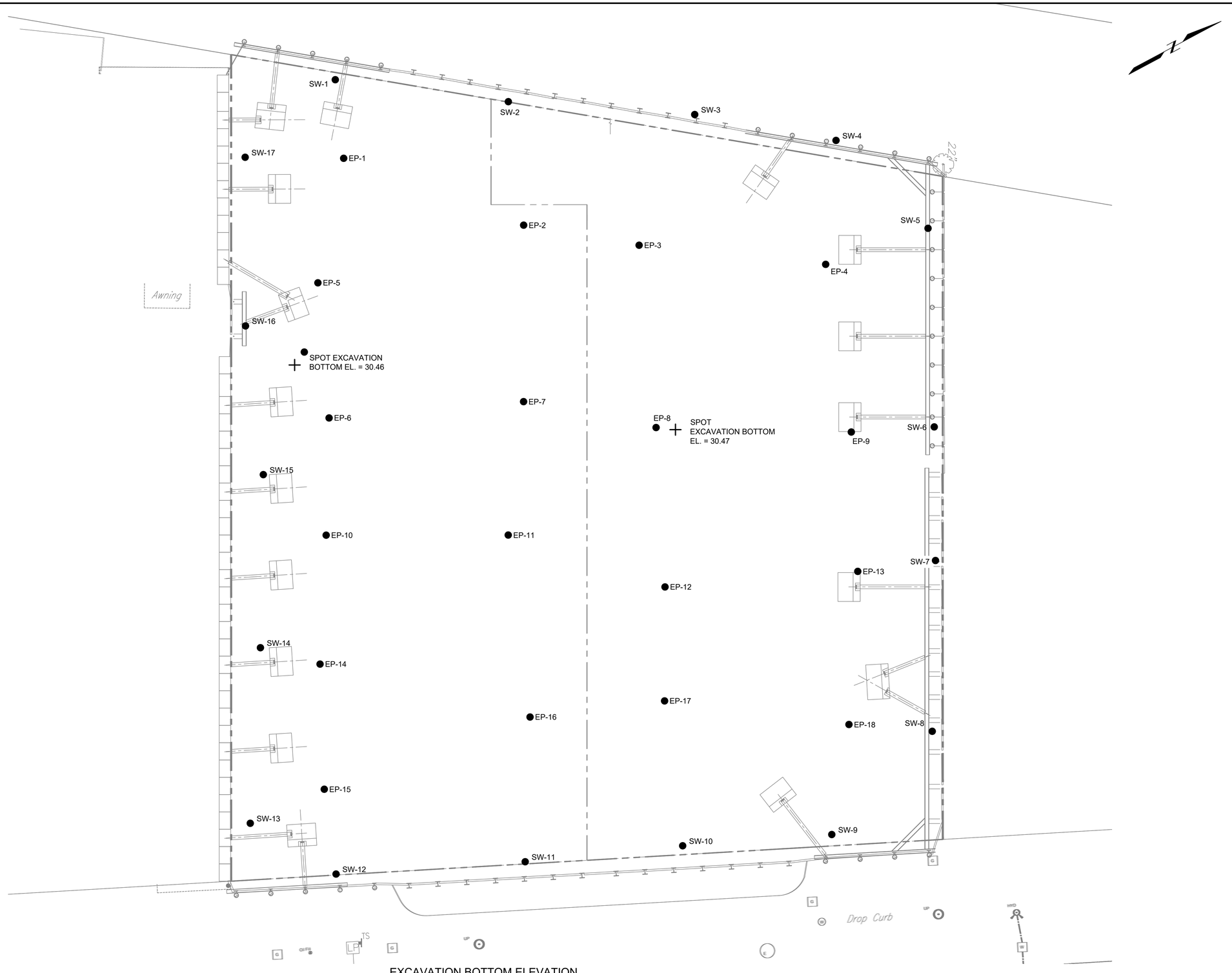
ABANDONED UNDERGROUND STORAGE TANK AND SOIL SAMPLE LOCATIONS

Project 1800522 | November 2021 | Fig. 5

\\hts1v-pzcc- S:\Environmental Projects\Park Construction\CAD\Figures\CCR\1800522 - FIG 5 UST.dwg - 3/11/2021



LEGEND:

● ENDPOINT SOIL SAMPLE

EXCAVATION BOTTOM ELEVATION AND ENDPOINT SAMPLE LOCATIONS

SCALE: 1/8" = 1'-0"

0 8 16

SCALE, FEET

Interim Remedial Measure Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

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New Hyde Park, New York

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EXCAVATION BOTTOM ELEVATION AND ENDPOINT SAMPLE LOCATIONS

Project 1800522 | November 2021 | Fig. 6

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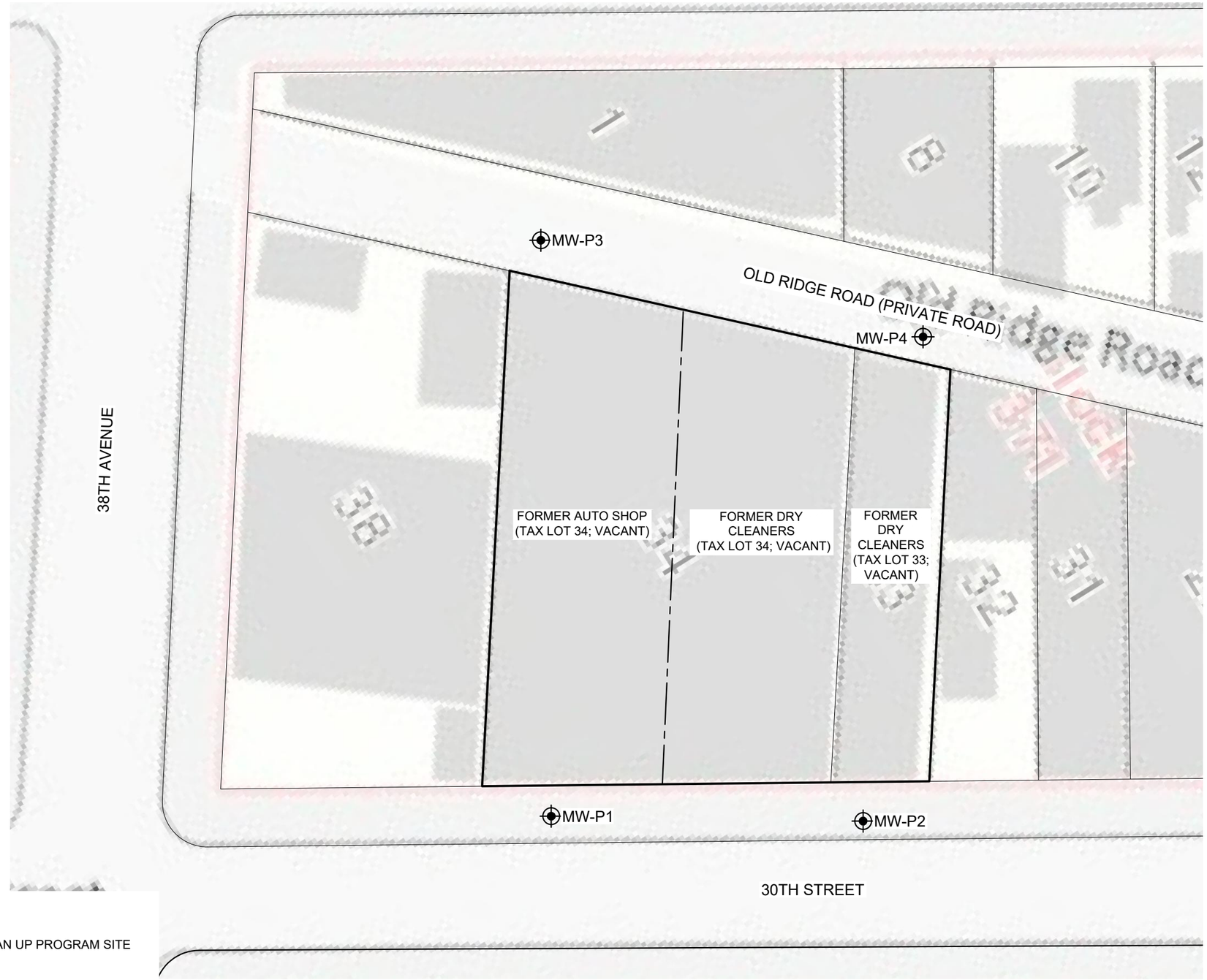

LEGEND:

- BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY
- TAX LOT LINE
- MW-P1 PERMANENT MONITORING WELL LOCATION

SOURCE:

1. PLAN BASED ON MAP BY NYS OASIS.

0 30 60

SCALE: 1" = 30'

Interim Remedial Measures Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

31ST AVENUE ASSOCIATES LLC &
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NEW HYDE PARK, NEW YORK

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PERMANENT MONITORING WELL LOCATIONS

Project 1800522 | November 2021 | Fig. 7

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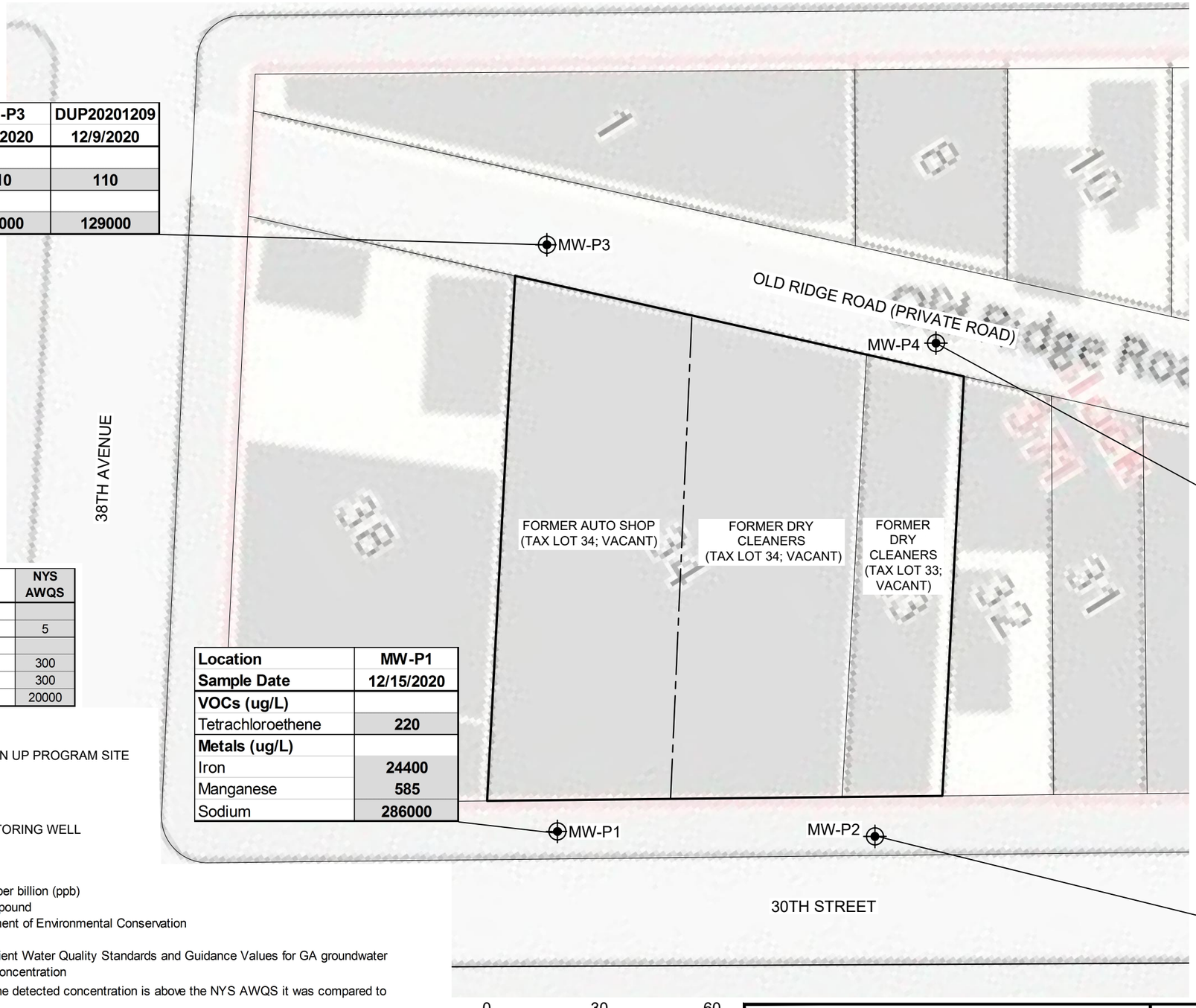

Location	MW-P3	DUP20201209
Sample Date	**12/9/2020**	**12/9/2020**
VOCs (ug/L)		
Tetrachloroethene	**110**	**110**
Metals (ug/L)		
Sodium	**119000**	**129000**

Location	MW-P4
Sample Date	**12/9/2020**
VOCs (ug/L)	
Tetrachloroethene	**21**
Metals (ug/L)	
Sodium	**126000**

Location	MW-P1
Sample Date	**12/15/2020**
VOCs (ug/L)	
Tetrachloroethene	**220**
Metals (ug/L)	
Iron	**24400**
Manganese	**585**
Sodium	**286000**

Location	MW-P2
Sample Date	**12/15/2020**
VOCs (ug/L)	
Tetrachloroethene	**32**
Metals (ug/L)	
Iron	**5780**
Sodium	**60700**

Analyte	NYS AWQS
VOCs (ug/l)	
Tetrachloroethene	5
Metals (ug/L)	
Iron	300
Manganese	300
Sodium	20000

LEGEND:

BROWNFIELD CLEAN UP PROGRAM SITE BOUNDARY

TAX LOT LINE

MW-P1 PERMANENT MONITORING WELL LOCATION

Notes
ug/L = micrograms per liter or parts per billion (ppb)
SVOC = Semi-Volatile Organic Compound
NYSDEC = New York State Department of Environmental Conservation
VOC = Volatile Organic Compound
NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the NYS AWQS it was compared to

NA = Not Analyzed
J = The result is an estimated value.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.

0 30 60
SCALE: 1" = 30'

SOURCE:
1. PLAN BASED ON MAP BY NYS OASIS.

Interim Remedial Measures Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
Long Island City, New York

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NEW HYDE PARK, NEW YORK

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GROUNDWATER EXCEEDANCES

Project 1800522 | November 2021 | Fig. 8

\\hts1v-pzcc- S:\Environmental Projects\Park Construction\CAD\Figures\CCR\8 1800522_CCR.dwg - 3/11/2021

Tables

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
0'-5'		**A1**	**A2**	**A3**	**A4**
	Odors	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	Dark gray fill in northwest corner.
	PID Readings	0.0 - 0.5 ppm	0.0 ppm	1.4 ppm	0.0 - 6.3 ppm
	Date(s) Excavated	September 14-30, 2020 October 1-6, 2020	September 17-25, 2020	September 18-30, 2020 October 1, 2020	September 17-25, 2020 October 8-13, 2020
	Date Sampled	9/24/2020	9/28/2020	10/5/2020	10/9/2020

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
0'-5'		**B1**	**B2**	**B3**	**B4**
	Odors	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	None.
	PID Readings	120 ppm - 440 ppm in area of underpin pits (south boundary).	0.0 ppm	0.0 ppm	0.0 ppm
	Date(s) Excavated	September 14-30, 2020 October 6-8, 2020	October 14-23, 2020	October 14-23, 2020	September 17-30, 2020 November 13, 2020
	Date Sampled	9/21/2020 Sample ID "B1 (0'-5')a" (elevated VOC mateial)	10/26/2020	10/26/2020	11/13/2020 11/19/20 (UST-1, UST-2, UST-3, UST-4)

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
		A1	**A2**	**A3**	**A4**
5'-10'	**Odors**	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	None.
	PID Readings	0.0 ppm	0.0 - 0.6 ppm	0.2 ppm	0.0 ppm
	Date(s) Excavated	September 14-30, 2020 October 1-8, 2020	October 2-5, 2020	October 2-5, 2021	November 10-19, 2020
	Date Sampled	10/5/2020	10/5/2020	10/5/2020	11/19/2020

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
		B1	**B2**	**B3**	**B4**
5'-10'	**Odors**	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	None.
	PID Readings	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm
	Date(s) Excavated	September 14-30, 2020 October 6-13, 2020 November 12-13, 2020	October 27, 2020	October 27, 2020	November 24, 2020 December 4, 2020 January 11-29, 2021
	Date Sampled	10/26/2020	10/27/2020	10/27/2020	12/4/2020

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
		A1	**A2**	**A3**	**A4**
10'-15'	**Odors**	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	None.
	PID Readings	0.0 - 0.3 ppm	0.0 ppm	0.0 ppm	0.0 ppm
	Date(s) Excavated	September 15-30, 2020 October 1-9, 2020	October 5-12, 2020	October 5-8, 2020	November 19, 2020
	Date Sampled	10/9/2020	10/26/2020	10/9/2020	11/19/2020

Table 1. Grid System Excavation Field Observations
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Depth [ft bgs]		Excavation Grid Cell			
10'-15'		**B1**	**B2**	**B3**	**B4**
	Odors	None.	None.	None.	None.
	Visual Impacts	None.	None.	None.	None.
	PID Readings	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm
	Date(s) Excavated	September 15-30, 2020 October 6, 2020 November 2-13, 2020	November 2, 24, 2020	November 24, 2020	November 24, 2020 December 4, 2020 January 11-29, 2021
	Date Sampled	11/13/2020	11/25/2020	11/25/2020	12/4/2020

Table 2. Grid System Excavation Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	A-1 (0-5)		A-2 (0-5)		A-3 (0-5)		A-4 (0-5)		B-1 (0-5)a		B-2 (0-5)		B-3 (0-5)	
			Start Depth	0		0		0		0		0		0		0	
			End Depth	5		5		5		5		5		5		5	
			Depth Unit	ft		ft		ft		ft		ft		ft		ft	
			Sample Date	9/24/2020		9/28/2020		10/5/2020		10/9/2020		9/21/2020		10/26/2020		10/26/2020	
			Parent Sample														
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**														
Volatile Organic Compounds	mg/Kg																
1,1,1-Trichloroethane		71-55-6	0.68	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U *	0.00097	U	0.0011	U
1,1,2-Trichloroethane		79-00-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,1-Dichloroethane		75-34-3	0.27	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,1-Dichloroethene		75-35-4	0.33	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.0012	U	0.0014	U	0.0013	U *	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,2-Dichlorobenzene		95-50-1	1.1	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.00078**	**J**	0.00097	U	0.0011	U
1,2-Dichloroethane		107-06-2	0.02	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,2-Dichloropropane		78-87-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,3-Dichlorobenzene		541-73-1	2.4	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
1,4-Dichlorobenzene		106-46-7	1.8	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.00048**	**J**	0.00097	U	0.0011	U
1,4-Dioxane		123-91-1	0.1	0.024	U	0.028	U	0.026	U	0.023	U	0.021	U	0.019	U	0.021	U
2-Butanone (MEK)		78-93-3	0.12	0.0060	U	0.007	U	0.0066	U	0.0057	U *	**0.003**	**J**	0.0049	U	0.0053	U
2-Hexanone		591-78-6	NE	0.0060	U	0.007	U	0.0066	U	0.0057	U	0.0053	U	0.0049	U *	0.0053	U *
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0060	U	0.007	U	0.0066	U	0.0057	U	0.0053	U	0.0049	U	0.0053	U
Acetone		67-64-1	0.05	0.0072	U	0.0084	U	0.0079	U	0.0068	U	**0.014**		0.0058	U	0.0063	U
Benzene		71-43-2	0.06	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0021**		0.00097	U	0.0011	U
Bromoform		75-25-2	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Bromomethane		74-83-9	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U *	0.0011	U *
Carbon disulfide		75-15-0	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.002**		0.00097	U	0.0011	U
Carbon tetrachloride		56-23-5	0.76	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Chlorobenzene		108-90-7	1.1	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Chlorobromomethane		74-97-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Chlorodibromomethane		124-48-1	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Chloroethane		75-00-3	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U *	0.00097	U *	0.0011	U *
Chloroform		67-66-3	0.37	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Chloromethane		74-87-3	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0002**	**J**	0.00097	U	0.0011	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Cyclohexane		110-82-7	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0026**		0.00097	U	0.0011	U
Dichlorobromomethane		75-27-4	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U *	0.0011	U *
Dichlorodifluoromethane		75-71-8	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Ethylbenzene		100-41-4	1	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.027**		0.00097	U	0.0011	U
Ethylene Dibromide		106-93-4	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Isopropylbenzene		98-82-8	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0052**		0.00097	U	0.0011	U
Methyl acetate		79-20-9	NE	0.0060	U	0.007	U	0.0066	U	0.0057	U	0.0053	U	0.0049	U	0.0053	U
Methyl tert-butyl ether		1634-04-4	0.93	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Methylcyclohexane		108-87-2	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0085**		0.00097	U	0.0011	U
Methylene Chloride		75-09-2	0.05	0.0012	U	0.0014	U	**0.00093**	**J**	0.0011	U	0.0011	U	0.00097	U	0.0011	U
m-Xylene & p-Xylene		179601-23-1	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0077**		0.00097	U	0.0011	U
o-Xylene		95-47-6	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0047**		0.00097	U	0.0011	U
Styrene		100-42-5	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Tetrachloroethene		127-18-4	1.3	**0.0014**		**0.00092**	**J**	**0.0043**		0.0011	U	0.0011	U	**0.0013**		**0.003**	
Toluene		108-88-3	0.7	0.0012	U	0.0014	U	0.0013	U	0.0011	U	**0.0016**		0.00097	U	0.0011	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Trichloroethene		79-01-6	0.47	0.0012	U	0.0014	U	**0.0002**	**J**	0.0011	U	0.0011	U	0.00097	U *	0.0011	U *
Trichlorofluoromethane		75-69-4	NE	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Vinyl chloride		75-01-4	0.02	0.0012	U	0.0014	U	0.0013	U	0.0011	U	0.0011	U	0.00097	U	0.0011	U
Total VOCs		NE	NE	**0.0014**		**0.00092**		**0.00543**		0		**0.07986**		**0.0013**		**0.003**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		**1.524**		0.0*T		0.0*T	

Notes:
mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:
J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 2. Grid System Excavation Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	B-4 (0-5)		A-1 (5-10)		A-2 (5-10)		A-3 (5-10)		A-4 (5-10)		B-1 (5-10)		B-2 (5-10)		B-3 (5-10)	
			Start Depth	0		5		5		5		5		5		5		5	
			End Depth	5		10		10		10		10		10		10		10	
			Depth Unit	ft		ft		ft		ft		ft		ft		ft		ft	
			Sample Date	11/13/2020		10/5/2020		10/5/2020		10/5/2020		11/19/2020		10/26/2020		10/27/2020		10/27/2020	
			Parent Sample																
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**																
Volatile Organic Compounds	mg/Kg																		
1,1,1-Trichloroethane		71-55-6	0.68	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,1,2-Trichloroethane		79-00-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,1-Dichloroethane		75-34-3	0.27	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,1-Dichloroethene		75-35-4	0.33	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.00096	U	0.001	U *	0.00099	U *	0.0013	U *	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2-Dichlorobenzene		95-50-1	1.1	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2-Dichloroethane		107-06-2	0.02	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,2-Dichloropropane		78-87-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,3-Dichlorobenzene		541-73-1	2.4	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,4-Dichlorobenzene		106-46-7	1.8	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
1,4-Dioxane		123-91-1	0.1	0.019	U	0.021	U	0.02	U	0.026	U	0.032	U	0.021	U	0.019	U	0.024	U
2-Butanone (MEK)		78-93-3	0.12	0.0048	U	0.0052	U	0.0049	U	0.0064	U	0.0081	U	0.0052	U	0.0049	U	0.0059	U
2-Hexanone		591-78-6	NE	0.0048	U	0.0052	U	0.0049	U	0.0064	U	0.0081	U	0.0052	U *	0.0049	U	0.0059	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0048	U	0.0052	U	0.0049	U	0.0064	U	0.0081	U	0.0052	U	0.0049	U	0.0059	U
Acetone		67-64-1	0.05	0.0058	U	0.0062	U	0.0059	U	0.0077	U	0.0097	U	0.0062	U	**0.017**		**0.0074**	
Benzene		71-43-2	0.06	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Bromoform		75-25-2	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Bromomethane		74-83-9	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U *	0.00097	U	0.0012	U
Carbon disulfide		75-15-0	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Carbon tetrachloride		56-23-5	0.76	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Chlorobenzene		108-90-7	1.1	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Chlorobromomethane		74-97-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Chlorodibromomethane		124-48-1	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Chloroethane		75-00-3	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U *	0.00097	U	0.0012	U
Chloroform		67-66-3	0.37	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Chloromethane		74-87-3	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Cyclohexane		110-82-7	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Dichlorobromomethane		75-27-4	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U *	0.00097	U	0.0012	U
Dichlorodifluoromethane		75-71-8	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Ethylbenzene		100-41-4	1	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Ethylene Dibromide		106-93-4	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Isopropylbenzene		98-82-8	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Methyl acetate		79-20-9	NE	0.0048	U	0.0052	U	0.0049	U	0.0064	U	0.0081	U	0.0052	U	0.0049	U	0.0059	U
Methyl tert-butyl ether		1634-04-4	0.93	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Methylcyclohexane		108-87-2	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Methylene Chloride		75-09-2	0.05	0.00096	U	0.001	U	0.00099	U	**0.00086**	**J**	0.0016	U	0.001	U	0.00097	U	0.0012	U
m-Xylene & p-Xylene		179601-23-1	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
o-Xylene		95-47-6	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Styrene		100-42-5	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Tetrachloroethene		127-18-4	1.3	**0.0065**		**0.001**		**0.0015**		**0.0054**		**0.00069**	**J**	**0.0012**		**0.00063**	**J**	**0.00047**	**J**
Toluene		108-88-3	0.7	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Trichloroethene		79-01-6	0.47	0.00096	U	0.001	U	0.00099	U	**0.00028**	**J**	0.0016	U	0.001	U *	0.00097	U	0.0012	U
Trichlorofluoromethane		75-69-4	NE	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Vinyl chloride		75-01-4	0.02	0.00096	U	0.001	U	0.00099	U	0.0013	U	0.0016	U	0.001	U	0.00097	U	0.0012	U
Total VOCs		NE	NE	**0.0065**		**0.001**		**0.0015**		**0.00654**		**0.00069**		**0.0012**		**0.01763**		**0.00787**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the Stat
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cl
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 2. Grid System Excavation Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Sample Name				B-4 (5-10)		A-1 (10-15)		A-2 (10-15)		A-3 (10-15)		A-4 (10-15)		B-1 (10-15)		B-2 (10-15)		B-3 (10-15)		B-4 (10-15)	
Start Depth				5		10		10		10		10		10		10		10		10	
End Depth				10		15		15		15		15		12.5		12.5		12.5		12.5	
Depth Unit				ft		ft		ft		ft		ft		ft		ft		ft		ft	
Sample Date				12/4/2020		10/9/2020		10/26/2020		10/9/2020		11/19/2020		11/13/2020		11/25/2020		11/25/2020		12/4/2020	
Parent Sample																					
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**																		
Volatile Organic Compounds	mg/Kg																				
1,1,1-Trichloroethane		71-55-6	0.68	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,1,2-Trichloroethane		79-00-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,1-Dichloroethane		75-34-3	0.27	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,1-Dichloroethene		75-35-4	0.33	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U *	0.0011	U *	0.00095	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,2-Dichlorobenzene		95-50-1	1.1	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,2-Dichloroethane		107-06-2	0.02	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,2-Dichloropropane		78-87-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,3-Dichlorobenzene		541-73-1	2.4	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,4-Dichlorobenzene		106-46-7	1.8	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
1,4-Dioxane		123-91-1	0.1	0.019	U	0.024	U	0.022	U	0.021	U	0.031	U	0.02	U	0.024	U	0.023	U	0.019	U
2-Butanone (MEK)		78-93-3	0.12	0.0047	U	0.0059	U *	0.0055	U	0.0053	U *	0.0078	U	0.005	U	0.006	U	0.0057	U	0.0047	U
2-Hexanone		591-78-6	NE	0.0047	U	0.0059	U	0.0055	U *	0.0053	U	0.0078	U	0.005	U	0.006	U	0.0057	U	0.0047	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0047	U	0.0059	U	0.0055	U	0.0053	U	0.0078	U	0.005	U	0.006	U	0.0057	U	0.0047	U
Acetone		67-64-1	0.05	0.0056	U	0.0071	U	0.0066	U	0.0064	U	0.0093	U	0.0061	U	0.0072	U	0.0068	U	0.0057	U
Benzene		71-43-2	0.06	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Bromoform		75-25-2	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Bromomethane		74-83-9	NE	0.00094	U	0.0012	U	0.0011	U *	0.0011	U	0.0016	U	0.001	U	0.0012	U *	0.0011	U *	0.00095	U
Carbon disulfide		75-15-0	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Carbon tetrachloride		56-23-5	0.76	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chlorobenzene		108-90-7	1.1	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chlorobromomethane		74-97-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chlorodibromomethane		124-48-1	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chloroethane		75-00-3	NE	0.00094	U	0.0012	U	0.0011	U *	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chloroform		67-66-3	0.37	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Chloromethane		74-87-3	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Cyclohexane		110-82-7	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Dichlorobromomethane		75-27-4	NE	0.00094	U	0.0012	U	0.0011	U *	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Dichlorodifluoromethane		75-71-8	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Ethylbenzene		100-41-4	1	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Ethylene Dibromide		106-93-4	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Isopropylbenzene		98-82-8	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Methyl acetate		79-20-9	NE	0.0047	U	0.0059	U	0.0055	U	0.0053	U	0.0078	U	0.005	U	0.006	U	0.0057	U	0.0047	U
Methyl tert-butyl ether		1634-04-4	0.93	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Methylcyclohexane		108-87-2	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Methylene Chloride		75-09-2	0.05	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
m-Xylene & p-Xylene		179601-23-1	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
o-Xylene		95-47-6	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Styrene		100-42-5	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Tetrachloroethene		127-18-4	1.3	**0.0041**		**0.012**		0.0011	U	**0.0015**		**0.00092**	**J**	**0.0043**		**0.0056**		**0.00088**	**J**	**0.0033**	
Toluene		108-88-3	0.7	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Trichloroethene		79-01-6	0.47	0.00094	U	0.0012	U	0.0011	U *	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Trichlorofluoromethane		75-69-4	NE	0.00094	U *	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U *
Vinyl chloride		75-01-4	0.02	0.00094	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	0.001	U	0.0012	U	0.0011	U	0.00095	U
Total VOCs		NE	NE	**0.0041**		**0.012**		0		**0.0015**		**0.00092**		**0.0043**		**0.0056**		**0.00088**		**0.0033**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the Stat
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cl
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 3. UST Soil Sampling Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	UST-1		UST-2		UST-3		UST-4	
			Grid Cell	B-4		B-4		B-4		B-4	
			Depth	5		5		5		5	
			Depth Unit	ft		ft		ft		ft	
			Sample Date	11/19/2020		11/19/2020		11/19/2020		11/19/2020	
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**								
Volatile Organic Compounds	mg/Kg										
1,2,4-Trimethylbenzene		95-63-6	3.6	0.0010	U	0.00097	U	0.0011	U	0.0011	U
1,3,5-Trimethylbenzene		108-67-8	8.4	0.0010	U	0.00097	U	0.0011	U	0.0011	U
4-Isopropyltoluene		99-87-6	NE	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Benzene		71-43-2	0.06	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Ethylbenzene		100-41-4	1	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Isopropylbenzene		98-82-8	NE	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Methyl tert-butyl ether		1634-04-4	0.93	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Naphthalene		91-20-3	12	0.0016	U	0.0015	U	0.0016	U	0.0016	U
n-Butylbenzene		104-51-8	12	0.0010	U	0.00097	U	0.0011	U	0.0011	U
N-Propylbenzene		103-65-1	3.9	0.0010	U	0.00097	U	0.0011	U	0.0011	U
sec-Butylbenzene		135-98-8	11	0.0010	U	0.00097	U	0.0011	U	0.0011	U
tert-Butylbenzene		98-06-6	5.9	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Toluene		108-88-3	0.7	0.0010	U	0.00097	U	0.0011	U	0.0011	U
Xylenes, Total		1330-20-7	0.26	0.0021	U	0.0019	U	0.0021	U	0.0022	U
Total VOCs		NE	NE	0.0		0.0		0.0		0.0	
Semivolatile Organic Compounds	mg/Kg										
Acenaphthene		83-32-9	20	0.38	U	0.37	U	0.36	U	0.37	U
Acenaphthylene		208-96-8	100	0.38	U	0.37	U	0.36	U	0.37	U
Anthracene		120-12-7	100	**0.023**	**J**	0.37	U	0.36	U	0.37	U
Benzo[a]anthracene		56-55-3	1	**0.11**		**0.052**		**0.040**		**0.053**	
Benzo[a]pyrene		50-32-8	1	**0.12**		**0.049**		**0.044**		**0.054**	
Benzo[b]fluoranthene		205-99-2	1	**0.15**		**0.061**		**0.050**		**0.070**	
Benzo[g,h,i]perylene		191-24-2	100	**0.071**	**J**	**0.033**	**J**	**0.026**	**J**	**0.031**	**J**
Benzo[k]fluoranthene		207-08-9	0.8	**0.061**		**0.026**	**J**	**0.023**	**J**	**0.026**	**J**
Chrysene		218-01-9	1	**0.10**	**J**	**0.044**	**J**	**0.035**	**J**	**0.048**	**J**
Dibenz(a,h)anthracene		53-70-3	0.33	**0.020**	**J**	0.037	U	0.036	U	0.037	U
Fluoranthene		206-44-0	100	**0.17**	**J**	**0.075**	**J**	**0.052**	**J**	**0.089**	**J**
Fluorene		86-73-7	30	0.38	U	0.37	U	0.36	U	0.37	U
Indeno[1,2,3-cd]pyrene		193-39-5	0.5	**0.084**		**0.037**		**0.034**	**J**	**0.039**	
Naphthalene		91-20-3	12	0.38	U	0.37	U	0.36	U	0.37	U
Phenanthrene		85-01-8	100	**0.095**	**J**	**0.039**	**J**	**0.018**	**J**	**0.048**	**J**
Pyrene		129-00-0	100	**0.16**	**J**	**0.071**	**J**	**0.047**	**J**	**0.076**	**J**
Total SVOCs		NE	NE	**1.164**		**0.487**		**0.369**		**0.534**	
NJDEP EPH	mg/Kg										
Total EPH (C9-C40)		NE	NE	NA		NA		NA		2.2	U

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

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* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 4. Soil Export Truck Log
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
1	9/18/2020	7:00	CV	44	AU292E	x	Farmingdale	**38.30**
2	9/18/2020	7:10	Bove	7	38794MD	01	Holtsville	**22.03**
3	9/18/2020	7:20	Bove	12	38795MD	02	Holtsville	**22.40**
4	9/18/2020	7:30	Bove	192	29380MN	03	Holtsville	**23.54**
5	9/18/2020	7:40	TEV	5	AR239E	04	Farmingdale	**23.99**
6	9/18/2020	7:50	TEV	1	AR236E	05	Farmingdale	**24.99**
7	9/18/2020	8:00	TEV	2	AR237E	06	Farmingdale	**24.57**
8	9/18/2020	8:10	TEV	11	AR493G	07	Farmingdale	**25.16**
9	9/18/2020	8:20	TEV	3	AT941T	08	Farmingdale	**24.93**
10	9/18/2020	10:30	Bove	7	38794MD	09	Holtsville	**22.22**
11	9/18/2020	10:40	Bove	12	38795MD	10	Holtsville	**24.81**
12	9/18/2020	11:00	Bove	192	29380MN	11	Holtsville	**24.61**
13	9/18/2020	13:55	Bove	7	38794MD	12	Holtsville	**23.95**
14	9/18/2020	14:05	Bove	12	38795MD	13	Holtsville	**23.90**
15	9/18/2020	14:15	Bove	192	29380MN	14	Holtsville	**24.67**
16	9/22/2020	7:00	Bove	12	38795MD	14	Farmingdale	**23.36**
17	9/22/2020	7:10	Bove	193	29381MN	15	Farmingdale	**23.96**
18	9/22/2020	7:20	Bove	7	38794MD	16	Farmingdale	**23.27**
19	9/22/2020	7:50	TEV	2	AR237E	17	Holtsville	**28.48**
20	9/22/2020	8:00	TEV	11	AR493G	18	Holtsville	**27.97**
21	9/22/2020	8:15	CV	44	AU292F	19	Holtsville	**27.40**
22	9/22/2020	8:25	TEV	3	AT941T	20	Holtsville	**27.81**
23	9/22/2020	8:35	TEV	7	AT942T	21	Holtsville	**28.11**
24	9/22/2020	8:45	CV	19	AU293F	22	Holtsville	**27.42**
25	9/22/2020	8:55	TEV	6	AW368J	23	Holtsville	**26.08**
26	9/22/2020	9:05	TEV	1	AR236E	24	Holtsville	**27.33**
27	9/22/2020	9:15	TEV	30	AT145G	25	Holtsville	**26.92**
28	9/22/2020	9:25	TEV	8	AR494G	26	Holtsville	**26.45**
29	9/22/2020	9:35	TEV	32	AT147G	27	Holtsville	**26.60**
30	9/22/2020	10:35	Bove	12	38795MD	28	Farmingdale	**20.87**
31	9/22/2020	10:45	Bove	193	29381MN	29	Farmingdale	**21.17**
32	9/22/2020	10:55	Bove	7	38794MD	30	Farmingdale	**22.37**
33	9/22/2020	13:25	Bove	12	38795MD	31	Farmingdale	**22.06**
34	9/22/2020	13:35	Bove	193	29381MN	32	Farmingdale	**23.01**
35	9/22/2020	13:55	Bove	7	38794MD	33	Farmingdale	**22.07**
36	9/24/2020	7:00	TEV	5	AR239F	34	Holtsville	**25.39**
37	9/24/2020	7:10	CV	19	AU293F	35	Holtsville	**27.81**
38	9/24/2020	7:20	TEV	6	AW368J	36	Holtsville	**27.99**
39	9/24/2020	7:30	TEV	32	AT147G	37	Holtsville	**26.57**
40	9/24/2020	7:40	Bove	7	38794MD	38	Farmingdale	**22.58**
41	9/24/2020	7:50	Bove	193	29381MN	39	Farmingdale	**23.73**
42	9/24/2020	8:00	Bove	12	38795MD	40	Farmingdale	**22.15**
43	9/24/2020	8:10	TEV	3	AT941T	41	Holtsville	**26.93**
44	9/24/2020	8:20	CV	44	AU292F	42	Farmingdale	**25.20**
45	9/24/2020	8:30	TEV	1	AR236E	43	Holtsville	**28.00**
46	9/24/2020	8:40	TEV	7	AT942T	44	Farmingdale	**26.96**
47	9/24/2020	8:50	TEV	11	AR493G	45	Farmingdale	**27.16**
48	9/24/2020	9:35	Manolos	13	AT256E	46	Farmingdale	**26.10**
49	9/24/2020	9:45	Manolos	12	AT184B	47	Farmingdale	**27.00**
50	9/24/2020	9:55	CF	9	AR874C	48	Farmingdale	**26.81**
51	9/24/2020	10:10	TEV	5	AR239E	49	Holtsville	**28.37**
52	9/24/2020	10:20	CV	19	AU293E	50	Holtsville	**27.73**
53	9/24/2020	10:30	TEV	6	AW368J	51	Holtsville	**24.93**
54	9/24/2020	10:40	Bove	7	38794MD	52	Farmingdale	**21.95**
55	9/24/2020	10:50	Bove	193	29381MN	53	Farmingdale	**24.42**
56	9/24/2020	11:00	Bove	12	38795MD	54	Farmingdale	**20.40**
57	9/24/2020	11:10	CV	44	AU292E	55	Holtsville	**25.66**
58	9/24/2020	11:25	TEV	32	AT147G	56	Holtsville	**26.13**
59	9/24/2020	11:35	TEV	3	AT941T	57	Holtsville	**30.60**
60	9/24/2020	11:50	TEV	1	AR236E	58	Holtsville	**31.01**
61	9/24/2020	12:40	TEV	7	AT942T	59	Holtsville	**29.37**
62	9/24/2020	12:55	TEV	11	AR943G	60	Holtsville	**28.27**
63	9/24/2020	13:05	Bove	7	38794MD	61	Farmingdale	**26.10**
64	9/24/2020	13:15	Bove	193	29381MN	62	Farmingdale	**27.10**
65	9/24/2020	14:30	Bove	12	38795MD	63	Farmingdale	**26.51**

Table 4. Soil Export Truck Log
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
66	9/28/2020	7:00	TEV	2	AR237E	64	Holtsville	**28.41**
67	9/28/2020	7:25	CV	44	AU292E	65	Holtsville	**28.79**
68	9/28/2020	7:35	CV	99	AU291E	66	Holtsville	**28.74**
69	9/28/2020	8:40	TEV	3	AT941T	67	Holtsville	**27.49**
70	9/28/2020	10:30	TEV	8	AR494G	68	Holtsville	**28.60**
71	9/28/2020	11:00	TEV	11	AR493G	69	Holtsville	**27.36**
72	9/29/2020	7:20	TEV	3	AT941T	70	Holtsville	**25.90**
73	9/29/2020	7:30	TEV	5	AR239E	71	Holtsville	**27.87**
74	9/29/2020	7:40	TEV	1	AR236E	72	Holtsville	**28.72**
75	9/29/2020	7:45	TEV	11	AR493G	73	Holtsville	**28.02**
76	9/29/2020	7:50	TEV	32	AT747G	74	Holtsville	**28.52**
77	9/29/2020	7:55	TEV	8	AR494G	75	Holtsville	**28.45**
78	9/29/2020	8:00	TEV	13	AR491G	76	Holtsville	**27.92**
79	9/29/2020	8:05	Bove	12	38795MD	77	Farmingdale	**26.41**
80	9/29/2020	8:10	Bove	7	38794MD	78	Farmingdale	**25.75**
81	9/29/2020	8:15	Bove	193	29381MN	79	Farmingdale	**27.19**
82	9/29/2020	8:50	TEV	30	AT145G	80	Holtsville	**28.06**
83	9/29/2020	10:30	TEV	3	AT941T	81	Holtsville	**28.51**
84	9/29/2020	10:35	TEV	5	AR239E	82	Holtsville	**28.33**
85	9/29/2020	10:40	TEV	1	AR236E	83	Holtsville	**26.41**
86	9/29/2020	10:50	TEV	11	AR493G	84	Holtsville	**28.45**
87	9/29/2020	10:55	TEV	8	AR494G	85	Holtsville	**28.05**
88	9/29/2020	11:00	TEV	32	AT147G	86	Holtsville	**25.77**
89	9/29/2020	11:05	Bove	193	29381MN	87	Farmingdale	**26.60**
90	9/29/2020	11:10	Bove	7	38794MD	88	Farmingdale	**26.20**
91	9/29/2020	11:15	Bove	12	38795MD	89	Farmingdale	**25.78**
92	9/29/2020	11:20	TEV	13	AR491G	90	Holtsville	**29.66**
93	9/29/2020	11:45	TEV	30	AT145G	91	Holtsville	**28.26**
94	9/29/2020	14:30	Bove	193	29381MN	92	Farmingdale	**25.71**
95	9/29/2020	14:30	Bove	12	38975MD	93	Farmingdale	**26.42**
96	9/29/2020	14:35	Bove	7	38974MD	94	Farmingdale	**26.01**
97	10/1/2020	7:05	CV	44	AU292E	95	Holtsville	**28.71**
98	10/1/2020	7:13	CV	99	AU291E	96	Holtsville	**28.87**
99	10/1/2020	7:22	CV	19	AU293E	97	Holtsville	**28.51**
100	10/1/2020	7:26	TEV	4	AR240E	98	Holtsville	**29.86**
101	10/1/2020	7:30	Bove	7	38794MD	99	Farmingdale	**24.07**
102	10/1/2020	7:36	Bove	192	29380MN	100	Farmingdale	**24.07**
103	10/1/2020	7:43	Bove	12	38795MD	101	Farmingdale	**25.17**
104	10/1/2020	7:48	TEV	7	AT492T	102	Holtsville	**31.51**
105	10/1/2020	8:02	TEV	14	AT491V	103	Holtsville	**30.63**
106	10/1/2020	8:16	TEV	13	AR941G	104	Holtsville	**33.12**
107	10/1/2020	9:30	TEV	9	AM714Y	105	Holtsville	**29.69**
108	10/1/2020	9:50	TEV	5	AR239E	106	Holtsville	**31.11**
109	10/1/2020	9:56	TEV	3	AT491T	107	Holtsville	**30.32**
110	10/1/2020	10:05	TEV	11	AR493G	108	Holtsville	**29.18**
111	10/1/2020	10:15	CV	44	AU292E	109	Holtsville	**29.42**
112	10/1/2020	10:22	CV	99	AU291E	110	Holtsville	**28.49**
113	10/1/2020	10:30	TEV	8	AR494G	111	Holtsville	**29.63**
114	10/1/2020	10:36	TEV	10	AN851C	112	Holtsville	**27.07**
115	10/1/2020	11:03	Bove	7	38794MD	113	Farmingdale	**25.03**
116	10/1/2020	11:06	Bove	192	29380MN	114	Farmingdale	**24.20**
117	10/1/2020	11:18	TEV	1	AR236E	115	Holtsville	**28.81**
118	10/1/2020	11:22	CV	19	AU293E	116	Holtsville	**28.46**
119	10/1/2020	11:32	TEV	4	AR240E	117	Holtsville	**28.40**
120	10/1/2020	11:52	TEV	13	AR491G	118	Holtsville	**30.36**
121	10/1/2020	12:10	Bove	12	38795MD	119	Farmingdale	**25.51**
122	10/1/2020	13:32	Bove	7	38794MD	120	Farmingdale	**26.17**
123	10/1/2020	13:40	Bove	192	29380MN	121	Farmingdale	**26.94**

Table 4. Soil Export Truck Log
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
124	10/5/2020	7:15	TEV	1	AR236E	122	Holtsville	**28.92**
125	10/5/2020	7:25	TEV	13	AR491G	123	Holtsville	**31.41**
126	10/5/2020	7:35	TEV	30	AT145G	124	Holtsville	**30.17**
127	10/5/2020	7:45	TEV	8	AR494G	125	Holtsville	**29.47**
128	10/5/2020	7:55	Bove	192	29380MN	126	Farmingdale	**29.16**
129	10/5/2020	8:00	Bove	193	29381MN	127	Farmingdale	**25.01**
130	10/5/2020	8:10	TEV	2	AR237E	128	Holtsville	**29.86**
131	10/5/2020	8:15	CV	99	AU291E	129	Holtsville	**30.55**
132	10/5/2020	8:20	TEV	3	AT491T	130	Holtsville	**28.64**
133	10/5/2020	8:25	TEV	11	AR493G	131	Holtsville	**30.88**
134	10/5/2020	8:35	TEV	5	AR239E	132	Holtsville	**28.90**
135	10/5/2020	8:40	TEV	32	AT147G	133	Holtsville	**29.92**
136	10/5/2020	10:30	TEV	1	AR236E	134	Holtsville	**30.03**
137	10/5/2020	10:35	TEV	13	AR491G	135	Holtsville	**30.59**
138	10/5/2020	10:40	TEV	30	AT145G	136	Holtsville	**32.22**
139	10/5/2020	10:45	TEV	8	AR494G	137	Holtsville	**30.23**
140	10/5/2020	10:50	Bove	192	29380MN	138	Farmingdale	**26.22**
141	10/5/2020	10:55	Bove	12	38795MD	139	Farmingdale	**25.45**
142	10/5/2020	11:05	Bove	193	29381MN	140	Farmingdale	**27.95**
143	10/5/2020	8:05	Bove	12	38795MD	128	Farmingdale	**25.78**
144	10/5/2020	11:15	TEV	2	AR237E	141	Holtsville	**29.93**
145	10/5/2020	11:20	TEV	97	AU291E	142	Holtsville	**29.12**
146	10/5/2020	11:20	TEV	3	AT941T	143	Holtsville	**30.08**
147	10/5/2020	11:25	TEV	5	AR239T	144	Holtsville	**28.65**
148	10/5/2020	11:30	TEV	9	AM714Y	145	Holtsville	**29.47**
149	10/5/2020	11:35	TEV	11	AR493G	146	Holtsville	**30.31**
150	10/5/2020	13:40	Bove	192	29380MN	147	Farmingdale	**25.50**
151	10/5/2020	13:45	Bove	193	29381MN	148	Farmingdale	**25.84**
152	10/5/2020	13:50	Bove	12	38795MD	149	Farmingdale	**27.90**
153	10/8/2020	7:00	TEV	32	AT147G	150	Holtsville	**31.68**
154	10/8/2020	7:02	TEV	13	AR491G	151	Holtsville	**33.87**
155	10/8/2020	7:13	CV	44	AU292E	152	Holtsville	**33.50**
156	10/8/2020	7:18	TEV	7	AT492T	153	Holtsville	**32.96**
157	10/8/2020	7:22	CV	19	AU293E	154	Holtsville	**31.93**
158	10/8/2020	7:26	TEV	6	AW368J	155	Holtsville	**32.63**
159	10/8/2020	7:33	Bove	192	29380MN	156	Farmingdale	**26.82**
160	10/8/2020	7:36	Bove	7	38794MD	157	Farmingdale	**25.39**
161	10/8/2020	7:45	Bove	12	38795MD	158	Farmingdale	**27.68**
162	10/8/2020	7:51	TEV	3	AT491T	159	Holtsville	**29.85**
163	10/8/2020	8:00	TEV	5	AR239F	160	Holtsville	**31.34**
164	10/8/2020	8:05	TEV	1	AR236E	161	Holtsville	**31.12**
165	10/8/2020	8:11	TEV	2	AR237E	162	Holtsville	**29.63**
166	10/8/2020	8:16	TEV	8	AR494G	163	Holtsville	**31.94**
167	10/8/2020	8:20	TEV	11	AR493G	164	Holtsville	**31.51**
168	10/8/2020	10:02	TEV	13	AR491G	165	Holtsville	**34.14**
169	10/8/2020	10:12	CV	44	AU292E	166	Holtsville	**30.24**
170	10/8/2020	10:18	TEV	7	AT492T	167	Holtsville	**31.23**
171	10/8/2020	10:40	CV	19	AU293E	168	Holtsville	**29.36**
172	10/8/2020	10:41	TEV	32	AT147G	169	Holtsville	**31.26**
173	10/8/2020	10:50	Bove	7	38794MD	170	Farmingdale	**27.39**
174	10/8/2020	11:08	TEV	6	AW368J	171	Holtsville	**29.46**
175	10/8/2020	11:20	Bove	12	38795MD	172	Farmingdale	**27.10**
176	10/8/2020	11:21	TEV	3	AT941T	173	Holtsville	**31.55**
177	10/8/2020	11:30	TEV	5	AR239E	174	Holtsville	**31.73**
178	10/8/2020	11:33	TEV	2	AR237E	175	Holtsville	**31.56**
179	10/8/2020	11:40	TEV	1	AR236E	176	Holtsville	**32.25**
180	10/8/2020	11:53	TEV	8	AR494G	177	Holtsville	**29.49**
181	10/8/2020	12:30	Bove	192	29380MN	178	Farmingdale	**29.23**
182	10/8/2020	14:00	Bove	7	38794MD	179	Farmingdale	**25.21**
183	10/8/2020	14:10	Bove	12	38795MD	180	Farmingdale	**24.42**

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Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
184	10/14/2020	7:05	CV	44	AU292E	181	Holtsville	**32.65**
185	10/14/2020	7:14	TEV	5	AR239E	182	Holtsville	**33.75**
186	10/14/2020	7:20	TEV	3	AT941T	183	Holtsville	**31.86**
187	10/14/2020	7:30	TEV	32	AT147G	184	Holtsville	**33.86**
188	10/14/2020	7:35	TEV	10	AN851C	185	Holtsville	**33.16**
189	10/14/2020	7:41	Bove	192	29380MN	186	Farmingdale	**28.76**
190	10/14/2020	7:48	Bove	12	38795MD	187	Farmingdale	**28.98**
191	10/14/2020	7:55	CV	19	AU293E	188	Holtsville	**32.67**
192	10/14/2020	8:04	TEV	6	AW368J	189	Holtsville	**29.95**
193	10/14/2020	8:08	Bove	7	38794MD	190	Farmingdale	**27.04**
194	10/14/2020	8:15	TEV	9	AM714Y	191	Holtsville	**30.62**
195	10/14/2020	8:24	CV	99	AU291E	192	Holtsville	**30.85**
196	10/14/2020	8:29	TEV	2	AR237E	193	Holtsville	**31.53**
197	10/14/2020	8:48	TEV	13	AR491G	194	Holtsville	**31.96**
198	10/14/2020	9:24	TEV	11	AR493G	195	Holtsville	**31.41**
199	10/14/2020	9:33	TEV	1	AR236E	196	Holtsville	**31.90**
200	10/14/2020	9:42	TEV	7	AT942T	197	Holtsville	**31.25**
201	10/14/2020	10:01	CV	44	AU292E	198	Holtsville	**31.41**
202	10/14/2020	10:08	TEV	5	AR239E	199	Holtsville	**31.09**
203	10/14/2020	10:14	TEV	3	AT491T	200	Holtsville	**30.53**
204	10/14/2020	10:22	Bove	192	29380MN	201	Farmingdale	**27.02**
205	10/14/2020	10:30	TEV	8	AR494G	202	Holtsville	**30.49**
206	10/14/2020	10:35	TEV	32	AT147G	203	Holtsville	**29.17**
207	10/14/2020	10:42	TEV	10	AN851C	204	Holtsville	**29.78**
208	10/14/2020	10:48	Bove	7	38794MD	205	Farmingdale	**26.45**
209	10/14/2020	10:53	Bove	12	38795MD	206	Farmingdale	**26.31**
210	10/14/2020	11:00	CV	19	AU293E	207	Holtsville	**28.33**
211	10/14/2020	11:08	TEV	6	AW368J	208	Holtsville	**28.23**
212	10/14/2020	11:17	TEV	9	AM714Y	209	Holtsville	**29.14**
213	10/14/2020	11:25	CV	99	AU291E	210	Holtsville	**28.08**
214	10/14/2020	11:32	TEV	2	AR237E	211	Holtsville	**30.02**
215	10/14/2020	12:00	TEV	13	AR941G	212	Holtsville	**29.17**
216	10/14/2020	12:16	TEV	7	AT942T	213	Holtsville	**31.03**
217	10/14/2020	12:26	TEV	11	AR493G	214	Holtsville	**30.21**
218	10/14/2020	12:41	Bove	192	29380MN	215	Farmingdale	**26.83**
219	10/14/2020	12:55	Bove	7	38794MD	216	Farmingdale	**21.65**
220	10/14/2020	13:20	Bove	12	38795MD	217	Farmingdale	**23.43**
221	10/22/2020	7:01	CV	44	AU292E	218	Holtsville	**29.02**
222	10/22/2020	7:12	CV	99	AU291E	219	Holtsville	**30.31**
223	10/22/2020	7:18	CV	19	AU293E	220	Holtsville	**29.93**
224	10/22/2020	7:27	TEV	11	AR493G	221	Holtsville	**30.89**
225	10/22/2020	7:34	TEV	8	AR494G	222	Holtsville	**30.88**
226	10/22/2020	7:43	TEV	7	AT492T	223	Holtsville	**30.02**
227	10/22/2020	8:03	TEV	13	AR491G	224	Holtsville	**30.96**
228	10/22/2020	8:16	Bove	192	29380MN	225	Farmingdale	**28.05**
229	10/22/2020	8:26	Bove	193	29381MN	226	Farmingdale	**28.06**
230	10/22/2020	8:35	TEV	32	AT147G	227	Holtsville	**30.90**
231	10/22/2020	8:44	Bove	12	38795MD	228	Farmingdale	**26.43**
232	10/22/2020	8:55	Bove	7	38794MD	229	Farmingdale	**21.19**
233	10/22/2020	9:08	TEV	9	AM714Y	230	Holtsville	**30.58**
234	10/22/2020	9:55	CV	44	AU292E	231	Holtsville	**29.84**
235	10/22/2020	10:04	CV	99	AU291E	232	Holtsville	**31.25**
236	10/22/2020	10:18	CV	19	AU293E	233	Holtsville	**29.06**
237	10/22/2020	10:26	TEV	8	AR494G	234	Holtsville	**31.57**
238	10/22/2020	10:34	TEV	11	AR493G	235	Holtsville	**32.50**
239	10/22/2020	10:44	Bove	192	29380MN	236	Farmingdale	**26.75**
240	10/22/2020	10:54	TEV	7	AT942T	237	Holtsville	**31.37**
241	10/22/2020	11:10	Bove	193	29381MN	238	Farmingdale	**29.44**
242	10/22/2020	11:02	TEV	13	AR491G	239	Holtsville	**33.10**
243	10/22/2020	11:23	Bove	7	38794MD	240	Farmingdale	**21.57**
244	10/22/2020	11:37	Bove	12	38795MD	241	Farmingdale	**27.39**
245	10/22/2020	11:50	TEV	32	AT147G	242	Holtsville	**32.29**
246	10/22/2020	12:22	TEV	9	AM714Y	243	Holtsville	**31.62**
247	10/22/2020	13:23	Bove	192	29380MN	244	Farmingdale	**28.23**
248	10/22/2020	13:50	Bove	193	29381MN	245	Farmingdale	**28.92**
249	10/22/2020	14:06	Bove	12	38795MD	246	Farmingdale	**28.71**
250	10/23/2020	7:20	CV	44	AU292E	247	Holtsville	**28.29**
251	10/23/2020	7:41	CV	99	AU291E	248	Holtsville	**29.20**
252	10/23/2020	8:00	TEV	1	AR236E	249	Holtsville	**30.52**
253	10/23/2020	8:10	TEV	4	AR240E	250	Holtsville	**30.65**
254	10/23/2020	8:16	CV	19	AU293E	251	Holtsville	**29.60**
255	10/23/2020	8:22	Bove	193	29381MN	252	Farmingdale	**27.05**
256	10/23/2020	8:28	Bove	12	38795MD	253	Farmingdale	**26.15**
257	10/23/2020	10:06	CV	44	AU292E	254	Holtsville	**24.59**
258	10/23/2020	10:45	Bove	193	29381MN	255	Farmingdale	**27.47**
259	10/23/2020	10:54	TEV	1	AR236E	256	Holtsville	**27.76**
260	10/23/2020	11:03	Bove	12	38795MD	257	Farmingdale	**26.29**
261	10/23/2020	11:11	TEV	4	AR240E	258	Holtsville	**28.68**
262	10/23/2020	11:21	CV	19	AU293E	259	Holtsville	**29.52**
263	10/23/2020	13:02	Bove	193	29381MN	260	Farmingdale	**26.34**
264	10/23/2020	13:25	Bove	12	38795MD	261	Farmingdale	**27.34**

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#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
265	11/11/2020	7:00	TEV	12	AR238E	262	Holtsville	**26.82**
266	11/11/2020	7:10	TEV	3	AT941T	263	Holtsville	**26.44**
267	11/11/2020	7:20	TEV	32	AT147G	264	Holtsville	**29.65**
268	11/11/2020	7:30	TEV	11	AR493G	265	Holtsville	**29.48**
269	11/11/2020	7:40	Bove	7	38794MD	266	Farmingdale	**27.33**
270	11/11/2020	7:50	Bove	192	29380MN	267	Farmingdale	**28.77**
271	11/11/2020	7:55	Bove	12	38795MD	268	Farmingdale	**27.15**
272	11/11/2020	8:00	Bove	193	29381MN	269	Farmingdale	**28.37**
273	11/11/2020	8:25	TEV	4	AR240E	270	Holtsville	**28.33**
274	11/11/2020	8:30	CV	99	AU291E	271	Holtsville	**29.44**
275	11/11/2020	8:35	TEV	1	AR236E	272	Holtsville	**30.91**
276	11/11/2020	8:45	TEV	13	AR436G	273	Holtsville	**33.32**
277	11/11/2020	8:55	TEV	15	AT492U	274	Holtsville	**33.34**
278	11/11/2020	9:55	Bove	7	38794MD	275	Farmingdale	**30.01**
279	11/11/2020	10:05	Bove	192	29380MN	276	Farmingdale	**32.41**
280	11/11/2020	10:10	Bove	12	38795MD	277	Farmingdale	**28.29**
281	11/11/2020	10:15	TEV	3	AT941T	278	Holtsville	**30.48**
282	11/11/2020	10:20	TEV	11	AR493G	279	Holtsville	**31.37**
283	11/11/2020	10:30	TEV	32	AT147G	280	Holtsville	**31.65**
284	11/11/2020	10:40	Bove	193	29381MN	281	Farmingdale	**30.49**
285	11/11/2020	10:45	TEV	12	AR238E	282	Holtsville	**25.56**
286	11/11/2020	11:05	TEV	4	AR240E	283	Holtsville	**29.84**
287	11/11/2020	11:10	CV	99	AU291E	284	Holtsville	**29.96**
288	11/11/2020	11:25	TEV	1	AR236E	285	Holtsville	**30.04**
289	11/11/2020	11:35	TEV	13	AR491G	286	Holtsville	**34.72**
290	11/11/2020	11:40	TEV	15	AT492Y	287	Holtsville	**34.97**
291	11/11/2020	12:15	Bove	7	38794MD	288	Farmingdale	**29.92**
292	11/11/2020	12:20	Bove	192	29380MN	289	Farmingdale	**31.89**
293	11/11/2020	12:30	Bove	12	38795MD	290	Farmingdale	**29.19**
294	11/11/2020	13:00	Bove	193	29381MN	291	Farmingdale	**29.27**
295	11/12/2020	7:03	TEV	4	AR240E	292	Farmingdale	**28.93**
296	11/12/2020	7:15	TEV	32	AT147G	293	Farmingdale	**30.41**
297	11/12/2020	7:23	TEV	3	AT491T	294	Farmingdale	**29.61**
298	11/12/2020	7:30	TEV	11	AR493G	295	Farmingdale	**31.72**
299	11/12/2020	7:41	CV	44	AU292E	296	Farmingdale	**29.25**
300	11/12/2020	7:49	Bove	192	29380MN	297	Farmingdale	**28.89**
301	11/12/2020	7:55	Sebest	1	AT139N	298	Farmingdale	**31.93**
302	11/12/2020	8:10	CV	19	AU293E	299	Farmingdale	**30.76**
303	11/12/2020	8:19	TEV	6	AW368J	300	Farmingdale	**28.38**
304	11/12/2020	8:25	TEV	13	AR491G	302	Holtsville	**33.18**
305	11/12/2020	8:36	TEV	10	AN851C	303	Holtsville	**31.56**
306	11/12/2020	8:44	S. Ocampo	67	AW379C	304	Farmingdale	**28.99**
307	11/12/2020	8:54	Sebest	2	AU479S	305	Farmingdale	**29.53**
308	11/12/2020	9:02	Osuna	1	AW592C	306	Farmingdale	**31.43**
309	11/12/2020	9:22	Sebas David	3	AW333E	307	Farmingdale	**26.83**
310	11/12/2020	9:30	SLJ	2	AT233E	308	Farmingdale	**26.89**
311	11/12/2020	9:59	TEV	4	AR240E	309	Farmingdale	**30.32**
312	11/12/2020	10:12	TEV	3	AT941T	310	Farmingdale	**30.48**
313	11/12/2020	10:20	CV	44	AU292E	311	Farmingdale	**31.88**
314	11/12/2020	10:30	TEV	32	AT147G	312	Farmingdale	**31.25**
315	11/12/2020	10:35	TEV	11	AR493G	313	Farmingdale	**29.86**
316	11/12/2020	10:43	Bove	192	29380MN	314	Farmingdale	**26.48**
317	11/12/2020	10:50	CV	19	AU293E	315	Farmingdale	**29.91**
318	11/12/2020	10:59	TEV	6	AW368J	316	Farmingdale	**30.43**
319	11/12/2020	11:26	S. Ocampo	67	AW379C	317	Farmingdale	**27.24**
320	11/12/2020	11:37	TEV	13	AR491G	318	Farmingdale	**34.13**
321	11/12/2020	12:06	TEV	10	AN851C	319	Farmingdale	**30.77**
322	11/12/2020	12:13	Sebas David	3	AW333E	320	Farmingdale	**29.90**
323	11/12/2020	12:30	SLJ	2	AT233E	321	Farmingdale	**26.95**
324	11/13/2020	7:21	CV	19	AU293E	322	Farmingdale	**30.58**
325	11/13/2020	7:27	TEV	6	AW368J	323	Farmingdale	**28.64**
326	11/13/2020	7:42	Bove	192	29380MN	324	Farmingdale	**27.54**
327	11/13/2020	7:48	Sebas David	2	AW224L	325	Farmingdale	**29.49**
328	11/13/2020	8:36	TEV	3	AT941T	326	Farmingdale	**30.29**
329	11/13/2020	8:42	TEV	11	AR493G	327	Farmingdale	**29.54**
330	11/13/2020	8:48	TEV	13	AR491G	328	Farmingdale	**32.37**
331	11/13/2020	9:00	TEV	32	AT147G	329	Farmingdale	**29.26**
332	11/13/2020	9:14	TEV	9	AM714Y	330	Farmingdale	**28.83**
333	11/13/2020	9:35	S. Ocampo	67	AW379C	331	Farmingdale	**30.17**
334	11/13/2020	9:56	CV	19	AU293E	332	Farmingdale	**31.28**
335	11/13/2020	10:02	TEV	6	AW368J	333	Farmingdale	**30.72**
336	11/13/2020	10:10	Bove	192	29380MN	334	Farmingdale	**28.55**
337	11/13/2020	10:33	Sebas David	4	AW737F	335	Farmingdale	**22.80**
338	11/13/2020	11:11	TEV	11	AR493G	336	Farmingdale	**27.85**
339	11/13/2020	11:23	TEV	3	AT941T	337	Farmingdale	**25.17**
340	11/13/2020	11:30	TEV	13	AR491G	3601	Farmingdale	**33.36**
341	11/13/2020	11:50	TEV	32	AT147G	3602	Farmingdale	**28.87**
342	11/13/2020	12:37	Bove	192	29380MN	3603	Farmingdale	**26.67**

Table 4. Soil Export Truck Log
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
343	11/17/2020	7:00	Sebas David	3	AW338E	3561	Farmingdale	**31.86**
344	11/17/2020	7:10	Sebas David	2	AW224C	3562	Farmingdale	**29.75**
345	11/17/2020	7:20	Sebas David	5	AW625R	3563	Farmingdale	**32.09**
346	11/17/2020	7:30	Sebas David	1	AW573B	3564	Farmingdale	**30.56**
347	11/17/2020	7:40	TEV	2	AR237E	3565	Farmingdale	**33.44**
348	11/17/2020	7:50	Bove	7	38794MD	3566	Farmingdale	**32.17**
349	11/17/2020	8:00	CV	44	AU292E	3567	Farmingdale	**31.91**
350	11/17/2020	8:10	CV	99	AU291E	3568	Farmingdale	**32.48**
351	11/17/2020	8:20	Bove	192	29380MN	3569	Farmingdale	**31.64**
352	11/17/2020	8:30	Bove	12	38795MN	3570	Farmingdale	**28.97**
353	11/17/2020	8:40	Bove	193	29381MN	3571	Farmingdale	**28.07**
354	11/17/2020	8:45	CV	19	AU293E	3572	Farmingdale	**33.24**
355	11/17/2020	8:50	TEV	6	AW368J	3573	Farmingdale	**31.59**
356	11/17/2020	8:55	DI		AW532H	3574	Farmingdale	**26.62**
357	11/17/2020	9:55	TEV	2	AR237E	3575	Farmingdale	**32.82**
358	11/17/2020	9:58	Sebas David	3	AW338E	3576	Farmingdale	**30.20**
359	11/17/2020	10:00	Sebas David	2	AW224C	3577	Farmingdale	**28.89**
360	11/17/2020	10:05	Sebas David	5	AW625R	3578	Farmingdale	**33.45**
361	11/17/2020	10:15	Sebas David	1	AW573B	3579	Farmingdale	**31.51**
362	11/17/2020	10:25	Bove	7	38794MD	3580	Farmingdale	**28.13**
363	11/17/2020	10:30	CV	44	AU292E	3604	Farmingdale	**32.07**
364	11/17/2020	10:32	CV	99	AU291E	3581	Farmingdale	**32.30**
365	11/17/2020	10:35	Bove	12	38795MD	3582	Farmingdale	**28.91**
366	11/17/2020	10:40	TEV	6	AW368T	3583	Farmingdale	**32.30**
367	11/17/2020	10:45	CV	19	AU293E	3584	Farmingdale	**32.55**
368	11/17/2020	10:55	Bove	192	29380MN	3585	Farmingdale	**31.80**
369	11/17/2020	11:00	Bove	193	29381MN	3586	Farmingdale	**24.18**
370	11/17/2020	11:00	Bove	193	29381MN	3587	Farmingdale	**28.62**
371	11/17/2020	12:55	Bove	7	38794MD	3588	Farmingdale	**26.48**
372	11/17/2020	13:05	Bove	12	38793MD	3589	Farmingdale	**26.54**
373	11/17/2020	13:15	Bove	192	29380MN	3590	Farmingdale	**29.76**
374	11/19/2020	7:00	TEV	02	AR237E	338	Holtsville	**27.85**
375	11/19/2020	7:10	CV	44	AU292E	339	Holtsville	**25.93**
376	11/19/2020	7:20	TEV	5	AR239F	340	Holtsville	**27.37**
377	11/19/2020	7:30	TEV	7	AT942T	341	Holtsville	**29.81**
378	11/19/2020	7:40	TEV	8	AR494G	342	Holtsville	**29.80**
379	11/19/2020	7:50	Bove	192	29380MN	343	Farmingdale	**25.81**
380	11/19/2020	7:55	Bove	7	38794MD	344	Farmingdale	**22.74**
381	11/19/2020	8:00	Bove	12	38795MD	345	Farmingdale	**23.83**
382	11/19/2020	8:05	Bove	193	29381MN	346	Farmingdale	**24.14**
383	11/19/2020	8:30	S. Ocampo	2	AU479S	347	Holtsville	**29.49**
384	11/19/2020	8:35	Osuna	1	AU592C	348	Holtsville	**30.83**
385	11/19/2020	8:40	S. Ocampo	67	AU319C	349	Holtsville	**28.97**
386	11/19/2020	8:45	Sebas David	4	AU737E	350	Holtsville	**30.86**
387	11/19/2020	9:00	H&M	77	AW293F	351	Holtsville	**28.60**
388	11/19/2020	9:05	Sebas David	1	AU573B	352	Holtsville	**32.09**
389	11/19/2020	9:30	H&M	75	AW632L	353	Holtsville	**30.19**
390	11/19/2020	9:40	Sebas David	2	AW224C	354	Holtsville	**31.97**
391	11/19/2020	10:00	Sebas David	3	AW333E	355	Holtsville	**28.66**
392	11/19/2020	10:05	TEV	2	AR237E	356	Holtsville	**26.73**
393	11/19/2020	10:10	TEV	5	AK239F	357	Holtsville	**31.16**
394	11/19/2020	10:15	Bove	192	29380MN	358	Farmingdale	**26.30**
395	11/19/2020	10:25	Bove	7	38794MD	359	Farmingdale	**22.94**
396	11/19/2020	10:30	CV	44	AU292E	359	Holtsville	**23.64**
397	11/19/2020	10:35	TEV	7	AT942T	360	Holtsville	**30.64**
398	11/19/2020	10:40	TEV	8	AR494G	361	Holtsville	**25.57**
399	11/19/2020	10:50	Bove	12	38795MD	362	Farmingdale	**25.70**
400	11/19/2020	10:55	Bove	193	29381MN	363	Farmingdale	**23.70**
401	11/19/2020	12:30	Bove	192	29380MN	364	Farmingdale	**25.82**
402	11/19/2020	13:00	Bove	7	38794MD	365	Farmingdale	**25.98**
403	11/19/2020	13:20	Bove	12	38795MD	366	Farmingdale	**22.41**
404	11/19/2020	13:25	Bove	193	29381MN	367	Farmingdale	**23.23**
405	11/24/2020	7:20	Bove	12	38795MD	368	Farmingdale	**21.06**
406	11/24/2020	7:30	Bove	7	38794MD	369	Farmingdale	**21.04**
407	11/24/2020	7:35	Tri-State Paving	TW06	91518MN	370	Farmingdale	**25.29**
408	11/24/2020	7:40	Tri-State Paving	TW02	43601MN	371	Farmingdale	**26.48**
409	11/24/2020	7:50	Tri-State Paving	TW05	91517MN	371	Farmingdale	**23.32**
410	11/24/2020	7:55	TMF	1	AW310D	372	Farmingdale	**29.29**
411	11/24/2020	8:00	Bove	193	29381MN	373	Farmingdale	**22.97**
412	11/24/2020	12:30	Bove	12	38795MD	374	Farmingdale	**24.55**
413	11/24/2020	12:40	Bove	7	38794MD	375	Farmingdale	**26.57**
414	11/24/2020	13:00	Bove	193	29381MN	376	Farmingdale	**23.80**

Table 4. Soil Export Truck Log
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

#	Date Loaded	Time	Transporter	Truck #	Plate	Manifest #	Facility	Tonnage
415	1/11/2021	7:00	TEV	1	AR236E	377	Holtsville	**30.61**
416	1/11/2021	7:15	TEV	7	AT942T	378	Holtsville	**29.72**
417	1/11/2021	7:30	TEV	30	AT145G	379	Holtsville	**33.70**
418	1/11/2021	7:45	TEV	9	AM714Y	380	Holtsville	**33.18**
419	1/11/2021	7:55	CV	99	AU291E	381	Holtsville	**34.38**
420	1/11/2021	8:05	TEV	12	AR238E	382	Holtsville	**26.54**
421	1/11/2021	8:15	TEV	11	AR495G	383	Holtsville	**26.87**
422	1/11/2021	8:25	TEV	32	AT147G	384	Holtsville	**27.99**
423	1/11/2021	8:45	TEV	15	AT492N	385	Holtsville	**24.84**
424	1/11/2021	9:00	TEV	13	AR491G	386	Holtsville	**29.59**
425	1/13/2021	7:16	CV	99	AU291E	387	Holtsville	**30.93**
426	1/13/2021	7:26	CV	44	AU292E	388	Holtsville	**31.92**
427	1/13/2021	7:57	TEV	31	AT146G	389	Holtsville	**28.75**
428	1/13/2021	8:35	TEV	5	AR239E	390	Holtsville	**29.72**
429	1/13/2021	8:45	TEV	7	AT942T	391	Holtsville	**30.13**
430	1/18/2021	7:28	TEV	7	AT942T	392	Holtsville	**32.14**
431	1/18/2021	7:36	TEV	5	AR239E	393	Holtsville	**30.93**
432	1/18/2021	9:44	TEV	1	AR236E	394	Holtsville	**30.42**
433	1/18/2021	10:10	TEV	7	AT492T	395	Holtsville	**32.33**
434	1/18/2021	10:20	TEV	5	AR239E	396	Holtsville	**31.20**
435	1/27/2021	7:15	TEV	11	AR493G	397	Holtsville	**27.28**
436	1/27/2021	7:24	TEV	8	AR239E	398	Holtsville	**28.50**
437	1/27/2021	7:36	TEV	13	AR491G	399	Holtsville	**31.14**
438	1/27/2021	10:30	TEV	8	AR239E	400	Holtsville	**28.69**
439	1/27/2021	10:35	TEV	11	AR493G	401	Holtsville	**28.43**
440	1/27/2021	10:45	TEV	13	AR491G	402	Holtsville	**33.18**
441	1/28/2021	7:55	V&M	2	AW307D	403	Holtsville	**31.81**
442	1/28/2021	8:04	V&M	1	AU768B	404	Holtsville	**26.06**
443	1/28/2021	10:50	H&M	77	AW293F	405	Holtsville	**26.98**
444	1/28/2021	11:05	V&M	2	AW307D	406	Holtsville	**31.96**
445	1/28/2021	11:15	V&M	1	AU768B	407	Holtsville	**26.74**
446	1/28/2021	12:08	H&M	76	AW943A	408	Holtsville	**25.70**
447	1/28/2021	12:37	W&R	1	AW689C	409	Holtsville	**26.21**
448	1/28/2021	12:48	W&R	2	AW758S	410	Holtsville	**24.90**
449	1/28/2021	13:45	H&M	77	AW293F	411	Holtsville	**29.99**
450	1/29/2021	7:35	Valiant	283	AW640M	412	Holtsville	**26.36**
451	1/29/2021	7:58	Valiant	273	AU507Z	413	Holtsville	**30.13**
452	1/29/2021	12:30	Valiant	273	AU507Z	414	Holtsville	**27.14**
453	1/29/2021	12:40	Valiant	283	AW640M	415	Holtsville	**31.65**
							Holtsville Total	**7,456.74**
							Farmingdale Total	**5,471.17**
							Project Total	**12,927.91**

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	SW-1		SW-2		SW-3		DUP20201113		SW-4		SW-5		SW-6	
			Sample Date	12/4/2020		11/13/2020		11/13/2020		11/13/2020		12/4/2020		12/4/2020		12/10/2020	
			Parent Sample							SW-3							
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**														
Volatile Organic Compounds	mg/Kg																
1,1,1-Trichloroethane		71-55-6	0.68	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,1,2-Trichloroethane		79-00-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,1-Dichloroethane		75-34-3	0.27	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,1-Dichloroethene		75-35-4	0.33	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichlorobenzene		95-50-1	1.1	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichloroethane		107-06-2	0.02	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,2-Dichloropropane		78-87-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,3-Dichlorobenzene		541-73-1	2.4	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,4-Dichlorobenzene		106-46-7	1.8	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
1,4-Dioxane		123-91-1	0.1	0.022	U	0.022	U	0.024	U	0.023	U	0.022	U	0.022	U	0.022	U
2-Butanone (MEK)		78-93-3	0.12	0.0056	U	0.0054	U	0.0061	U	0.0057	U	0.0054	U	0.0055	U	0.0056	U
2-Hexanone		591-78-6	NE	0.0056	U	0.0054	U	0.0061	U	0.0057	U	0.0054	U	0.0055	U	0.0056	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0056	U	0.0054	U	0.0061	U	0.0057	U	0.0054	U	0.0055	U	0.0056	U
Acetone		67-64-1	0.05	0.0067	U	0.0065	U	0.0073	U	0.0069	U	0.0065	U	0.0066	U	0.0067	U
Benzene		71-43-2	0.06	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Bromoform		75-25-2	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Bromomethane		74-83-9	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Carbon disulfide		75-15-0	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Carbon tetrachloride		56-23-5	0.76	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chlorobenzene		108-90-7	1.1	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chlorobromomethane		74-97-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chlorodibromomethane		124-48-1	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chloroethane		75-00-3	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chloroform		67-66-3	0.37	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Chloromethane		74-87-3	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Cyclohexane		110-82-7	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Dichlorobromomethane		75-27-4	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Dichlorodifluoromethane		75-71-8	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Ethylbenzene		100-41-4	1	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Ethylene Dibromide		106-93-4	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Isopropylbenzene		98-82-8	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Methyl acetate		79-20-9	NE	0.0056	U	0.0054	U	0.0061	U	0.0057	U	0.0054	U	0.0055	U	0.0056	U
Methyl tert-butyl ether		1634-04-4	0.93	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Methylcyclohexane		108-87-2	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Methylene Chloride		75-09-2	0.05	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
m-Xylene & p-Xylene		179601-23-1	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
o-Xylene		95-47-6	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Styrene		100-42-5	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Tetrachloroethene		127-18-4	1.3	0.0011	U	0.0011	U	**0.0035**		**0.0044**		**0.0017**		0.0011	U	**0.00044**	**J**
Toluene		108-88-3	0.7	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Trichloroethene		79-01-6	0.47	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Trichlorofluoromethane		75-69-4	NE	0.0011	U *	0.0011	U	0.0012	U	0.0011	U	0.0011	U *	0.0011	U *	0.0011	U
Vinyl chloride		75-01-4	0.02	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.0011	U
Total VOCs		NE	NE	0.0		0.0		**0.0035**		**0.0044**		**0.0017**		0.0		**0.00044**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Sample Name				SW-7		SW-8		SW-9		SW-10		SW-X		SW-11		SW-12	
Sample Date				1/11/2021		1/28/2021		2/11/2021		1/11/2021		1/11/2021		12/10/2020		12/4/2020	
Parent Sample												SW-10					
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**														
Volatile Organic Compounds	mg/Kg																
1,1,1-Trichloroethane		71-55-6	0.68	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,1,2-Trichloroethane		79-00-5	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,1-Dichloroethane		75-34-3	0.27	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,1-Dichloroethene		75-35-4	0.33	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2-Dichlorobenzene		95-50-1	1.1	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2-Dichloroethane		107-06-2	0.02	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,2-Dichloropropane		78-87-5	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,3-Dichlorobenzene		541-73-1	2.4	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,4-Dichlorobenzene		106-46-7	1.8	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
1,4-Dioxane		123-91-1	0.1	0.026	U	0.019	U	0.019	U	0.031	U	0.036	U	0.024	U	0.020	U *
2-Butanone (MEK)		78-93-3	0.12	0.0066	U	0.0047	U	0.0048	U	0.0077	U	0.0090	U	0.0059	U	0.0051	U
2-Hexanone		591-78-6	NE	0.0066	U	0.0047	U	0.0048	U	0.0077	U	0.0090	U	0.0059	U	0.0051	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0066	U	0.0047	U	0.0048	U	0.0077	U	0.0090	U	0.0059	U	0.0051	U
Acetone		67-64-1	0.05	0.0079	U	**0.021**		**0.025**		0.0093	U	0.011	U	0.0071	U	0.0061	U
Benzene		71-43-2	0.06	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Bromoform		75-25-2	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Bromomethane		74-83-9	NE	0.0026	U	0.0019	U *	0.0019	U	0.0031	U	0.0036	U	0.0012	U	0.0010	U
Carbon disulfide		75-15-0	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Carbon tetrachloride		56-23-5	0.76	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chlorobenzene		108-90-7	1.1	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chlorobromomethane		74-97-5	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chlorodibromomethane		124-48-1	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chloroethane		75-00-3	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chloroform		67-66-3	0.37	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Chloromethane		74-87-3	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Cyclohexane		110-82-7	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Dichlorobromomethane		75-27-4	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Dichlorodifluoromethane		75-71-8	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Ethylbenzene		100-41-4	1	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Ethylene Dibromide		106-93-4	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Isopropylbenzene		98-82-8	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Methyl acetate		79-20-9	NE	0.0066	U	0.0047	U	0.0048	U	0.0077	U	0.0090	U	0.0059	U	0.0051	U
Methyl tert-butyl ether		1634-04-4	0.93	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Methylcyclohexane		108-87-2	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U *
Methylene Chloride		75-09-2	0.05	0.0026	U	0.0019	U	0.0019	U	0.0031	U	0.0036	U	0.0012	U	0.0010	U
m-Xylene & p-Xylene		179601-23-1	NE	0.0013	U	**0.00028**	**J B**	0.00095	U	0.0015	U	0.0018	U	0.0012	U	**0.00019**	**J**
o-Xylene		95-47-6	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Styrene		100-42-5	NE	0.0013	U	0.00095	U	**0.00030**	**J**	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Tetrachloroethene		127-18-4	1.3	0.0013	U	**0.0005**	**J**	**0.0011**		0.0015	U	0.0018	U	**0.00077**	**J**	**0.00048**	**J ***
Toluene		108-88-3	0.7	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Trichloroethene		79-01-6	0.47	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Trichlorofluoromethane		75-69-4	NE	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Vinyl chloride		75-01-4	0.02	0.0013	U	0.00095	U	0.00095	U	0.0015	U	0.0018	U	0.0012	U	0.0010	U
Total VOCs		NE	NE	0.0		**0.02178**		**0.0264**		0.0		0.0		**0.00077**		**0.00067**	
Total Estimated TICs		NE	NE	0.0*T		**0.0058**		**0.0058**		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the St
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimate
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Sample Name				SW-13		SW-14		SW-15		SW-16		SW-17		EP-1		EP-2	
Sample Date				12/30/2020		12/30/2020		12/30/2020		12/30/2020		12/30/2020		12/28/2020		12/28/2020	
Parent Sample																	
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**														
Volatile Organic Compounds	mg/Kg																
1,1,1-Trichloroethane		71-55-6	0.68	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U *	0.0012	U *
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,1,2-Trichloroethane		79-00-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethane		75-34-3	0.27	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethene		75-35-4	0.33	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene		95-50-1	1.1	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichloroethane		107-06-2	0.02	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichloropropane		78-87-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,3-Dichlorobenzene		541-73-1	2.4	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,4-Dichlorobenzene		106-46-7	1.8	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
1,4-Dioxane		123-91-1	0.1	0.022	U	0.020	U	0.020	U	0.019	U	0.023	U	0.022	U	0.023	U
2-Butanone (MEK)		78-93-3	0.12	0.0055	U	0.0050	U	0.0049	U	0.0048	U	0.0056	U	0.0054	U	0.0058	U
2-Hexanone		591-78-6	NE	0.0055	U	0.0050	U	0.0049	U	0.0048	U	0.0056	U	0.0054	U	0.0058	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0055	U	0.0050	U	0.0049	U	0.0048	U	0.0056	U	0.0054	U	0.0058	U
Acetone		67-64-1	0.05	0.0066	U	0.0061	U	0.0059	U	0.0057	U	0.0068	U	0.0065	U	0.0069	U
Benzene		71-43-2	0.06	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Bromoform		75-25-2	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Bromomethane		74-83-9	NE	0.0022	U	0.0020	U	0.0020	U	0.0019	U	0.0023	U	0.0022	U	0.0023	U
Carbon disulfide		75-15-0	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U *	0.0012	U *
Carbon tetrachloride		56-23-5	0.76	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chlorobenzene		108-90-7	1.1	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chlorobromomethane		74-97-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chlorodibromomethane		124-48-1	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chloroethane		75-00-3	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chloroform		67-66-3	0.37	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Chloromethane		74-87-3	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Cyclohexane		110-82-7	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Dichlorobromomethane		75-27-4	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Dichlorodifluoromethane		75-71-8	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Ethylbenzene		100-41-4	1	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Ethylene Dibromide		106-93-4	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Isopropylbenzene		98-82-8	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Methyl acetate		79-20-9	NE	0.0055	U	0.0050	U	0.0049	U	0.0048	U	0.0056	U	0.0054	U *	0.0058	U *
Methyl tert-butyl ether		1634-04-4	0.93	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Methylcyclohexane		108-87-2	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Methylene Chloride		75-09-2	0.05	0.0022	U	0.0020	U	0.0020	U	0.0019	U	0.0023	U	0.0022	U	0.0023	U
m-Xylene & p-Xylene		179601-23-1	NE	0.0011	U	**0.00069**	**J**	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
o-Xylene		95-47-6	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Styrene		100-42-5	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Tetrachloroethene		127-18-4	1.3	**0.00078**	**J**	**0.0020**		**0.0015**		**0.0034**		**0.0033**		0.0011	U	**0.00086**	**J**
Toluene		108-88-3	0.7	0.0011	U	**0.00043**	**J**	0.00098	U	0.00095	U	0.0011	U	0.0011	U	**0.00059**	**J**
trans-1,2-Dichloroethene		156-60-5	0.19	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Trichloroethene		79-01-6	0.47	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Trichlorofluoromethane		75-69-4	NE	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Vinyl chloride		75-01-4	0.02	0.0011	U	0.0010	U	0.00098	U	0.00095	U	0.0011	U	0.0011	U	0.0012	U
Total VOCs		NE	NE	**0.00078**		**0.00312**		**0.0015**		**0.0034**		**0.0033**		0.0		**0.00145**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		**0.0059**		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the St
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimate
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	EP-3		EP-4		EP-5		EP-6		EP-7		EP-8		EP-9	
			Sample Date	2/11/2021		2/11/2021		12/28/2020		12/30/2020		12/28/2020		2/11/2021		2/11/2021	
			Parent Sample														
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**														
Volatile Organic Compounds	mg/Kg																
1,1,1-Trichloroethane		71-55-6	0.68	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.00096	U	0.00094	U	0.0010	U *	0.0012	U	0.0010	U *	0.0012	U	0.0011	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,1,2-Trichloroethane		79-00-5	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,1-Dichloroethane		75-34-3	0.27	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,1-Dichloroethene		75-35-4	0.33	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2,3-Trichlorobenzene		87-61-6	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2,4-Trichlorobenzene		120-82-1	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2-Dichlorobenzene		95-50-1	1.1	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2-Dichloroethane		107-06-2	0.02	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,2-Dichloropropane		78-87-5	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,3-Dichlorobenzene		541-73-1	2.4	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,4-Dichlorobenzene		106-46-7	1.8	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
1,4-Dioxane		123-91-1	0.1	0.019	U	0.019	U	0.021	U	0.023	U	0.021	U	0.023	U	0.022	U
2-Butanone (MEK)		78-93-3	0.12	0.0048	U	0.0047	U	0.0051	U	0.0059	U	0.0051	U	0.0058	U	0.0055	U
2-Hexanone		591-78-6	NE	0.0048	U	0.0047	U	0.0051	U	0.0059	U	0.0051	U	0.0058	U	0.0055	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0048	U	0.0047	U	0.0051	U	0.0059	U	0.0051	U	0.0058	U	0.0055	U
Acetone		67-64-1	0.05	**0.016**		**0.016**		0.0062	U	**0.0090**		0.0062	U	**0.011**		**0.014**	
Benzene		71-43-2	0.06	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Bromoform		75-25-2	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Bromomethane		74-83-9	NE	0.0019	U	0.0019	U	0.0021	U	0.0023	U	0.0021	U	0.0023	U	0.0022	U
Carbon disulfide		75-15-0	NE	0.00096	U	0.00094	U	0.0010	U *	0.0012	U	0.0010	U *	0.0012	U	0.0011	U
Carbon tetrachloride		56-23-5	0.76	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chlorobenzene		108-90-7	1.1	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chlorobromomethane		74-97-5	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chlorodibromomethane		124-48-1	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chloroethane		75-00-3	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chloroform		67-66-3	0.37	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Chloromethane		74-87-3	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
cis-1,2-Dichloroethene		156-59-2	0.25	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
cis-1,3-Dichloropropene		10061-01-5	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Cyclohexane		110-82-7	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Dichlorobromomethane		75-27-4	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Dichlorodifluoromethane		75-71-8	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Ethylbenzene		100-41-4	1	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Ethylene Dibromide		106-93-4	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Isopropylbenzene		98-82-8	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Methyl acetate		79-20-9	NE	0.0048	U	0.0047	U	0.0051	U *	0.0059	U	0.0051	U *	0.0058	U	0.0055	U
Methyl tert-butyl ether		1634-04-4	0.93	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Methylcyclohexane		108-87-2	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Methylene Chloride		75-09-2	0.05	0.0019	U	0.0019	U	0.0021	U	0.0023	U	0.0021	U	0.0023	U	0.0022	U
m-Xylene & p-Xylene		179601-23-1	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
o-Xylene		95-47-6	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Styrene		100-42-5	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Tetrachloroethene		127-18-4	1.3	**0.00081**	**J**	**0.0046**		0.0010	U	**0.0013**		**0.00089**	**J**	**0.00057**	**J**	**0.00038**	**J**
Toluene		108-88-3	0.7	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
trans-1,2-Dichloroethene		156-60-5	0.19	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
trans-1,3-Dichloropropene		10061-02-6	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Trichloroethene		79-01-6	0.47	0.00096	U	0.00030	J	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Trichlorofluoromethane		75-69-4	NE	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Vinyl chloride		75-01-4	0.02	0.00096	U	0.00094	U	0.0010	U	0.0012	U	0.0010	U	0.0012	U	0.0011	U
Total VOCs		NE	NE	**0.01681**		**0.0209**		0.0		**0.0103**		**0.00089**		**0.01157**		**0.01438**	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the St
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
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Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimate
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Sample Name				EP-10		EP-11		EP-12		EP-13		EP-14		EP-15		EP-16		EP
Sample Date				12/30/2020		12/28/2020		2/11/2021		2/11/2021		12/28/2020		12/28/2020		12/28/2020		2/11/
Parent Sample																		
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**															
Volatile Organic Compounds	mg/Kg																	
1,1,1-Trichloroethane		71-55-6	0.68	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,1,2,2-Tetrachloroethane		79-34-5	NE	0.00098	U	0.0011	U *	0.00098	U	0.0010	U	0.0011	U *	0.00097	U *	0.0011	U *	0.0011
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,1,2-Trichloroethane		79-00-5	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,1-Dichloroethane		75-34-3	0.27	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,1-Dichloroethene		75-35-4	0.33	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2,3-Trichlorobenzene		87-61-6	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2,4-Trichlorobenzene		120-82-1	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2-Dibromo-3-Chloropropane		96-12-8	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2-Dichlorobenzene		95-50-1	1.1	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2-Dichloroethane		107-06-2	0.02	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,2-Dichloropropane		78-87-5	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,3-Dichlorobenzene		541-73-1	2.4	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,4-Dichlorobenzene		106-46-7	1.8	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
1,4-Dioxane		123-91-1	0.1	0.020	U	0.021	U	0.020	U	0.021	U	0.021	U	0.019	U	0.023	U	0.023
2-Butanone (MEK)		78-93-3	0.12	0.0049	U	0.0053	U	0.0049	U	0.0052	U	0.0053	U	**0.0033**	**J**	0.0057	U	0.0056
2-Hexanone		591-78-6	NE	0.0049	U	0.0053	U	0.0049	U	0.0052	U	0.0053	U	0.0049	U	0.0057	U	0.0056
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	0.0049	U	0.0053	U	0.0049	U	0.0052	U	0.0053	U	0.0049	U	0.0057	U	0.0056
Acetone		67-64-1	0.05	**0.020**		0.0063	U	**0.018**		**0.023**		**0.014**		**0.026**		0.0069	U	**0.024**
Benzene		71-43-2	0.06	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Bromoform		75-25-2	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Bromomethane		74-83-9	NE	0.0020	U	0.0021	U	0.0020	U	0.0021	U	0.0021	U	0.0019	U	0.0023	U	0.0023
Carbon disulfide		75-15-0	NE	0.00098	U	0.0011	U *	0.00098	U	0.0010	U	0.0011	U *	0.00097	U *	0.0011	U *	0.0011
Carbon tetrachloride		56-23-5	0.76	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chlorobenzene		108-90-7	1.1	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chlorobromomethane		74-97-5	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chlorodibromomethane		124-48-1	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chloroethane		75-00-3	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chloroform		67-66-3	0.37	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Chloromethane		74-87-3	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
cis-1,2-Dichloroethene		156-59-2	0.25	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
cis-1,3-Dichloropropene		10061-01-5	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Cyclohexane		110-82-7	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Dichlorobromomethane		75-27-4	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Dichlorodifluoromethane		75-71-8	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Ethylbenzene		100-41-4	1	0.00098	U	0.0011	U	**0.00022**	**J**	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Ethylene Dibromide		106-93-4	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Isopropylbenzene		98-82-8	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Methyl acetate		79-20-9	NE	0.0049	U	0.0053	U *	0.0049	U	0.0052	U	0.0053	U *	0.0049	U *	0.0057	U *	0.0056
Methyl tert-butyl ether		1634-04-4	0.93	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Methylcyclohexane		108-87-2	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Methylene Chloride		75-09-2	0.05	0.0020	U	0.0021	U	0.0020	U	0.0021	U	0.0021	U	0.0019	U	0.0023	U	0.0023
m-Xylene & p-Xylene		179601-23-1	NE	0.00098	U	0.0011	U	**0.00069**	**J**	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
o-Xylene		95-47-6	NE	0.00098	U	0.0011	U	**0.00036**	**J**	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Styrene		100-42-5	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Tetrachloroethene		127-18-4	1.3	**0.0025**		**0.0010**	**J**	**0.00073**	**J**	0.0010	U	**0.0037**		**0.0020**		**0.0011**		**0.00047**
Toluene		108-88-3	0.7	0.00098	U	0.0011	U	**0.00071**	**J**	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
trans-1,2-Dichloroethene		156-60-5	0.19	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
trans-1,3-Dichloropropene		10061-02-6	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Trichloroethene		79-01-6	0.47	0.00098	U	0.0011	U	0.00098	U	0.0010	U	**0.00035**	**J**	0.00097	U	0.0011	U	0.0011
Trichlorofluoromethane		75-69-4	NE	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Vinyl chloride		75-01-4	0.02	0.00098	U	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.00097	U	0.0011	U	0.0011
Total VOCs		NE	NE	**0.0225**		**0.001**		**0.02071**		**0.023**		**0.01805**		**0.0313**		**0.0011**		**0.02447**
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T		0.0*T

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the St
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO

Qualifiers:

J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimate
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 5. Confirmation End-Point Soil Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	-17	EP-18	
			Sample Date	2021	2/11/2021	
			Parent Sample			
Analyte	**Units**	**CAS No.**	**NY_6 NYCRR 375 SCO UNRESTRICTED USE**			
Volatile Organic Compounds	mg/Kg					
1,1,1-Trichloroethane		71-55-6	0.68	U	0.0010	U
1,1,2,2-Tetrachloroethane		79-34-5	NE	U	0.0010	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	NE	U	0.0010	U
1,1,2-Trichloroethane		79-00-5	NE	U	0.0010	U
1,1-Dichloroethane		75-34-3	0.27	U	0.0010	U
1,1-Dichloroethene		75-35-4	0.33	U	0.0010	U
1,2,3-Trichlorobenzene		87-61-6	NE	U	0.0010	U
1,2,4-Trichlorobenzene		120-82-1	NE	U	0.0010	U
1,2-Dibromo-3-Chloropropane		96-12-8	NE	U	0.0010	U
1,2-Dichlorobenzene		95-50-1	1.1	U	0.0010	U
1,2-Dichloroethane		107-06-2	0.02	U	0.0010	U
1,2-Dichloropropane		78-87-5	NE	U	0.0010	U
1,3-Dichlorobenzene		541-73-1	2.4	U	0.0010	U
1,4-Dichlorobenzene		106-46-7	1.8	U	0.0010	U
1,4-Dioxane		123-91-1	0.1	U	0.020	U
2-Butanone (MEK)		78-93-3	0.12	U	0.0051	U
2-Hexanone		591-78-6	NE	U	0.0051	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	U	0.0051	U
Acetone		67-64-1	0.05		**0.024**	
Benzene		71-43-2	0.06	U	0.0010	U
Bromoform		75-25-2	NE	U	0.0010	U
Bromomethane		74-83-9	NE	U	0.0020	U
Carbon disulfide		75-15-0	NE	U	0.0010	U
Carbon tetrachloride		56-23-5	0.76	U	0.0010	U
Chlorobenzene		108-90-7	1.1	U	0.0010	U
Chlorobromomethane		74-97-5	NE	U	0.0010	U
Chlorodibromomethane		124-48-1	NE	U	0.0010	U
Chloroethane		75-00-3	NE	U	0.0010	U
Chloroform		67-66-3	0.37	U	0.0010	U
Chloromethane		74-87-3	NE	U	0.0010	U
cis-1,2-Dichloroethene		156-59-2	0.25	U	0.0010	U
cis-1,3-Dichloropropene		10061-01-5	NE	U	0.0010	U
Cyclohexane		110-82-7	NE	U	0.0010	U
Dichlorobromomethane		75-27-4	NE	U	0.0010	U
Dichlorodifluoromethane		75-71-8	NE	U	0.0010	U
Ethylbenzene		100-41-4	1	U	0.0010	U
Ethylene Dibromide		106-93-4	NE	U	0.0010	U
Isopropylbenzene		98-82-8	NE	U	0.0010	U
Methyl acetate		79-20-9	NE	U	0.0051	U
Methyl tert-butyl ether		1634-04-4	0.93	U	0.0010	U
Methylcyclohexane		108-87-2	NE	U	0.0010	U
Methylene Chloride		75-09-2	0.05	U	0.0020	U
m-Xylene & p-Xylene		179601-23-1	NE	U	0.0010	U
o-Xylene		95-47-6	NE	U	0.0010	U
Styrene		100-42-5	NE	U	0.0010	U
Tetrachloroethene		127-18-4	1.3	**J**	**0.00057**	**J**
Toluene		108-88-3	0.7	U	0.0010	U
trans-1,2-Dichloroethene		156-60-5	0.19	U	0.0010	U
trans-1,3-Dichloropropene		10061-02-6	NE	U	0.0010	U
Trichloroethene		79-01-6	0.47	U	0.0010	U
Trichlorofluoromethane		75-69-4	NE	U	0.0010	U
Vinyl chloride		75-01-4	0.02	U	0.0010	U
Total VOCs		NE	NE		**0.02457**	
Total Estimated TICs		NE	NE		0.0*T	

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)
TICs = Tentatively Identified Compounds
6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the Sta
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil (
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* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.
*T = There are no TICs reported for the sample.

Table 6. Groundwater Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	MW-P1		MW-P2		MW-P3		DUP20201209		MW-P4	
			Sample Date	12/15/2020		12/15/2020		12/9/2020		12/9/2020		12/9/2020	
			Parent Sample							MW-P3			
Analyte	**Units**	**CAS No.**	**NYS AWQS**										
Volatile Organic Compounds	ug/L												
1,1,1-Trichloroethane		71-55-6	5	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane		79-34-5	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane		79-00-5	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane		75-34-3	5	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene		75-35-4	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene		87-61-6	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene		120-82-1	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane		96-12-8	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene		95-50-1	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		107-06-2	0.6	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane		78-87-5	1	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene		541-73-1	3	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene		106-46-7	3	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		123-91-1	NE	50	U	50	U	50	U	50	U	50	U
2-Butanone (MEK)		78-93-3	50	5	U	5	U	5	U	5	U	5	U
2-Hexanone		591-78-6	50	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	5	U	5	U	5	U	5	U	5	U
Acetone		67-64-1	50	5	U	5	U	5	U	5	U	5	U
Benzene		71-43-2	1	1	U	1	U	1	U	1	U	1	U
Bromoform		75-25-2	50	1	U	1	U	1	U	1	U	1	U
Bromomethane		74-83-9	5	1	U	1	U	1	U	1	U	1	U
Carbon disulfide		75-15-0	NE	1	U	1	U	1	U	1	U	1	U
Carbon tetrachloride		56-23-5	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene		108-90-7	5	1	U	1	U	1	U	1	U	1	U
Chlorobromomethane		74-97-5	5	1	U	1	U	1	U	1	U	1	U
Chlorodibromomethane		124-48-1	50	1	U	1	U	1	U	1	U	1	U
Chloroethane		75-00-3	5	1	U	1	U	1	U	1	U	1	U
Chloroform		67-66-3	7	**2.2**		1	U	**0.83**	**J**	**0.81**	**J**	**3.8**	
Chloromethane		74-87-3	5	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene		156-59-2	5	**1.3**		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene		10061-01-5	NE	1	U	1	U	1	U	1	U	1	U
Cyclohexane		110-82-7	NE	1	U	1	U	1	U	1	U	1	U
Dichlorobromomethane		75-27-4	50	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane		75-71-8	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene		100-41-4	5	1	U	1	U	1	U	1	U	1	U
Ethylene Dibromide		106-93-4	0.0006	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene		98-82-8	5	1	U	1	U	1	U	1	U	1	U
Methyl acetate		79-20-9	NE	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether		1634-04-4	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylcyclohexane		108-87-2	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene Chloride		75-09-2	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m-Xylene & p-Xylene		179601-23-1	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene		95-47-6	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene		100-42-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene		127-18-4	5	**220**		**32**		**110**		**110**		**21**	
Toluene		108-88-3	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene		156-60-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene		10061-02-6	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene		79-01-6	5	**2.4**		1.0	U	**1.5**		**1.5**		0.34	J
Trichlorofluoromethane		75-69-4	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride		75-01-4	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Total VOCs				**225.9**		**32.0**		**112.33**		**112.31**		**25.14**	
Total Estimated TICs				0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	

Table 6. Groundwater Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	MW-P1		MW-P2		MW-P3		DUP20201209		MW-P4	
			Sample Date	12/15/2020		12/15/2020		12/9/2020		12/9/2020		12/9/2020	
			Parent Sample							MW-P3			
Analyte	Units	CAS No.	NYS AWQS										
Semi-Volatile Organic Compounds	ug/L												
1,1'-Biphenyl		92-52-4	5	10	U	10	U	10	U	10	U	10	U
1,2,4,5-Tetrachlorobenzene		95-94-3	5	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis[1-chloropropane]		108-60-1	5	10	U	10	U	10	U	10	U	10	U
2,3,4,6-Tetrachlorophenol		58-90-2	NE	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol		95-95-4	NE	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol		88-06-2	NE	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol		120-83-2	5	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol		105-67-9	50	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol		51-28-5	10	30	U	30	U	30	U	30	U	30	U
2,4-Dinitrotoluene		121-14-2	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2,6-Dinitrotoluene		606-20-2	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2-Chloronaphthalene		91-58-7	10	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol		95-57-8	NE	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene		91-57-6	NE	10	U	10	U	10	U	10	U	10	U
2-Methylphenol		95-48-7	NE	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline		88-74-4	5	20	U	20	U	20	U	20	U	20	U
2-Nitrophenol		88-75-5	NE	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine		91-94-1	5	20	U	20	U	20	U	20	U	20	U
3-Nitroaniline		99-09-2	5	20	U	20	U	20	U	20	U	20	U
4,6-Dinitro-2-methylphenol		534-52-1	NE	30	U	30	U	30	U	30	U	30	U
4-Bromophenyl phenyl ether		101-55-3	NE	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol		59-50-7	NE	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline		106-47-8	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Chlorophenyl phenyl ether		7005-72-3	NE	10	U	10	U	10	U	10	U	10	U
4-Methylphenol		106-44-5	NE	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline		100-01-6	5	20	U	20	U	20	U	20	U	20	U
4-Nitrophenol		100-02-7	NE	30	U	30	U	30	U	30	U	30	U
Acenaphthene		83-32-9	20	10	U	10	U	10	U	10	U	10	U
Acenaphthylene		208-96-8	NE	10	U	10	U	10	U	10	U	10	U
Acetophenone		98-86-2	NE	10	U	10	U	10	U	10	U	10	U
Anthracene		120-12-7	50	10	U	10	U	10	U	10	U	10	U
Atrazine		1912-24-9	7.5	10	U *	10	U *	10	U *	10	U *	10	U *
Benzaldehyde		100-52-7	NE	10	U *	10	U *	10	U *	10	U *	10	U *
Benzo[a]anthracene		56-55-3	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzo[a]pyrene		50-32-8	ND	1.0	U *	1.0	U *	1.0	U *	1.0	U *	1.0	U *
Benzo[b]fluoranthene		205-99-2	0.002	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzo[g,h,i]perylene		191-24-2	NE	10	U	10	U	10	U	10	U	10	U
Benzo[k]fluoranthene		207-08-9	0.002	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-chloroethoxy)methane		111-91-1	5	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether		111-44-4	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bis(2-ethylhexyl) phthalate		117-81-7	5	10	U	10	U	10	U	10	U	10	U
Butyl benzyl phthalate		85-68-7	50	10	U	10	U	10	U	10	U	10	U
Caprolactam		105-60-2	NE	10	U	10	U	10	U *	10	U *	10	U *
Carbazole		86-74-8	NE	10	U	10	U	10	U	10	U	10	U
Chrysene		218-01-9	0.002	10	U	10	U	10	U	10	U	10	U
Dibenz(a,h)anthracene		53-70-3	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibenzofuran		132-64-9	NE	10	U	10	U	10	U	10	U	10	U
Diethyl phthalate		84-66-2	50	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate		131-11-3	50	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate		84-74-2	50	10	U	10	U	10	U	10	U	10	U
Di-n-octyl phthalate		117-84-0	50	10	U	10	U	10	U	10	U	10	U
Fluoranthene		206-44-0	50	10	U	10	U	10	U	10	U	10	U
Fluorene		86-73-7	50	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene		118-74-1	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene		87-68-3	0.5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Hexachlorocyclopentadiene		77-47-4	5	10	U	10	U	10	U	10	U	10	U
Hexachloroethane		67-72-1	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Indeno[1,2,3-cd]pyrene		193-39-5	0.002	2.0	U *	2.0	U	2.0	U	2.0	U	2.0	U
Isophorone		78-59-1	50	10	U	10	U	10	U	10	U	10	U
Naphthalene		91-20-3	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Nitrobenzene		98-95-3	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodi-n-propylamine		621-64-7	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
N-Nitrosodiphenylamine		86-30-6	50	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol		87-86-5	1	30	U	30	U	30	U	30	U	30	U
Phenanthrene		85-01-8	50	10	U	10	U	10	U	10	U	10	U
Phenol		108-95-2	1	10	U	10	U	10	U	10	U	10	U
Pyrene		129-00-0	50	10	U	10	U	10	U	10	U	10	U
Total SVOCs		NE	NE	0.0		0.0		0.0		0.0		0.0	
Total Estimated TICs		NE	NE	0.0*T		0.0*T		0.0*T		0.0*T		0.0*T	
Semi-Volatile Organic Compounds (SIM method)	ug/L												
1,4-Dioxane		123-91-1	0.35	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

Table 6. Groundwater Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	MW-P1		MW-P2		MW-P3		DUP20201209		MW-P4	
			Sample Date	12/15/2020		12/15/2020		12/9/2020		12/9/2020		12/9/2020	
			Parent Sample							MW-P3			
Analyte	**Units**	**CAS No.**	**NYS AWQS**										
Metals, Total	ug/L												
Aluminum		7429-90-5		**12800**		**4180**		**52.6**		**65.5**		**68.3**	
Aluminum, Dissolved				40.0	U	40.0	U	NA		NA		NA	
Antimony		7440-36-0	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Antimony, Dissolved			3	2.0	U	2.0	U	NA		NA		NA	
Arsenic		7440-38-2	25	**1.8**	**J**	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic, Dissolved			25	2.0	U	2.0	U	NA		NA		NA	
Barium		7440-39-3	1000	**313**		**172**		**94.9**		**101**		**87.8**	
Barium, Dissolved			1000	**209**		**135**		NA		NA		NA	
Beryllium		7440-41-7		**0.67**	**J**	**0.17**	**J**	0.80	U	0.80	U	0.80	U
Beryllium, Dissolved				0.80	U	0.80	U	NA		NA		NA	
Cadmium		7440-43-9	5	**0.22**	**J**	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium, Dissolved			5	2.0	U	2.0	U	NA		NA		NA	
Calcium		7440-70-2		**163000**		**125000**		**97500**		**103000**		**75900**	
Calcium, Dissolved				**156000**		**126000**		NA		NA		NA	
Chromium		7440-47-3	50	**32.4**		**26.6**		**6.8**		**7.0**		**8.2**	
Chromium, Dissolved			50	**3.9**	**J**	**11.0**		NA		NA		NA	
Cobalt		7440-48-4		**19.0**		**3.8**	**J**	**0.98**	**J**	**0.98**	**J**	**1.7**	**J**
Cobalt, Dissolved				**1.0**	**J**	4.0	U	NA		NA		NA	
Copper		7440-50-8	200	**49.4**		**12.2**		4.0	U	4.0	U	**2.5**	**J**
Copper, Dissolved			200	4.0	U	4.0	U	NA		NA		NA	
Iron		7439-89-6	300	**24400**		**5780**		**129**		**144**		**85.4**	**J**
Iron, Dissolved			300	120	U	120	U	NA		NA		NA	
Lead		7439-92-1	25	**13.4**		**2.8**		1.2	U	1.2	U	1.2	U
Lead, Dissolved			25	**0.88**	**B**	**0.74**	**B**	NA		NA		NA	
Magnesium		7439-95-4		**71400**		**45700**		**33800**		**34900**		**27200**	
Magnesium, Dissolved				**66300**		**45800**		NA		NA		NA	
Manganese		7439-96-5	300	**585**		**194**		**36.8**		**37.3**		**5.2**	**J**
Manganese, Dissolved			300	**120**		**32.7**		NA		NA		NA	
Nickel		7440-02-0	100	**35.9**		**9.9**		**0.96**	**J**	**1.1**	**J**	**0.88**	**J**
Nickel, Dissolved			100	**1.8**	**J**	**0.46**	**J**	NA		NA		NA	
Potassium		7440-09-7		**12500**		**7460**		**3380**		**3550**		**3780**	
Potassium, Dissolved				**10700**		**7070**		NA		NA		NA	
Selenium		7782-49-2	10	**2.3**	**J**	**6.6**		**2.5**		**2.7**		**3.7**	
Selenium, Dissolved			10	**2.6**		**6.8**		NA		NA		NA	
Silver		7440-22-4	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Silver, Dissolved			50	2.0	U	2.0	U	NA		NA		NA	
Sodium		7440-23-5	20000	**286000**		**60700**		**119000**		**129000**		**126000**	
Sodium, Dissolved			20000	**346000**		**66000**		NA		NA		NA	
Thallium		7440-28-0		**0.27**	**J**	0.80	U	0.80	U	0.80	U	0.80	U
Thallium, Dissolved				**0.21**	**J**	0.80	U	NA		NA		NA	
Vanadium		7440-62-2		**31.6**		**9.1**		**1.2**	**J**	**1.2**	**J**	**1.2**	**J**
Vanadium, Dissolved				**0.81**	**J**	**1.3**	**J**	NA		NA		NA	
Zinc		7440-66-6		**91.7**		**18.5**		16.0	U	16.0	U	16.0	U
Zinc, Dissolved				16.0	U	16.0	U	NA		NA		NA	
Mercury	ug/L												
Mercury		7439-97-6	0.7	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Mercury, Dissolved		7439-97-6	0.7	0.20	U	0.20	U	NA		NA		NA	
Pesticides	ug/L												
4,4'-DDD		72-54-8	0.3	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDE		72-55-9	0.2	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
4,4'-DDT		50-29-3	0.2	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Aldrin		309-00-2	ND	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
alpha-BHC		319-84-6	0.01	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
beta-BHC		319-85-7	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Chlordane (technical)		12789-03-6	0.05	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
delta-BHC		319-86-8	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Dieldrin		60-57-1	0.004	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan I		959-98-8	NE	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan II		33213-65-9	NE	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endosulfan sulfate		1031-07-8	NE	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin		72-20-8	ND	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin aldehyde		7421-93-4	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Endrin ketone		53494-70-5	5	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
gamma-BHC (Lindane)		58-89-9	0.05	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor		76-44-8	0.04	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor epoxide		1024-57-3	0.03	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor		72-43-5	35	0.020	U *	0.020	U *	0.020	U	0.020	U	0.020	U
Toxaphene		8001-35-2	0.06	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Table 6. Groundwater Sample Analytical Results
Interim Remedial Measure Construction Completion Report
37-24 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

			Sample Name	MW-P1		MW-P2		MW-P3		DUP20201209		MW-P4	
			Sample Date	12/15/2020		12/15/2020		12/9/2020		12/9/2020		12/9/2020	
			Parent Sample							MW-P3			
Analyte	Units	CAS No.	NYS AWQS										
PCBs	ug/L												
Aroclor 1016		12674-11-2	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1221		11104-28-2	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1232		11141-16-5	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1242		53469-21-9	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1248		12672-29-6	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1254		11097-69-1	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1260		11096-82-5	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor 1268		11100-14-4	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Aroclor-1262		37324-23-5	NE	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Polychlorinated biphenyls, Total		1336-36-3	0.09	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Perfluoroundecanoic Acids EPA 537	ng/L												
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)		27619-97-2	NE	**3.09**	**J**	4.64	U	4.27	U	**0.67**	**J**	4.94	U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)		39108-34-4	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)		2991-50-6	NE	4.52	U	4.64	U	4.27	U	4.18	U	4.94	U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NE	4.52	U	4.64	U	4.27	U	4.18	U	4.94	U
Perfluorobutanesulfonic acid (PFBS)		375-73-5	NE	**8.52**		**4.67**		**10.9**		**11.5**		**9.54**	
Perfluorobutanoic acid (PFBA)		375-22-4	NE	**23.9**		**35.7**		**28.4**		**27.6**		**19.3**	
Perfluorodecanesulfonic acid (PFDS)		335-77-3	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluorodecanoic acid (PFDA)		335-76-2	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluorododecanoic acid (PFDoA)		307-55-1	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluoroheptanesulfonic Acid (PFHpS)		375-92-8	NE	**0.94**	**J**	1.86	U	1.71	U	1.67	U	**0.66**	**J**
Perfluoroheptanoic acid (PFHpA)		375-85-9	NE	**51.1**		**14.7**		**18.7**		**18.7**		**13.7**	
Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NE	**18**		**4.47**		**6.18**		**6.12**		**7.39**	
Perfluorohexanoic acid (PFHxA)		307-24-4	NE	**53.9**		**15.1**		**31.4**		**31.3**		**24.6**	
Perfluorononanoic acid (PFNA)		375-95-1	NE	**0.89**	**J**	1.86	U	1.71	U	1.67	U	**1.53**	**J**
Perfluorooctanesulfonamide (FOSA)		754-91-6	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NE	**9.28**		**2.89**		**3.64**		**3.51**		**15.1**	
Perfluorooctanoic acid (PFOA)		335-67-1	NE	**40.9**		**49.3**		**29.8**		**28.7**		**55.8**	
Perfluoropentanoic acid (PFPeA)		2706-90-3	NE	**75.2**		**19.8**		**41.5**		**41.4**		**24.6**	
Perfluorotetradecanoic acid (PFTeA)		376-06-7	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluorotridecanoic acid (PFTriA)		72629-94-8	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Perfluoroundecanoic acid (PFUnA)		2058-94-8	NE	1.81	U	1.86	U	1.71	U	1.67	U	1.98	U
Total PFOS + PFOA		N/A	NE	**50.18**		**52.19**		**33.44**		**32.21**		**70.9**	
Total PFAS		N/A	500	**285.72**		**146.63**		**170.52**		**169.5**		**172.22**	

Notes:
ng/L = nanogram per liter
µg/L = micrograms per liter or parts per billion (ppb)

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for
TICs = Tentatively Identified Compounds
CAS No. = Chemical Abstracts Service Number
NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the NYS AWQS it was compared to

Qualifiers:
J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting
* = Laboratory Control Sample is outside acceptance limits
B = Compound was found in the blank and sample.

Table 7. Qualitative Human Health Exposure Assessment Summary Table
Interim Remedial Measure Construction Completion Report
37-24 & 37-28 30th Street Redevelopment Site
NYSDEC BCP Site No. C241214

Qualitative Human Health Exposure Assessment Summary Table

Environmental Media & Exposure Route	Human Exposure Assessment
Direct contact with surface soils (and incidental ingestion)	• People are not coming into contact because all surface soils have been excavated and removed from the Site.
Direct contact with subsurface soils (and incidental ingestion)	• People can come into contact if they complete ground-intrusive work at the Site. Ground-intrusive work would include any work that penetrates the building slab(s) and vapor barrier(s), exposing the remaining subsurface soils. • All endpoint soil samples collected immediately below the building slabs meet Unrestricted Use SCOs.
Ingestion of groundwater	• Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply.
Direct contact with groundwater	• People can come into contact if they complete ground-intrusive work at the Site extending below the water table, which is approximately 12-15 ft. below the building cellar slabs.
Inhalation of air (exposures related to soil vapor intrusion)	• Ventilation systems have been installed on the on-Site buildings to prevent the indoor air quality from being affected by the contamination. • A soil vapor intrusion evaluation will be completed when building construction is complete and prior to building occupancy.