
FINAL ENGINEERING REPORT

for

805-825 ATLANTIC AVENUE

BROOKLYN, NEW YORK

NYSDEC BCP NUMBER: C224228

Prepared for:

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July 2022

LANGAN

CERTIFICATIONS

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

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the site are contained in an environmental easement created and recorded pursuant to ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement will be recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the site, and that such plan has been approved by Department.

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Jason Hayes, of Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan), am certifying as Volunteer's Designated Site Representative for the site.

089491-1

NYS Professional Engineer #

7/12/2022

Date



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ACRONYMS

Acronym	Definition
AMS	Air Monitoring Station
BCA	Brownfield Cleanup Agreement
BTEX	Benzene, toluene, ethylbenzene, xylene
Bgs	Below grade surface
CAMP	Community Air Monitoring Plan
COC	Certificate of Completion
Cy	Cubic yard
DER	Division of Environmental Remediation
EI	Elevation
FER	Final Engineering Report
FSO	Field Safety Officer
HASP	Health and Safety Plan
mg/Kg	Milligrams per kilogram
NYCDOB	New York City Department of Buildings
NYSDEC	New York State Department of Environmental Conservation
NYCDEP	New York City Department of Environmental Protection
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
PPE	Personal Protective Equipment
PGW	Protection of Groundwater
QA	Quality Assurance
QAO	Quality Assurance Officer
QAPP	Quality Assurance Project Plan
QC	Quality Control
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RRU	Restricted Use – Restricted Residential
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
SCO	Soil Cleanup Objective
sf	Square foot
S/MMP	Soil/Materials Management Plan
SMP	Site Management Plan
SOP	Site Operations Plan
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCLP	Toxicity Characteristic Leaching Procedure
UST	Underground Storage Tank

Acronym	Definition
UU	Unrestricted Use
VOC	Volatile Organic Compound

1.0 BACKGROUND AND SITE DESCRIPTION

550 Clinton Partners LLC and 539 Vanderbilt Partners LLC (the “Volunteers”) executed a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on April 6, 2017 to investigate and remediate an approximately 28,000-square-foot (0.53 acre) property located at 805-825 Atlantic Avenue (Borough of Brooklyn Tax Block 2010, Lots 1 and 59) in the Clinton Hill neighborhood of Brooklyn, New York (“the site”). The site is enrolled in the New York State Brownfield Cleanup Program (BCP) as Site No. C224228. The BCA was amended on September 5, 2019 to add VC Atlantic Partners LLC as a Volunteer. The site is also associated with NYSDEC Spill No. 17-10091, which was reported on February 6, 2018 after petroleum-like odors and photoionization detector (PID) readings above 15,000 parts per million (ppm) were documented on the southeastern portion of Lot 59.

A Decision Document (DD) was issued on September 27, 2019 that included a Track 4 selected remedy with an alternative to achieve a Track 2 remedy contingent on attainment of Remedial Action Objective (RAOs). A Track 2 (Restricted Residential Use) remedy was implemented on Lot 1 and a Track 4 (Restricted Use with generic Soil Cleanup Objectives) remedy was implemented on Lot 59 in accordance with the NYSDEC-approved September 27, 2019 Remedial Action Work Plan (RAWP) and DD. The NYSDEC approval letters for the RAWP and DD are provided in Appendix A.

The ‘L-shaped’ site occupies the southern part of the Borough of Brooklyn Tax Block 2010 in the Clinton Hill neighborhood of Brooklyn. The site is bound by single- and multiple-family residential buildings to the north; Clinton Avenue to the east; Atlantic Avenue to the south; and Vanderbilt Avenue to the west. The Long Island Rail Road (LIRR) Atlantic Avenue tunnel underlies Atlantic Avenue directly south of the site. A site location map is included as Figure 1 and a site plan is included as Figure 2. The recorded Environmental Easement (EE) and lot line surveys are included in Appendix B.

Prior to redevelopment, the site was developed with multiple residential and commercial structures between 1887 and 1926. Between 1930 and 2016, Lot 1 was occupied by a vehicle repair shop (1940 to 1973) and a car wash (1974 to 2019). Lot 59 was occupied by a gasoline filling station with petroleum bulk storage (1938 to 1987), and multiple automotive repair facilities (1930 to 2019). Six 550-gallon gasoline underground storage tanks (USTs) associated with the former gasoline filling station were closed and removed in 2004. The buildings were demolished in mid-2019 as part of site preparation for remediation.

Site redevelopment includes construction of a 29-story mixed-use commercial and residential building on a 4-story podium with a single cellar level. The cellar level has a finished floor slab

elevation of about el. 56¹; however, excavation for remediation ranged in depth from about el. 72 to el. 56 (about 2 to 18 feet below grade surface [bgs]). Lot 1 contains the 29-story building, which is about 10,500 square feet in area and contains retail, storage, maintenance, and mechanical rooms in the cellar, a residential lobby and retail space on the first floor, retail space on the second floor, and affordable residential housing units on Floors 3 through 29. Lot 59 contains the 4-story building, which is about 12,500 square feet in area and contains retail space in the cellar and first and second floors and affordable residential housing units on the third and fourth floors.

This Final Engineering Report (FER) summarizes the remedial actions implemented in accordance with the RAWP and DD to attain a Track 2 remedy on Lot 1 and a Track 4 remedy on Lot 59. Demolition of the former buildings to prepare the site for remediation was conducted in April 2019 and between August and September 2019. Groundwater remediation was conducted between October 23 and November 5, 2019. Remedial excavation and installation of a soil vapor extraction (SVE) system and the sub-grade portion of a soil vapor mitigation system occurred between December 5, 2019 and October 16, 2020. Three quarterly groundwater monitoring events were completed in March, June, and October 2021. Residual contamination remaining in place will be addressed with institutional and engineering controls (IC/EC) managed in accordance with the Site Management Plan (SMP), which is further described in Sections 3.9 through 3.11. A copy of the SMP is included in Appendix C.

¹ Elevations herein are in feet and referenced to the North American Vertical Datum of 1988 (NAVD88), which is about 1.1 feet above mean sea level at Sandy Hook, NJ.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Langan completed a Remedial Investigation (RI) between January 10 and March 29, 2018 in accordance the October 9, 2018 NYSDEC-approved Remedial Investigation Work Plan (RIWP). The RI was completed to evaluate the nature and extent of contamination in soil, groundwater, and soil vapor and to assess risk to human health and the environment. Based on the results of the RI, the following Remedial Action Objectives (RAOs) were identified for the site:

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.2 Soil RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

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

2.2 DESCRIPTION OF THE REMEDY

The remedy for the site was divided into two separate cleanup tracks. Lot 1 was remediated to a Track 2 Restricted-Residential Use cleanup, indicating that fill/soil exceeding the Restricted Use Restricted Residential (RRU) Soil Cleanup Objectives (SCOs) or contaminant source material was removed to a minimum depth of 15 feet below grade surface (bgs) as part of the remedy (NYCRR Part 375-3.8[e][2]). Lot 59 was remediated to a Track 4 Restricted Use with Site-Specific SCOs cleanup, indicating that the top two feet of fill/soil exceeding RRU SCOs was removed and petroleum-impacted soil in the southeastern portion of the site was removed to the extent practicable; residual contamination remains in place and is being treated via engineering controls (ECs) that include a site cap and soil vapor extraction (SVE) system (NYCRR Part 375-3.8[e][4]).

The remediation was conducted in accordance with the RAWP and Decision Document. The factors considered during the selection of the remedy are those listed in the NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10) and Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375, Subpart 375-1, Section 375-1.8 (6 NYCRR 375-1.8). Remaining soil and groundwater contamination left in place will be managed through the use of institutional controls (ICs) and ECs, as detailed in the NYSDEC-approved SMP.

The following activities were completed during implementation of the Track 2/Track 4 remedy:

1. Development and implementation of a Construction Health and Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) for the protection of on-site workers, community/residents, and the environment during remediation
2. Installation of groundwater monitoring wells and collection of groundwater samples for treatability analysis
3. Completion of a groundwater treatment feasibility study and submission of a Professional Engineer (PE) certified Remedial Design – The In-Situ Groundwater Remediation Technical Memorandum was submitted to NYSDEC on August 20, 2019 on Lot 59.
4. Prior to, and as a prerequisite of remediation, the existing buildings were demolished and removed from the site.
5. Completion of in-situ treatment of petroleum-impacted groundwater via injection of PlumeStop® on the southeastern part of the site (Lot 59) between October 23 and November 5, 2019

6. Construction of a support of excavation (SOE) system to facilitate the remedial excavation - the SOE included soldier piles and lagging along the entire site boundary.
7. Implementation of soil erosion, pollution, and sediment control measures, as necessary, in compliance with applicable laws and regulations
8. Excavation and off-site disposal of soil/fill from surface grade (ranging from el.72 to el.73) to depths ranging from about 2 to 15 feet bgs (el. 71 to el. 56) - the following soil types were removed to achieve a Track 2 cleanup on Lot 1:
 - a. Soil that exceeded the RRU SCOs, which extended to depths ranging from 2 to 15 feet bgs.
 - b. Soil that exceeded the 6 NYCRR Part 371 hazardous criteria for lead, which extended from 2 to 13 feet bgs.
9. Excavation and off-site disposal of soil/fill from surface grade (ranging from el. 74 to el. 76) to depths ranging from about 2 to 18 feet bgs (el. 72 to el. 56) - the following soil types were removed to achieve a Track 4 cleanup on Lot 59:
 - a. Soil from 0 to 2 feet bgs exceeding RRU SCOs throughout the entirety of Lot 59.
 - b. Soil that exceeded the 6 NYCRR Part 371 hazardous criteria for lead, which ranged from 6 to 8 feet bgs.
 - c. Soil that exhibited petroleum impacts to depths of up to 18 feet bgs on Lot 59, based on nuisance conditions as defined in Commissioner Policy CP-51 Section G.
10. Collection and analysis of confirmation soil samples to confirm Track 2 SCOs have been achieved in Lot 1 and Track 4 SCOs have been achieved in Lot 59 outside of the petroleum contaminant source area
11. Import of backfill consisting of 0.75-inch virgin quarry stone that was placed as permeable aggregate for the Sub-Membrane Depressurization (SMD) system throughout Lots 1 and 59
12. Removal and decommissioning of three 100- to 300-gallon USTs on Lot 1, and six 100- to 550-gallon USTs on Lot 59 - a Petroleum Bulk Storage (PBS) registration was submitted to NYSDEC to administratively close the tanks and is included in Appendix K.
13. Installation and operation of as SVE system consisting of six SVE wells and a vacuum unit within the new building on Lot 59 to reduce residual petroleum-related volatile

organic compound (VOC) concentrations in soil that remained beneath the development depth – post-installation soil vapor samples were collected to evaluate VOC removal from the vadose zone.

14. Installation of three monitoring wells (MW203, MW204, and MW205) inside the new building and downgradient of former wells MW-112, MW-117 and MW-118 to monitor efficacy of the in-situ injection program and completion of four quarterly groundwater monitoring events in March, June and October 2021, and December 2021/January 2022 to evaluate petroleum contaminant reduction.
15. Installation of a passive SMD system (with the capability of conversion to an active system), including a vapor barrier membrane, under the new buildings on Lots 1 and 59 to protect against intrusion of VOC-impacted soil vapors
16. Installation of a site cover system on Lot 59 comprised of a 24- to 36-inch reinforced concrete slab atop an eight-inch 0.75-inch stone subbase layer above a geotextile fabric
17. Establishment of long-term ICs in the form an SMP and Environmental Easement - the ICs include prohibitions on the use of groundwater from the site and prohibitions on sensitive site uses, such as farming or vegetable gardening in residual site soil, to mitigate future exposure pathways.
18. Ongoing implementation of ECs on Lot 59, including operation of the SVE system and quarterly groundwater monitoring, as described in the SMP.

3.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remediation was completed in accordance with the NYSDEC-approved RAWP. Demolition of the former site structures to prepare the site for remediation was completed in September 2019. Implementation of the RAWP was completed between October 7, 2019 and October 16, 2020. The following sections detail the policies and procedures that governed the remedy and the resulting remedial activities.

3.1 GOVERNING DOCUMENTS

3.1.1 Site Specific Construction Health & Safety Plan (CHASP)

Remedial work documented under this remedial action was done in compliance with governmental requirements, including site and worker safety requirements mandated by the Federal Occupational Safety and Health Administration (OSHA). The CHASP provided a mechanism for establishing on-site safe working conditions, safety organization procedures, and personal protective equipment (PPE) requirements, and was followed during remedial and invasive work performed. The site-specific CHASP met the requirements of the Code of Federal Regulations Title 29 Part 1910 (29 CFR 1910) and 29 CFR 1926 (which includes 29 CFR 1910.120 and 29 CFR 1926.65). The site-specific CHASP included, but was not limited to, the following components:

- Organization and identification of key personnel;
- Training requirements;
- Medical surveillance requirements;
- List of site contaminant hazards;
- Excavation safety;
- Work zone descriptions;
- PPE requirements;
- Decontamination requirements;
- Standard operating procedures;
- Contingency plans;
- CAMP; and
- Material Safety Data Sheets (MSDS)

3.1.2 Quality Assurance Project Plan (QAPP)

Remedial and invasive work complied with the provisions of the NYSDEC-approved Quality Assurance Project Plan (QAPP) that was included as Appendix G of the RAWP. The QAPP

describes the specific policies, objectives, organization, functional activities and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives.

3.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan (CQAP) included in the RAWP provided detailed observation and testing activities used to monitor construction quality and confirm that remediation conformed to the remediation goals, objectives, and specifications. The contractor and construction manager were responsible for construction quality as the remedy was completed. A list of personnel involved in implementation of the CQAP and a description of the procedures carried out by the remedial engineering team are provided below.

The following project personnel were involved with the RAWP implementation:

Remedial Engineer (RE):	Jason Hayes, P.E., LEED ^{AP}
Project Manager:	Kimberly Semon, P.E.
Langan Health & Safety Officer:	Tony Moffa, ASP, CHMM, COSS
Site Safety Coordinator:	William Bohrer, P.G.
Qualified Environmental Professional (QEP):	Michael Burke, P.G., CHMM
Field Team Leader:	Colin Anderson, Lamees Esmail, P.E.
Field Staff Members:	Tomas Monti, Brad Koontz, Andrew Nesci
Quality Assurance Officer:	Joe Conboy

The RE directly supervised field staff who were on-site during the remedial action, including remedial injections, field screening of excavations, SVE system installation, soil/fill excavation and removal, and CAMP implementation. The RE directly supervised field staff that met with the construction superintendent (affiliated with the Volunteer) on a daily basis to discuss the plans for that day and schedule upcoming activities. The RE reviewed site development activities to verify they did not interfere with, or otherwise impair or compromise, the remedial action. The field staff kept a project field book and a photo log documenting remedial activities. Daily reports summarizing remedial activities were submitted to NYSDEC and the NYSDOH and included CAMP results.

3.1.4 Soil Materials Management Plan (SMMP)

The Soil/Materials Management Plan (SMMP) included detailed plans for managing soil, fill and liquids that were disturbed during implementation of the remedy, including excavation,

handling, storage, transport and disposal. It also included controls that, when implemented properly, provided for effective nuisance-free performance of these activities in compliance with applicable federal, state, and local laws and regulations.

3.1.4.1 Soil Screening Methods

Visual, olfactory, PID soil screening and assessment was performed by field staff under the direct supervision of the RE during remedial excavations of known and potentially contaminated soil and fill. Soil screening included all excavation and invasive work performed during the remedy, including excavations for the SOE system and foundation. Instrumental soil screening was conducted with a MiniRAE® 3000 PID equipped with a 10.6 electron volt (eV) lamp.

3.1.4.2 Soil Stockpiles

Soil stockpile areas were constructed for staging excavated site soil/fill to facilitate the loading of trucks. Separate stockpile areas were constructed to avoid comingling different waste types. Stockpile areas met the following minimum requirements:

- Stockpiles were covered at the end of each work day with minimum 6-mil plastic sheeting or tarps, which were securely anchored to the ground. Separate stockpiles were created for different types (e.g., hazardous and non-hazardous soil/fill). Stockpiles were routinely inspected and broken sheeting covers promptly replaced.
- Stockpiles were covered upon reaching their capacity (i.e., about 400 cubic yards) until ready for loading.
- Stockpiles were encircled with silt fences and hay bales, as needed, to contain and filter particulates from rainwater and to mitigate the potential for surface water run-off.

3.1.4.3 Excavation and Load Out

Field staff under the direct supervision of the RE observed ground-intrusive work, and the excavation and load-out of excavated soil and fill. The Volunteers and their contractors were responsible for the safe execution of intrusive and other work performed during this remedial action, installation of SOE measures, and maintaining the structure of adjoining sidewalks and roads during excavations. The presence of utilities and easements were also investigated and verified by the Volunteers and its contractors before excavation was performed.

To the extent possible, trucks were queued along Vanderbilt Avenue and Clinton Avenue to minimize off-site disturbance. Off-site queuing was minimized to limit the number of trucks stopping and idling in the surrounding neighborhood. Construction entrances were temporarily constructed and utilized during truck load-out along Vanderbilt Avenue and Clinton Avenue. Trucks were loaded on-site. Areas in the immediate vicinity of the truck loading lanes were

inspected after trucking events for evidence of off-site sediment tracking. Soil and fill were transported to the appropriate disposal destinations using trucking routes outlined in the approved RAWP.

Field staff under the direct supervision of the RE documented that egress points for truck and equipment transport were clean of soil and fill derived from the site during remediation and development. Cleaning of the adjacent streets was performed by the contractor as needed to maintain a clean condition with respect to site-derived soil and fill.

Loaded vehicles leaving the site were securely covered, manifested, and placarded in accordance with appropriate federal, state, and local requirements, and other applicable transportation requirements. Trucks were not loaded with wet soil and fill capable of producing free liquid, eliminating the need for truck liners. Hazardous-lead impacted soil and fill derived from the site were live-loaded into trucks, transported, and disposed of in full compliance with applicable local, state, and federal regulations.

3.1.4.4 Soil and Fill Disposal Off-Site

Soil/fill excavated and removed from the site was handled, transported and disposed of in accordance with local, state (including 6 NYCRR Part 360) and federal regulations. Non-hazardous soil and fill removed from the site was handled as a solid waste per 6 NYCRR Part 360-1.2. Hazardous lead-impacted historic fill was removed from the site as hazardous waste per 6 NYCRR Part 371.3 and in accordance with Hazardous Waste Operations and Emergency Response (HAZWOPER) protocols including those specified in 29 CFR 1910.120.

The following documentation was obtained and reported by the RE for each soil/fill disposal location used in this project to demonstrate and document that the disposal of soil and fill derived from the site conforms to applicable laws:

- A letter from the RE to the receiving facility describing the soil/fill to be disposed and requesting formal written acceptance of the soil and fill. This letter stated that soil and fill to be disposed of is contaminated soil and fill generated at an environmental remediation site in New York State. The letter provided the project identity and the name and phone number of the RE. The letter included chemical data for the soil and fill being transported (including waste characterization data); and
- A letter from the receiving facility stating it is in receipt of the correspondence (above) and is approved to accept the soil/fill.

Waste disposal facility approval and permit documentation are provided in Appendix D.

An account of the destination of soil/fill removed from the site during the remedial action was documented by the RE. Non-hazardous waste manifests were used for off-site movement of non-hazardous soil/fill, as discussed below in Section 3.3.4. A total of 13,860 tons of non-hazardous historic fill and soil and about 840 tons of hazardous lead-impacted soil were excavated and transported off-site for disposal from Lot 1, and about 2,400 tons of non-hazardous historic fill and soil and about 70 tons of hazardous lead-impacted soil were excavated and transported off-site for disposal from Lot 59 as part of the remedial action. About 11,000 tons of fill/soil were removed from Lot 1, and about 13,000 tons of soil/fill were removed from Lot 59 as part of construction.

Preliminary waste characterization investigations were performed to facilitate approval of excavated soil/fill at off-site disposal facilities. Sampling and analytical methods, sampling frequency, and analytical results are summarized in Section 3.3.2.

3.1.4.5 Fluids Management

Groundwater at the site is deeper than 60 feet bgs; therefore, a dewatering system was not required during implementation of the RAWP.

3.1.4.6 Backfill from Off-Site Sources

A total of 918.47 tons of 0.75-inch virgin quarry stone was imported for placement as the permeable aggregate layer for the SMD system and/or to construct and stabilize construction entrances. A concrete slab was placed on top of the imported stone per the development plan. Import stone used for construction entrances was excavated and transported for off-site disposal during RAWP implementation, as further discussed in Section 3.8.

3.1.5 Stormwater Pollution Prevention Plan

A Stormwater Pollution Prevention Plan (SWPPP) was not required, because the site is less than one acre. Best Management Practices (BMP) for soil erosion were selected and implemented, as needed, to minimize erosion and sedimentation off-site. Barriers and hay bales were installed around the site perimeter and stormwater catch basins, as necessary. Barriers and hay bale checks were inspected and repaired and accumulated sediments were removed, as necessary. An Erosion Sediment Control (ESC) Plan was prepared for compliance with Leadership in Energy and Environmental Design (LEED) requirements. A copy of the ESC Plan is provided in Appendix E.

3.1.6 Community Air Monitoring Plan (CAMP)

Community air monitoring was conducted in compliance with the NYSDOH Generic CAMP outlined in Section 5.5.12 of the RAWP. The CAMP was developed to protect off-site receptors, including occupants at residences and businesses, from potential airborne contaminant releases during ground-intrusive work. Monitoring for dust and VOCs was conducted during ground-intrusive activities by RE field staff. The CAMP included real-time monitoring for VOCs and particulate matter smaller than ten microns in diameter (PM10) at the upwind and downwind perimeter of the site during ground-intrusive remediation. Continuous monitoring was implemented during soil/fill excavation and load-out, and earthwork associated with foundation construction. Air monitoring for particulates and VOCs was implemented during all ground intrusive activities associated with the remedy.

Monitoring for VOCs was conducted with a MiniRAE® 3000 PID equipped with a 10.6 eV lamp and monitoring for PM10 was conducted with a TSI DustTrak™ II Model 8530. A portable PID was used to monitor the work zone. Field staff monitored ambient air conditions at the site perimeter to check for visible dust emissions and odors. Odors were not documented during the remediation, and mitigation measures were implemented when visible dust was identified. Preventative measures for dust generation implemented by the contractor included wetting surficial soil and surrounding work areas.

Action levels used for the protection of the community and visitors were set forth in the CAMP. The particulate action level was set at 150 micrograms of dust per cubic meter ($\mu\text{g}/\text{m}^3$) of air above background for a 15-minute average, and the VOC action level was set at 25 ppm for instantaneous readings and above background or 5 ppm above background for a 15-minute average. DustTraks and PIDs were monitored each day while in use. Fifteen-minute running averages were calculated from the data recorded and were compared to the action levels specified in the CAMP. CAMP results are discussed in further detail in Section 3.2.5.

3.1.7 Contractors Site Operations Plans (SOPs)

The RE reviewed all plans and submittals for the remediation (i.e., those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP.

3.1.8 Citizen Participation Plan

The approved Citizen Participation Plan for this project was included as RAWP Appendix D. A certification of mailing was sent by the Volunteers to the NYSDEC project manager following the distribution of the first fact sheet that included: (1) certification that the fact sheet was

mailed; (2) the date it was mailed; (3) a copy of the fact sheet; (4) a list of recipients (contact list); and (5) a statement that the repositories contained all of the applicable project documents. Subsequent fact sheets were mailed to elected officials and were publicly noticed electronically by NYSDEC.

Two document repositories were established at the following locations and each contain all applicable project documents:

Brooklyn Community Board 2
350 Jay Street, 8th Floor
Brooklyn, New York 11201
Phone: (718) 596-5410

New York Public Library – Clinton Hill Library
380 Washington Avenue
Brooklyn, New York 11238
Phone: (718) 398-8713

3.2 REMEDIAL PROGRAM ELEMENTS

3.2.1 Contractors and Consultants

Contractors and consultants involved in the remedy are detailed in the following table:

Contractor/Consultant	Company Name	Representative/Contact
RE	Langan	Jason Hayes, P.E. (212) 479-5400
Demolition Contractor	Titan Industrial Services (Titan)	Anna Casalino (718) 424-9071
General Contractor/Construction Manager (GC/CM)	Triton Construction (Triton)	Josh Brooks (845) 332-0966
PlumeStop® Injection Contractors	Supplier: Regenesis Remediation Services (RRS)	Glenn Iosue (484)650-2592
	Driller: AARCO Environmental Services, Inc. (AARCO)	Steve Plofker (631) 586-5900
Remediation Contractors	Kingdom Associates Inc. (Kingdom)	Eric Goldberg (718) 434-0020
	Denmar Plumbing, Inc. (Denmar)	Chris Darlak (212) 614-9071
UST Decommissioning and Removal Contractors	AARCO	Steve Plofker (631) 586-5900
Post-Remedy Monitoring Well Installation Contractor	AARCO	Steve Plofker (631) 586-5900
SVE System Installation Contractor	Enterprise Network Resolutions Contracting (ENRC)	Ted Budzynski (609) 567-0600
Waste Disposal Manager	Environmental Waste Minimization, Inc. (EWMI)	Jim Sherrier (484) 799-4015

Triton acted as the GC/CM on behalf of the Volunteers. Langan was retained as the RE and Mr. Jason Hayes, P.E. is the RE of Record and is certifying this FER. Demolition of the former on-site buildings was completed by Titan. The Waste Disposal Manager was EWMI for both non-hazardous soil/fill and hazardous lead-impacted soil. The groundwater treatment program was implemented by RRS and AARCO. Post-remedial monitoring wells were installed and developed by AARCO. The remediation contractors maintained staff and equipment to conduct remedial activities, and the Waste Disposal Manager was responsible for selecting soil disposal facilities based on waste characterization laboratory data and for providing transportation for off-site soil disposal through waste hauling subcontractors.

Kingdom and its subcontractors maintained a full staff and complement of equipment to conduct remedial activities, in addition to those described above, as outlined in the RAWP (i.e., excavation, sub-grade SMD system installation, SOE installation, and placement of the composite site cover). Above-grade SMD system installation was completed by Denmar.

3.2.2 Site Preparation

The Volunteers and remediation contractors mobilized to the site and completed the following:

- Identified the location of the aboveground and underground utilities (e.g., power, gas, water, sewer, communications), equipment, and structures as necessary prior to demolition and implementation of the remedy
- Mobilized necessary remediation personnel, equipment, and materials to the site
- Constructed temporary, stabilized construction entrances, which included site-access ramps consisting of non-hazardous historic soil/fill from the site excavation and from imported stone
- Installed erosion and sediment control measures, as necessary
- Installed temporary construction fencing around the perimeter of the site, including locked gates to limit unauthorized access
- Stationed a water hose at the site access/loading ramps for truck cleaning/washing and dust suppression
- Obtained agency and city approvals and regulatory permits, including, but not limited to:
 - New York City Department of Buildings (NYCDOB) work permits
 - New York City Department of Transportation (NYCDOT) roadway and walkway closure permits
 - New York City Department of Environmental Protection (NYCDEP) construction noise and dust mitigation permits
 - New York City Fire Department (FDNY) new construction permits

A coordination meeting to discuss the in-situ injection program was held between Regenesi, Triton, and Langan on August 28, 2019. A pre-construction kick-off meeting was held with NYSDEC, the Volunteers, Langan, Kingdom, and Triton on October 16, 2019. In-situ equipment and materials staging areas were prepared prior to the commencement of injection on October 23, 2019.

3.2.3 General Site Controls

3.2.3.1 Site Security

The site perimeter was secured with gated, signed, plywood fencing with points of entry in accordance with NYCDOB and NYCDOT permits and requirements. The purpose of the

fencing was to limit site access to authorized personnel, protect pedestrians from site activities, and maintain site security.

3.2.3.2 Job Site Record Keeping

Field observations and measurements were recorded in a project field book, spreadsheets, sketches/maps, and field photographs. Daily field reports and monthly reports summarizing remediation activity and progress were submitted to the NYSDEC project manager. Daily and monthly reports are further discussed in Section 3.2.6.

3.2.3.3 Equipment Decontamination and Residual Waste Management

The contractors were responsible for managing the disposal of residual waste, including scrap construction materials (wood, plastics, and metal), C&D debris, asbestos and lead-impacted debris, and general refuse/municipal solid waste. Machinery, equipment and materials were decontaminated before removal from the site at the truck washing stations, as necessary.

3.2.3.4 Problems Encountered

No problems were encountered during the implementation of the RAWP.

3.2.4 Nuisance Controls

3.2.4.1 Dust Control

The contractor employed dust suppression techniques while excavating, drilling, cutting, grading, stockpiling, and during other earthwork. The contractor applied water to work zones and excavation areas and covered stockpiles with polyethylene sheeting, as needed, to minimize releases of airborne particulates.

3.2.4.2 Odor Control

Odor control was not required during implementation of the RAWP.

3.2.4.3 Responding to Complaints

No community complaints were received by the RE.

3.2.5 CAMP Results

A summary of VOC and/or PM₁₀ exceedances are provided in Table 1. Reasons for exceedances primarily included sweeping, welding, and placement of imported stone adjacent to the downwind CAMP station. During periods of exceedances, Langan personnel under the supervision of the RE directed the contractor to pause work and mitigate dust until subsequent

readings decreased below action levels. Equipment and/or telemetry malfunction precluded measurement of downwind VOC or PM10 concentrations for intermittent periods on 12 days over the course of documented earthwork (190 days). On these days, the units were recalibrated or, in some instances, replaced by the safety equipment subcontractor. Odors and visible dust emissions were not apparent during periods when the VOC or dust-monitoring equipment was not recording.

Daily CAMP field data summary sheets and air monitoring data are provided as Appendix F.

3.2.6 Reporting

Langan field staff, under the supervision of the RE, documented remedial activities, including waste characterization sampling; in-situ groundwater treatment; excavation/earthwork; confirmation endpoint sampling; SVE system installation; community air monitoring results; stockpile management; soil, fill, liquids and stone import and export, and groundwater monitoring in daily field reports with photographs. The Project Manager or Field Team Leader submitted daily reports to the NYSDEC project manager for phases of earthwork and remediation activities.

The Project Manager or Field Team Leader submitted monthly reports to the NYSDEC Project Manager by the tenth day of the month following the previous reporting period between September 2017 and January 2022. Monthly reports included a summary of remedial activities during the reporting period and anticipated activities, field sampling results, and other information related to the remedy. Daily and monthly reports during RAWP implementation are included in electronic format in Appendix G.

A digital photograph log documenting key phases and activities accomplished during the remedy is included in Appendix H.

3.3 REMOVAL OF CONTAMINATED SOIL/FILL AND USTs

The remedy included removal of fill and soil exceeding the RRU SCOs in Lot 1 (Track 2) and exceeding the RRU SCO, to the extent practical, in Lot 59 (Track 4). Soil/fill was removed for remediation to depths ranging from 2 to 15 feet bgs in Lot 1 (about el. 71 to el. 56), including one hazardous lead-impacted fill hot spot, to achieve a Track 2 cleanup. Soil/fill removal on Lot 59 consisted of the removal of soil/fill exceeding RRU SCOs within the top two feet (about el. 72 to el. 70), removal of one hazardous lead-impacted fill hot spot (el. 66 to el. 64) and petroleum-impacted soil exhibiting nuisance conditions to about 17 feet bgs (el. 62 to el. 56) to achieve a Track 4 cleanup. Hazardous lead-impacted soil/fill was removed from one hot spot on Lot 1 and one hot spot on Lot 59, and petroleum-impacted soil exhibiting nuisance conditions

was removed from Lot 59. In addition, three USTs on Lot 1 and six USTs on Lot 59 were encountered during excavation and decommissioned in accordance with 6NYCRR Part 612.2 and 613.9, and DER-10 Section 5.5. The Track 2 and Track 4 remedial objectives were achieved on Lots 1 and 59, respectively. A list of the RRU SCOs, which apply to the Track 2 and Track 4 portions of the site, are provided in Table 2. Remediation excavation areas are shown in Figure 3.

Removal of petroleum-impacted source material, which extends to about 55 feet below sidewalk grade, is not feasible. The site is adjoined to the south by a Long Island Railroad (LIRR) tunnel structure, which could be undermined by an excavation extending to such a depth. Construction of support of excavation (SOE) and underpinning elements to support the tunnel, in addition to the requisite magnitude of excavation and backfilling, would not be practical. Therefore, treatment of the residual soil via an SVE system was the selected remedy. As of the date of this FER, residual petroleum-impacted soil that constitutes a contaminant source and remains below the development depth on Lot 59 is being remediated with an SVE system. The SVE system reduces involves extracting VOC-containing vapors from unsaturated soil by inducing a negative pressure gradient in the vadose zone. The negative pressure gradient causes the VOCs in the soil gas to mobilize and migrate through the voids in the soil towards SVE wells. The extracted VOC-containing vapors are conveyed to the surface, treated using activated carbon, and discharged to the atmosphere. Operation and maintenance of the SVE system is further discussed in the Site Management Plan (SMP) provided in Attachment C.

3.3.1 Hazardous Lead Delineation

Several soil sampling events were conducted on October 7, 2019 and between June 13, 2019 and February 27, 2020 to delineate hazardous lead impacts identified during the RI in the eastern portion of Lot 59 and in the central portion of Lot 1.

Lot 59

Total and Toxicity Characteristic Leaching Procedure (TCLP) lead concentrations of 2,570 milligrams per kilogram (mg/kg) and 14.5 milligrams per liter (mg/L), respectively, were identified in the soil sample collected from 6 to 7 feet bgs in boring SB114 located near the eastern site boundary of Lot 59 during the 2018 RI. On October 7, 2019, Kingdom excavated a test pit at the location of former boring SB114 and four test pits about five feet north, east, south, and west of SB114 to delineate the extent of hazardous lead soil. Langan documented the test pit excavations and collected 7 samples for laboratory analysis. Grab samples were collected at 8 feet bgs at the former SB114 location, and from 6 to 7 feet and at 8 feet bgs in

each surrounding test pit. Soil samples were submitted to Alpha Analytical Laboratories (Alpha), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP ID #11452) located in Mahwah, New Jersey, and analyzed for total and TCLP lead. Lead concentrations did not exceed the United States Environmental Protection Agency (EPA) Hazardous Waste Regulatory Limit in the analyzed soil samples. Based on the delineation sampling data, an approximately 15-foot by 15-foot area extending 8 feet deep was identified for off-site disposal as hazardous lead-impacted soil. On December 17, 2019, the hazardous lead-impacted hot spot was excavated and transported to Republic Environmental Systems, LLC (Stericycle) in Hartfield, Pennsylvania for disposal. Four sidewall and one base post-excavation samples were collected from the excavation. The material was transported to a permitted disposal facility under EPA Hazardous Waste Generator ID No. NYR00243683.

Lot 1

Total and TCLP lead concentrations of 1,780 mg/kg and 5.56 mg/L, respectively, were identified in the soil sample collected from 2 to 4 feet in boring SB107A near the center of Lot 1 during the 2018 RI. Subsequent lead delineation sampling events required for waste disposal purposes were conducted between June 13, 2019 and February 27, 2020. Samples collected from June to October 2019 were collected from soil borings advanced by AARCO. The hot spot expanded about 25 feet to the north, 30 feet to the east, 35 feet to the south, 12 feet to the west, and about 6 to 9 feet below the original hazardous-lead impacted sample. Samples collected from October 2019 to February 2020 were collected from test pits excavated to complete the hazardous lead delineation during several phases by Kingdom. In total, 60 samples were collected from depths ranging from 2 to 13 feet bgs and were sent to York Analytical Laboratories (York), an NYSDOH ELAP-certified laboratory (ELAP ID #10854) located in Stratford, Connecticut and analyzed for total and TCLP lead. Based on the delineation sampling data, an approximately 1,300-square-foot area extending to 10 to 13 feet bgs was identified for off-site disposal as hazardous lead-impacted soil. Between February 4 and February 25, 2020, the hazardous lead-impacted hot spot was excavated and transported to US Ecology in York, Pennsylvania for disposal. Fifteen sidewall and five base post-excavation samples were collected from the excavation on February 17, 2020. The material was transported to a permitted disposal facility under EPA Hazardous Waste Generator ID No. NYR000243675.

Post-excavation sample locations are provided on Figure 4. Sample location plans, tables summarizing analytical results and laboratory reports associated with the lead delineation and post-excavation confirmation endpoint sampling events are provided in Appendix I.

3.3.2 Waste Characterization Soil Sampling

Langan performed waste characterization soil sampling on June 12 and June 19, 2019 to support the disposal facility approval process for receipt of soil and fill material excavated during implementation of the remedy. Supplemental waste characterization soil sampling was also conducted on December 17, 2019 and March 12, May 7, and June 2, 2020 to characterize soil to meet disposal facility requirements, and to characterize soil to be removed as a result of modifications to the foundation design. The sampling methodology, field observations and results of the June 2019 waste characterization sampling are presented in the September 18, 2019 Waste Characterization Report. The report and the laboratory analytical results of supplemental sampling events are included in Appendix J. The waste characterization sampling events are summarized below.

June 2019 Waste Characterization Sampling

Langan collected 16 grab and 16 composite soil samples (including one duplicate) from 12 soil borings completed with a Geoprobe 6610DT direct-push drill rig operated by Eastern Environmental Services Corp of Manorville, New York. Soil samples were collected continuously into dedicated 4-foot-long acetate sleeves. Borings were advanced to about 18 feet bgs and soil samples were representative of the planned excavation depths. The soil and associated QA/QC samples were submitted to Alpha for analysis.

Grab soil samples were analyzed for the following parameters:

- Part 375/Total Compound List (TCL)/New Jersey Department of Environmental Protection (NJDEP) VOCs by EPA Method 8260C
- TCLP VOCs via EPA Method 1311

Composite samples were analyzed for the following parameters:

- Semivolatile organic compounds (SVOCs) by EPA Method 8270D
- Part 375/TCL herbicides/pesticides by EPA Method 8151A/8081B
- Part 375/Total Analyte List (TAL) metals by EPA Method 6010D/7470A
- Total cyanide by EPA Method 9010C/9012B
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A
- TCLP SVOCs, pesticides, herbicides, and metals by EPA Method 1311
- Resource Conservation and Recovery Act (RCRA) hazardous waste characteristics including pH, ignitability, cyanide and sulfide reactivity, and paint filter by EPA Method 9095/9095B

The following compounds exceeded the lower of Part 375 RRU and Protection of Groundwater (PG) SCOs in one or more samples:

- VOCs: acetone
- Metals: lead
- SVOCs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene

Pesticides, herbicides and PCBs were not detected at concentrations above the lower of Part 375 RRU and PG SCOs.

Supplemental Waste Characterization Soil Sampling

Langan conducted supplemental waste characterization sampling and analysis for the parameters described above, as requested by the soil disposal facilities to meet sampling frequency requirements and to characterize soil to be removed as the result of modifications to the foundation design. Test pit and sampling plans, analytical summary tables, and laboratory analytical reports for the supplemental sampling are provided in Appendix J. The supplemental sampling events were conducted as follows:

- On December 17, 2019, Langan collected two grab and two composite soil samples from two test pits excavated by Kingdom in the southwestern part of the site. The samples were representative of soil from the 0- to 9-foot bgs depth interval.
- Between December 19, 2019 and February 25, 2021, Langan collected 15 grab soil samples from fill/soil in contact with former hydraulic pistons and USTs encountered across the site to meet disposal facility QA/QC requirements. The samples were analyzed for Part 375/NJDEP/TCL VOCs and/or SVOCs.
- On March 13, 2020, Langan collected one grab and one composite soil sample from stockpiled drilling spoils generated from Lot 1 between 13 and 23 feet bgs.
- On May 7, 2020, Langan collected one grab and one composite soil sample from a test pit excavated by Kingdom in the central part of the site. The samples were representative of soil from the 18- to 23-foot bgs depth interval.
- On June 2, 2020, Langan collected one grab and one composite soil sample from three test pits excavated by Kingdom in the southeastern part of the site. The samples were representative of soil from the 18- to 26-foot bgs depth interval.

3.3.3 UST Removal

During implementation of the RAWP, three 100- to 300-gallon USTs on Lot 1, and six 100- to 550-gallon USTs on Lot 59 were removed. USTs were decommissioned by FDNY-certified tank removal contractors in accordance with New York City Fire Code, Chapter 34, Section FC3404, and Title 6 of the New York Codes Rules and Regulations NYCRR, Section 613.9. Registration and regulatory closure of the tanks with the NYSDEC PBS Unit is pending. Locations are shown on Figure 3 and supporting documentation is provided as Appendix K. The following table summarizes the UST discovery, removal, and closure with NYSDEC dates, contents, and soil impacts, where documented.

Tank No.	Location	Date Discovered	Size (gallons)	Date Removed	Contents	Evidence of Soil Impacts?
1	Lot 59	2/19/2020	100	4/9/2020	100 gallons (gal) of oily liquid	Yes
2		2/28/2020			1 gal water	No
3						
4	Lot 1	3/12/2020			500 gal oily liquid	Yes
5	Lot 59	3/20/2020	550			
6	Lot 1	4/24/2020	300	6/15/2020	200 gal oily liquid	
7		4/27/2020	100		None	No
8	Lot 59	5/6/2020				
9		6/4/2020	550			300 gal oily liquid

AARCO was retained during remedial excavation to cut, clean and remove the USTs in accordance with the RAWP and in compliance with applicable local, applicable local, state and federal laws and regulations, including NYSDEC regulations. The liquid contents of the USTs were removed with a vacuum truck and transported to the Dale Transfer Corporation in West Babylon, New York for off-site disposal. The decommissioned tanks were disposed of as scrap metal at Hesh's Recycling, Inc. in West Babylon, New York on April 9 and June 15, 2020.

Soil exhibiting indications of petroleum-like odors, staining, and/or PID readings above background was observed near four USTs (Tank Nos. 1 and 5 on Lot 1 and Tank Nos. 6 and 9 on Lot 59). Soil exhibiting indications of petroleum impacts was excavated and stockpiled on polyethylene (poly) sheeting pending disposal. Petroleum-impacted fill was subsequently sampled by Langan prior to off-site disposal (see Section 3.3.2). The stockpiled fill was transported off-site for disposal at the Bayshore Soil Management facility in Keasbey, New Jersey (see Section 3.3.4). Following removal of the USTs and any surrounding petroleum-

impacted fill, remedial excavation continued until attainment of the final remediation depth. Confirmation samples (Lot 1) and documentation bottom samples (Lot 59) were then collected from each grid area in which the USTs were located.

3.3.4 Total Soil/Fill Quantities Removed

Approximately 17,185 cubic yards (24,059 tons) of hazardous lead-impacted historic fill, non-hazardous historic fill and soil were removed for off-site disposal. The following table provides a summary of excavated soil and fill removed during remedial excavation and construction:

Remediation and Construction Disposal of Fill/Soil					
Disposal Facility	Type	Date of Disposal	Number of Loads	Weight of Soil/Fill Excavated (tons)	Volume Excavated (CY)*
Republic Environmental Systems, LLC (Stericycle) 2869 Sandstone Drive Hatfield, PA	Hazardous Lead-Impacted Fill/Soil	December 17, 2019	3	70.48	50
US Ecology 730 Vogelston Road York, PA	Hazardous Lead-Impacted Fill/Soil	February 4 to February 25, 2020	36	836.68	595
Bayshore Soil Management 75 Crows Mill Road Keasbey, NJ	Petroleum- and Metals-Impacted Non-Hazardous Fill/Soil	January 7 to September 15, 2020	271	9,206.22	6,575
NJ Zinc – West Plant 1120 Mauch Chunk Road Palmerton, PA	Non-Hazardous Fill/Soil	January 7 to September 21, 2020	448	12,232.63	8,740
Taylor's Lane Reclamation Project 1001 Taylor's Lane Cinnaminson, NJ	Non-Hazardous Soil	May 4 to May 20, 2020	51	1,713.71	1,224.08

* = Volume estimated by dividing the weight (tons) by 1.4.

The following quantities were excavated and transported off-site as part of the remedial action:

- Lot 1:
 - 7,420 tons of non-hazardous historic fill and soil; and
 - 840 tons of hazardous lead-impacted soil
- Lot 59:
 - 2,000 tons of non-hazardous historic fill and soil; and
 - 70 tons of hazardous lead-impacted soil

The hazardous lead-impacted soil was transported to Stericycle (Lot 59) and US Ecology (Lot 1), which each operate under a RCRA Part B permit and operate under EPA Facility IDs PAD085690592 and PAD010154045, respectively. Bayshore Soil Management LLC operates under a New Jersey Department of Environmental Protection (NJDEP) General Approval for Class B Materials. NJ Zinc West Plant operates under a Pennsylvania Department of Environmental Protection (PADEP) general permit. Taylor Lane Reclamation Project is a Licensed Site Remediation Program (LSRP) site operating under a NJDEP-approved Material Acceptance Plan (MAP). Excavated historic fill and soil were transported by waste-transporting contractors possessing New York State Part 364 Waste Transporter Permits. Hazardous and non-hazardous excavated material was transported under standard manifesting protocols. Non-hazardous waste transporter manifests were signed by Langan personnel on behalf of 539 Vanderbilt Partners, LLC (Lot 1) or 550 Clinton Partners, LLC (Lot 59). Table 3 provides a ledger of the exported hazardous and non-hazardous fill/soil. Hazardous waste transporter manifests were signed by an authorized representative of the Volunteers. Approval documentation from the disposal facilities and a copy of facility permits are provided in Appendix D. Copies of facility-signed manifests, scale tickets, and transporter Part 364 permits are included in electronic format in Appendix L.

3.4 SOIL REUSE ON SITE

Historic fill or soil was not reused or repurposed at the site.

3.5 CONFIRMATION AND DOCUMENTATION ENDPOINT SAMPLING

Confirmation and documentation endpoint soil samples were collected as described below.

3.5.1 Soil Sampling Results

Post-excavation confirmation (Lot 1) and documentation (Lot 59) endpoint soil samples were collected at a frequency of about one base excavation sample for every 900 square feet in accordance with the RAWP and NYSDEC DER-10. Thirteen excavation bottom samples (EP01 through EP13) were collected on Lot 1, and 13 excavation bottom samples and 2 sidewall samples (SW01 and SW02) were collected on Lot 59, in addition to QA/QC samples, between May 19 and September 17, 2020. The presence of SOE precluded the collection of sidewall samples around the perimeter of Lot 1 and majority of Lot 59. Samples were submitted to York and analyzed for NYSDEC Part 375 list VOCs, SVOCs, pesticides, metals including hexavalent and trivalent chromium, and total cyanide, in accordance with the RAWP and QAPP.

Over-excavation was required in the area represented by EP23 on Lot 59 due an exceedance of lead (522 milligrams per kilogram [mg/kg]; RRU SCO: 400 mg/kg). A 30-foot by 30-foot area was over-excavated by about one foot and a subsequent endpoint sample confirmed that the concentration of lead was no longer detected above the RRU SCO. Petroleum-related VOCs identified in soil below the development depth on Lot 59 during the RI are being remediated via an SVE system discussed in Section 3.10.

The laboratory analytical results of the endpoint sampling and endpoint soil sample locations are presented in Table 4 and on Figure 5, respectively. Laboratory analytical reports are provided in Appendix M.

3.6 IN-SITU GROUNDWATER TREATMENT

An application of injectable activated carbon (PlumeStop™) was completed between October 23 and November 5, 2019 to treat groundwater impacted with petroleum-related VOCs identified within the south-central and southeastern portions of Lot 59 during the RI. Targeted petroleum-related VOCs included 1,2,4-trimethylbenzene, xylenes, ethylbenzene, 1,3,5-trimethylbenzene, n-propylbenzene, isopropylbenzene, n-butylbenzene, sec-butylbenzene, chloroform, p-isopropyltoluene, and toluene. A summary of post-RI monitoring well installation and baseline groundwater sampling, groundwater remediation implementation (installation of injection wells and application of PlumeStop™), and post-remedial quarterly monitoring events is provided below.

3.6.1 Monitoring Well Installation and Baseline Sampling

As outlined in the RAWP, analytical data collected from monitoring wells within the plume area on the south-central and southeastern portions of Lot 59 (MW-112, MW-117 and MW-118) during the RI were used to establish baseline groundwater conditions prior to implementation

of the groundwater remedy. Groundwater samples were collected from MW-117 and MW-118 on February 12, 2018 and from MW-112 on February 25, 2018. One additional monitoring well, MW-202, was installed on October 2, 2019 north of the plume area to delineate the extent of petroleum impacts. MW-202 was installed by AARCO and consisted of about 65 feet of 2-inch-diameter Schedule 40 polyvinyl chloride (PVC) riser piping connected to 15 feet of 2-inch-diameter, No. 2 slotted PVC well screen, set at about 80 feet bgs. Monitoring well construction logs for RI monitoring wells are provided in Appendix C of the RIR, and the construction log for monitoring well MW-202 is provided in Appendix N.

Prior to sampling MW-202 on October 7, 2019, Langan visually inspected the monitoring well, recorded an initial headspace VOC reading (recorded in ppm), and measured the depth to groundwater using a Solinst® oil/water interface probe. The well was sampled in accordance with the USEPA's low-flow groundwater sampling procedure to allow for collection of a representative sample ("Low Stress [Low Flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", dated July 30, 1996). Purging was performed using a submersible pump fitted with dedicated tubing at all wells. During purging, the turbidity, pH, temperature, conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO) were monitored using a Horiba U-52 water quality meter with a flow-through cell. Groundwater was purged until water quality parameters stabilized and the turbidity was below 50 nephelometric turbidity units. Measurements were recorded on a Langan field sampling log that is included in Appendix N. The sampling methodology followed for the sampling of monitoring wells MW-111, MW-112, MW-117 and MW-118 in February 2018, and corresponding monitoring well construction and sampling logs are provided in the NYSDEC-approved RIR.

The sample from MW-202 was submitted to Alpha and analyzed for TCL/TAL VOCs, SVOCs, total petroleum hydrocarbon/gasoline range organics (TPH GRO), total and dissolved iron, total and dissolved manganese, sulfate, and nitrate. Two contaminants of concern, 1,3,5-trimethylbenzene (8.9 micrograms per liter [µg/L]) and 1,2,4-trimethylbenzene (21 µg/L), exceeded the TOGs SGVs (5 µg/L). The concentrations did not exceed 10 times the TOGS SGVs; therefore, MW-202 was considered the northern delineation point of the plume area. The analytical results from the baseline monitoring are presented in Table 5A and Figure 6.

3.6.2 Groundwater Treatment

In accordance with the In-Situ Remediation Technical Memorandum, dated August 20, 2019, application of an activated carbon solution (PlumeStop™) was chosen as the remedy to reduce petroleum-related VOCs in groundwater. PlumeStop™ is a proprietary product developed by Regenesys Remediation Services that provides an adsorptive media onto which the dissolved

VOCs can partition. In turn, attached microbial growth occurs on the surface, resulting in contaminant destruction via biodegradation. PlumeStop™ employs the techniques of organic polymer dispersion chemistry to suspend activated carbon particles in a colloidal matrix. The PlumeStop™ application was followed by the injection of Nutrisulfate®, a sulfate salt solution that provides an electron acceptor for anaerobic biodegradation of sorbed VOCs.

Impacted groundwater was treated via an injection well network (IP-01 through IP13) placed in a rough grid pattern on the south-central and southeastern portions of Lot 59 to provide treatment distribution across the approximately 4,000-square-foot petroleum-impacted area. AARCO and Regenesi completed the injection program under the observation of Langan. Injection points were advanced to about 80 feet below sidewalk grade using a sonic drilling rig. Injection points were constructed of 15 feet of 2-inch-diameter, No. 2 slotted PVC well screen connected to about 65 feet of 2-inch PVC riser pipe. The tops of the points were finished with 2-inch-diameter Schedule 80 PVC injection fittings and concrete well boxes with 8-inch-diameter steel drive-over covers.

About 66,000 pounds of PlumeStop™ were pumped into the injection wells between October 23 and November 5, 2019, and 1,650 pounds of Nutrisulfate® were injected into the wells between November 1 and 7, 2019. Injection Point construction logs and a summary of PlumeStop™ and Nutrisulfate® volumes injected into each well location, and the Regenesi Application Summary Report are provided in Appendix N. Injection locations are shown on Figure 7.

3.6.3 Confirmation Groundwater Sampling and Well Decommissioning

During three sampling events between January and March 2020, post-injection confirmation groundwater samples were collected from RI monitoring wells MW-111, MW-112, MW-117 MW-118 and injection wells IP-04 and IP-05 within the treatment area. Due to damage incurred by monitoring well MW-117 and IP-04 during construction, groundwater samples were also collected from the injection wells IP-01, and IP-03 and IP-08, respectively, as proxy monitoring wells. Groundwater samples were sent to York and analyzed for VOCs, total and dissolved iron and manganese, alkalinity, nitrogen, sulfate, and sulfide, and to Microbial Insights located in Knoxville, Tennessee and analyzed for quantitative polymerase chain reaction (qPCR) to determine the efficacy of the treatment.

The post-injection samples exhibited reduction of petroleum-related contaminants of concern by one to three orders of magnitude below baseline concentrations. The following table summarizes the contaminant reductions between baseline and post-injection confirmation sampling.

	Baseline		Confirmation	
Monitoring Well	Maximum	Well	Maximum	Wells
1,2,4-Trimethylbenzene	1,530	MW-112	31.9	MW-112
1,3,5-Trimethylbenzene	627		14	
Ethylbenzene	689		3.82	
Isopropylbenzene	85.8		1.68	
m,p-Xylene	814		29.6	
n-Butylbenzene	57.5		5.12	
n-Propylbenzene	262		3.61	
o-Xylene	254		12.9	
sec-Butylbenzene	20.5		1.95	
Toluene	7.4		ND	MW-111; MW-112; MW-202; IP-05; IP-08
Total xylenes	1070		42.5	MW-112
Naphthalene	133		1.1	IP-05

Concentrations shown in µg/L; Concentrations over the SGVs are in bold

In an email correspondence on April 16, 2020, NYSDEC approved the decommissioning of the injection and monitoring wells in preparation for remedial excavation and foundation construction. The monitoring wells and injections wells were decommissioned by AARCO on March 4, June 5 and June 15, 2020 in accordance with CP-43: Groundwater Monitoring Well Decommissioning Policy. The results of the baseline and confirmation groundwater sampling are summarized in Table 5A and Figure 6. Monitoring wells and injection points were cut at the development depths and tremmie grouted from the termination depth of the boring to grade. A copy of the NYSDEC correspondence is included in Appendix A, and the IP construction logs and the monitoring well and IP sampling logs are included in Appendix N. Decommissioning logs are provided in Appendix M.

3.6.4 Post-Injection Monitoring Well Installation and Groundwater Monitoring

In accordance with the RAWP, three post-injection groundwater monitoring wells (MW-203, MW-204 and MW-205) were installed between July 13 and July 27, 2020 to evaluate the efficacy of the remedy. AARCO used a sonic drill rig to install wells constructed with 15-feet of 2-inch-diameter, Schedule 40 PVC, 0.02-inch slotted screens attached to solid risers at each well location to about 67 feet below cellar grade. The monitoring wells were completed by backfilling the well annulus with No. 1 filter sand to depths of about 50 feet below cellar grade and two feet above the screened interval, followed by a grout/bentonite seal to grade. The monitoring wells were later incorporated into the concrete foundation slab and finished with a flush-mounted road box. The wells were developed between July 14 and July 27, 2020 via surging and over pumping until purged groundwater appeared clear, and were then allowed to

stabilize until the first quarterly sampling event in March 2021. Monitoring well construction and sampling logs are included in Appendix N.

The following sections summarize the sampling methodology and analytical results for the first four quarterly groundwater monitoring events performed in March 2021 (Q1), June 2021 (Q2), October 2021 (Q3), and December 2021 (Q4). The laboratory analytical results are summarized in Table 5B and Figure 8.

3.6.4.1 Sampling Methodology

During the Q1 2021 and Q2 2021 sampling events, monitoring wells MW-203, MW-204, and MW-205 were sampled using a submersible pump attached to dedicated tubing and following the same protocol as the baseline sampling event in November 2020 (see Section 3.6.1). Well effluent was pumped through a Horiba U-52 flow-through cell to monitor for pH, ORP, conductivity, temperature, DO, and turbidity. The groundwater samples were transported to Alpha under standard chain of custody protocol and analyzed for Part 375/TCL VOCs.

A dark discoloration indicative of suspended carbon particles (i.e., residual PlumeStop™) was identified in groundwater samples collected from MW-204 and MW-205 during the two quarterly sampling events. To determine if VOC concentrations detected in groundwater samples were the result of interference from VOCs bound to activated carbon or representative of dissolved-phase groundwater quality, groundwater samples were collected using passive diffusion bags (PDBs) during the Q3 2021 and Q4 2021 sampling events. NYSDEC approved the use of PDBs in an email dated September 21, 2021. The PDBs were placed in each of the three monitoring wells on October 13, 2021 and December 29, 2021 and then collected on October 28, 2021 and January 13, 2022, respectively, for transport to Alpha under standard chain of custody protocol for analysis for Part 375/TCL VOCs and sulfate.

NYSDEC correspondence regarding the use of PDBs is included in Attachment A, and monitoring well locations and analytical results are shown on Figure 8. Geochemical observations and analytical results from the Q1 through Q4 2021 monitoring events are summarized below.

3.6.4.2 Sample Results Summary – Q1 through Q4 2021 Monitoring Events

The analytical results from wells MW-203, MW-204, and MW-205 were compared with the results from the post-injection sampling of three former monitoring wells (MW-112, MW-118, and MW-202) and four injection points (IP-01, IP-03, IP-05, and IP-08) that was conducted during the 2020 confirmation sampling events. Former well MW-112 contained the highest

VOC concentrations (4436.2 µg/L) in February 2018. During the Q1 and Q2 2021 sampling events, well MW-203, which is located nearest the area formerly containing the highest petroleum VOC concentrations, contained VOCs below the SGVs; however, petroleum VOC concentrations in monitoring wells MW-204 and MW-205, which are located in the southeastern portion of the site, were up to three orders of magnitude higher than concentrations during the 2020 sampling events. When compared to Q2 2021, the total VOCs detected during Q4 2021 decreased from 2,847 µg/L (MW-204) and 22,629 µg/L (MW-205) to about 382 µg/L (MW-204) and 17,446 (MW-205). Total xylenes were the VOCs with the highest detected concentrations of 660 µg/L (MW-204) and 7,000 µg/L (MW-205) during the Q2 monitoring event, compared to 38 µg/L (MW-204) and 4,400 µg/L (MW-205) during the Q4 sampling event. Three VOCs detected in each well during Q2 2021 were no longer detected above SGVs during Q4 2021, including 1,2,4,5-tetramethylbenzene, 1,3,5-trimethylbenzene, and naphthalene in MW-204, and n-butylbenzene, sec-butylbenzene, and trichloroethene (TCE) in MW-205. Toluene was not detected during Q2 2021, but was detected at concentrations greater than the SGV in MW-205 during Q4 2021. VOCs in MW-203 remained below detection limits through Q4 2021.

The concentration of targeted petroleum-related VOCs in the south-central portion of the site (i.e., MW-203) have decreased to levels below the SGVs. Although concentrations increased in the southeastern part of the site (i.e., MW-204 and MW-205) following the 2019 injections, VOCs in that area decreased during Q3 and Q4 2021 relative to Q1 and Q2 2021. The decrease may indicate that VOCs detected during the Q1 and Q2 events were in part attributable to petroleum adsorbed to residual suspended carbon. Removal of source material from the vadose zone via the SVE system may also be contributing to the general decrease in VOCs. The SMP discusses an off-site groundwater monitoring plan to further assess the extent of the increase in petroleum contaminated groundwater in the southeastern part of the site. Groundwater analytical results for the baseline and Q1 through Q4 2021 monitoring events are included in Table 5B and shown on Figure 8. Laboratory analytical reports are included in Appendix M and sampling logs are provided in Appendix N.

3.7 DATA USABILITY SUMMARY REPORTS

Data Usability Summary Reports (DUSR) were prepared for confirmation and documentation endpoint soil sampling, baseline and confirmation groundwater sampling, and the Q1 through Q4 2021 groundwater sampling, and their related QA/QC samples. The data usability review confirmed that the data presented in these reports is of an appropriate quality for its intended usage. Validation concluded results to be 100% valid with no major deficiencies. DUSRs for the endpoint soil sampling and confirmation groundwater sampling are included in Appendix O.

The DUSR for baseline groundwater sampling is provided in Appendix I of the RIR. DUSRs and QA/QC sample analytical results for quarterly groundwater sampling events are included in their respective quarterly groundwater monitoring reports.

3.8 IMPORTED BACKFILL

A six-inch layer of imported, 0.75-inch stone was placed underneath the ground floor slab and foundation components, and within the SMD system permeable aggregate layer. The following table provides a summary of NYSDEC-approved stone imported to the site during RAWP implementation:

Type	Number of Loads	Quantity Imported (tons)	Date	Facility
0.75-Inch Stone	23	833	February 20 to November 30, 2020	Tilcon New York – West Nyack Quarry 162 Old Mill Road West Nyack, NY
0.75-Inch Stone	3	85.47	August 22, 2021	Evergreen Recycling of Corona 12708 Willets Point Blvd Flushing, NY

Table 6 summarizes the quantities, dates of import, and sources of the imported stone. Imported 0.75-inch stone was placed as the 6- to 8-inch thick permeable aggregate for the SMD system. A map showing backfill locations is provided as Figure 9. Copies of tickets for the imported stone, source facility information, product specifications, and approval documentation are included in Appendix P.

3.9 CONTAMINATION REMAINING AT THE SITE

Lot 1 was remediated to a Track 2 RRU SCO standard, and Lot 59 was remediated to a Track 4 RRU SCO cleanup standard. Confirmation (Lot 1) and documentation (Lot 59) endpoint soil samples were collected from the base of the excavation, which extended to about 18 feet bgs, during implementation of the RAWP at a frequency of one sample per 900 square feet of base. Petroleum-contaminated source material remains below the cellar foundation slab in the southeastern portion of Lot 59, and petroleum-contaminated groundwater remains below the cellar foundation slab in the south-central and southeastern portions of Lot 59. During the RI, chromium, lead, mercury, nickel, and zinc were detected at concentrations above the Part 375 Unrestricted Use (UU) SCOs between 21 and 28 feet below sidewalk grade (el. 47 and 40), with lead detected above the RRU SCO at 26 to 28 feet below sidewalk grade. The residual

metals will remain in place underneath the site cap. ECs and ICs are therefore required to protect human health and the environment via contaminant reduction on Lot 59 and mitigation of potential exposure pathways on Lots 1 and 59. ECs and ICs are described in Sections 3.10 and 3.11, respectively. Long-term management of ECs and ICs will be performed pursuant to the NYSDEC-approved SMP. Confirmation and documentation endpoint soil sample analytical results are summarized in Table 4. Remaining contamination is detailed in the following sub-sections.

3.9.1 Soil Contamination Remaining at the Site

Lot 1 (Track 2)

Thirteen (13) confirmation endpoint samples plus QA/QC samples were collected on Lot 1. Samples were collected at elevations ranging from el. 48 to el. 56 feet. The laboratory analytical results indicated that concentrations were below the Track 2 RRU SCOs. Potential exposure to soil below the excavation depth is eliminated by a 48-inch concrete foundation slab, and potential intrusion of soil vapor from off-site sources is mitigated by an SMD system, as described in Section 3.10. Lead, nickel, mercury, hexavalent chromium and zinc were detected at concentrations above the UU SCOs between 15 and 28 feet below sidewalk grade (el. 588 and 40), with lead also detected above the RRU SCO in one sample at 26 feet below sidewalk grade (el. 47), during the RI. The residual metals will remain in place underneath the site cap.

Lot 59 (Track 4)

Fifteen (15) documentation endpoint samples, including two sidewall samples, plus QA/QC samples were collected on Lot 59. The laboratory analytical results indicated that concentrations were below the RRU SCOs. Laboratory analytical data obtained during the RI identified 1,2,4-trimethylbenzene at a maximum concentration of 98 mg/kg, ethylbenzene at a maximum concentration of 27 mg/kg, n-propylbenzene at a maximum concentration of 29 mg/kg, toluene at a maximum concentration of 1.3 mg/kg, and xylenes at a maximum concentration of 110 mg/kg, which exceed the RRU and/or PGW SCOs, at about 30 feet below sidewalk grade (el. 44). The VOCs were identified above the depth of groundwater in the southeastern portion of Lot 59 within the footprint of the former filling station and in the area from which USTs were removed in September 2004. The residual petroleum-related VOC-impacted soil is considered a source of groundwater impacts and is being remediated via an SVE system, which is discussed in Section 3.10. Potential exposure to soil and petroleum-contaminated groundwater below the excavation depth is eliminated by a 24- to 36-inch concrete foundation slab, and potential intrusion of soil vapor is mitigated by an SMD system, as described in Section 3.10. Long-term management of these ECs/ICs and treatment and

monitoring of residual contamination will be performed in accordance with the SMP. Contingency measures for managing potential post-remedial exposure to soil and groundwater (e.g., from slab penetration and soil excavation) are summarized in the SMP. The approximate location of residual petroleum-impacted soil remaining in place on site is shown on Figure 10.

The following constituents were detected above the UU SCOs during the RI and remain in place:

- Five VOCs, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethyl benzene, n-butylbenzene and total xylenes in three samples collected between 30 and 38 feet bgs (el. 44 and 36)
- Four metals, including chromium, copper, nickel and zinc, in seven samples collected from between 15 and 69 feet bgs (el. 59 and 5).

3.9.2 Groundwater Contamination Remaining at the Site

The RI identified petroleum-related VOCs above the SGVs in groundwater within the south-central and southeastern portions of Lot 59. The depth to groundwater in this area is about 67 feet below sidewalk grade (el. 7). The impacts were attributed to historical petroleum bulk storage and a former gasoline filling station on Lot 59. An in-situ groundwater treatment program was completed in Lot 59 prior to remedial excavation and three post-remediation monitoring wells were installed in the cellar of the new building on Lot 59 within the treatment area to monitor performance of the injections. The following table summarizes the contaminant reductions between Q1 and Q4 sampling events:

	Q1	Q4
Monitoring Well MW-204	Maximum	Maximum
1,2,4,5-Tetramethylbenzene	10	1.1
1,2,4-Trimethylbenzene	250	120
1,3,5-Trimethylbenzene (Mesitylene)	90	2.4
Ethylbenzene	120	120
Isopropylbenzene (Cumene)	15	9.2
M,P-Xylene	300	22
Naphthalene	14	10
n-Butylbenzene	3.3	ND
n-Propylbenzene	43	20
o-Xylene (1,2-Dimethylbenzene)	81	16
Sec-Butylbenzene	3.5	ND
Total Xylenes	380	38
Monitoring Well MW-205	Maximum	Maximum
1,2,4-Trimethylbenzene	2,100	1,300
1,3,5-Trimethylbenzene (Mesitylene)	440	250
Ethylbenzene	1,200	1,400
Isopropylbenzene (Cumene)	98	65
M,P-Xylene	4,800	4,300
Naphthalene	250	180
n-Butylbenzene	17	ND
n-Propylbenzene	280	160
o-Xylene (1,2-Dimethylbenzene)	1,400	2,100
Sec-Butylbenzene	19	ND
Toluene	ND	25
Total Xylenes	6,200	6,400
TCE	ND	3.6

Concentrations shown in µg/L; Concentrations above SGVs are in bold; ND = Non-detect

In addition to the above contaminants of concern, the following constituents were detected in RI groundwater samples at concentrations above the SGVs and are not associated with an on-site contaminant release:

- One VOC, TCE, was identified in one well on Lot 1 (6.1 µg/L) and in one well on Lot 59 (6.1 µg/L) above the SGV of 5 µg/L. TCE was also identified in the duplicate sample collected from MW-205 during the Q2 2021 sampling event at 6.1 µg/L. TCE was not detected in soil samples and is attributed to an off-site source.
- Eight SVOCs were detected at concentrations above the SGVs in groundwater samples collected from two wells on Lot 1, and one well on Lot 59. The exceedances may be attributable to interference from residual fill material that collapsed into the borehole during well installation and was entrained within the groundwater samples.
- Dissolved metals, including iron, magnesium, manganese, and sodium, were detected at concentrations above the SGVs in groundwater samples collected throughout the site. The presence of these constituents in dissolved-phase in groundwater samples may reflect a regional groundwater condition arising from infiltration of dissolved road salt into subsurface media.

Exposure to remaining groundwater contamination is prevented by a 24- to 48-inch-thick cellar foundation slab, which extends throughout Lots 1 and 59. Additionally, New York City does not permit the use of groundwater as a potable water source; therefore, there is no complete exposure pathway under these conditions. Groundwater concentrations of contaminants of concern are summarized in Table 5B and on Figure 7. Monitoring wells that will be monitored under the SMP are shown on Figure 11.

3.9.3 Soil Vapor Contamination Remaining at the Site

Lot 1

The chlorinated solvents tetrachloroethene (PCE) (max. 71 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]) and TCE (max. 24 $\mu\text{g}/\text{m}^3$) were detected on Lot 1 during the RI. These compounds were not identified in soil and are therefore not associated with an on-site source. The SMD system, described in Section 3.10, will protect against intrusion of off-site VOC-impacted soil vapors. The petroleum-related VOCs benzene, toluene, ethylbenzene and xylenes (BTEX) were identified at concentrations ranging from 137 $\mu\text{g}/\text{m}^3$ to 7,277 $\mu\text{g}/\text{m}^3$. Petroleum-impacted fill/soil and USTs, which were potential sources of the BTEX detections, were removed from Lot 1 as part of the remedy.

Lot 59

The chlorinated VOCs methylene chloride (82 $\mu\text{g}/\text{m}^3$), PCE (max. 360 $\mu\text{g}/\text{m}^3$) and TCE (99 $\mu\text{g}/\text{m}^3$) were detected on Lot 59 during the RI. These compounds were not identified in soil and are therefore not associated with an on-site source. BTEX were identified at concentrations ranging from 182 $\mu\text{g}/\text{m}^3$ to 9,324 $\mu\text{g}/\text{m}^3$. These detections were likely associated with petroleum impacts to soil and groundwater in the south-central and southeastern portions of Lot 59 and/or USTs and associated petroleum-impacted fill/soil. Petroleum-impacted fill/soil and USTs, which were potential sources of the BTEX detections, were removed from Lot 59 as part of the remedy. Residual petroleum impacts below the development depth are being addressed with an SVE system, which is described in Section 3.10. The SVE system is also mitigating petroleum-impacted soil vapor generated from the contaminant source area.

3.10 ENGINEERING CONTROLS

3.10.1 Site Cover System

Exposure to remaining contamination on Lot 59 is prevented by a cover system comprised a 24- to 36-inch-thick reinforced concrete slab. The slab is constructed throughout the site above a minimum 8-inch-thick, 0.75-inch stone permeable aggregate layer. The concrete slab details

are provided in the as-built foundation plans in Appendix Q. The final cover system extent and details are shown in Figure 11.

Any breach in the site cover during future development will be repaired in accordance with the SMP. The Excavation Work Plan (EWP) included therein outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying soil is disturbed. Procedures for the inspection and maintenance of this cover system are provided in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in the site-specific Health and Safety Plan (HASP) and associated CAMP, both of which are also appended to the SMP.

3.10.2 Sub-Membrane Depressurization System

Exposure to soil vapor is prevented by an SMD system that has been constructed beneath the Lot 1 and Lot 59 building slabs. An SMD system creates a depressurized (low vacuum) field beneath the floor slab by extracting the sub-slab air with a fan assembly. This low vacuum field reverses the potential natural pressure gradient and diverts potentially impacted vapors from the subsurface of the building to the atmosphere above its rooftop, thereby reducing the potential for vapor intrusion. The design for the SMD system was based on the NYSDOH's "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006) and the USEPA Draft Guidance Document EPA/6251R-92 for the sub-slab depressurization of large buildings and schools. The SMD system was designed to operate passively; however, the system is capable of being converted to an active system through the addition of roof-mounted blowers if required, based on the results of future sub-slab vapor and indoor air sampling.

The SMD system is comprised of a network of perforated sub-membrane collection pipes (i.e., vapor mitigation screen) constructed of 4-inch-diameter, double-walled high-density polyethylene (HDPE) perforated piping with a minimum air permeability of 70 cubic feet/square feet/minute. The screen sections connect to 4-inch-diameter, double-walled HDPE solid sub-header lines that manifold to a 4-inch-diameter main header line. The piping is installed within a continuous permeable aggregate layer across the area that will be actively depressurized, if deemed necessary. The 6- to 8-inch porous gravel layer is comprised of $\frac{3}{4}$ -inch clean stone placed above a geotextile fabric and beneath the vapor barrier membrane system, consisting of Stego® Wrap 20-mil vapor barrier and associated sealing tape. The vapor barrier extends laterally under the entire building footprints and vertically around the sub-grade portions of the perimeter foundation walls. The collection piping systems on the eastern (Lot 59) and western (Lot 1) portions of the site each connect to a lot-specific solid 4-inch-diameter main header lines that in turn connect to solid 4-inch-diameter metal riser pipes (per NYC Building and Mechanical

Code) that penetrate the cellar slab on Lot 59 and direct soil vapor to wind-driven fan assemblies on the building roof. There is no proposed accessory or recreational space near the exhaust location, and the SMD system exhaust points are located at least 10 feet from air intakes or operable windows. Six vapor monitoring points (VMPs) (VMP-V1 through VMP-V6) were installed in the cellar of the building occupying Lot 1, and six VMPs (VMP-C1 through VMP-C6) were installed in the cellar of the building on Lot 59. Locations of the VMPs are provided on Figure 11.

Kingdom installed the perforated, polyester-sleeved HDPE piping and sub-grade VMPs, Denmark installed the vertical metal risers and the wind-driven fan assemblies. The potential for soil vapor intrusion will be evaluated after the building is commissioned and, if an active SMD system is required, based on the evaluation, mechanical blowers will be installed by a contractor to be determined. The sampling ports for the risers are located in the cellar of the building occupying Lot 59. Exposed riser pipe is labeled "Caution: Do Not Alter Sub-Slab Vapor Vent Pipe". Langan observed and documented the installation of the under-slab components of the SMD system between May 22 and October 15, 2020.

The design engineer for the SMD system is Jason Hayes, P.E. The contractors for construction of the SMD system were Kingdom and Denmark. Photographs of below-slab SMD system components are provided in Appendix H. The as-built design for the SMD system, including the location and layout of sub-slab vapor collection piping, vapor monitoring points, and effluent points installed as part of the remedial action, is provided in Appendix Q. The design specifications for the SMD system and vapor barrier installed as part of this engineering control is provided in Appendix R and Appendix S, respectively.

Soil Vapor Intrusion Assessment

A Soil Vapor Intrusion (SVI) investigation was conducted within each building on Lot 1 and Lot 59 prior to occupancy in March 2022. The investigation included the collection of paired indoor air and sub-slab soil vapor samples from the vapor monitoring points installed as part of the SMD system. The results of the investigation will be described in a forthcoming SVI report, to be submitted to NYSDEC and NYSDOH for review and approval prior to occupancy of the buildings, and will be used to determine whether the SMD system will remain passive or will be converted to an active system with rooftop blower units.

SMD System Startup and Testing

SMD system startup testing, which includes the following, will be performed by Langan prior to occupancy of the buildings.

- While the system is operating, smoke tubes will be used to check for leaks through concrete cracks, floor joints, and at exposed above-grade piping connections associated with the lowest-level slab. Any leaks identified will be properly sealed.
- Airflow rates will be measured through the sample ports with a TSI VelociCalc meter to document that airflow within the system is consistent with design calculations.
- Vacuum and vapor concentrations will be measured at the vapor monitoring points and at the vent risers.

Each system test described above will be conducted during the initial system startup for the SMD system and if, in the course of the SMD system's lifetime, significant changes are made to the system and the system is restarted.

3.10.3 Soil Vapor Extraction System

An SVE system was designed and installed to remediate residual petroleum-impacted soil that remains in place beneath the development depth within the southeastern part of Lot 59. The extraction well network installation was completed by AARCO between July 13 and 29, 2020, the below-grade extraction well connections and horizontal piping installation were completed by Denmar between September 24 and 30, 2020, and the above-grade components of the system were completed by ENRC between October 15 and December 7, 2020. The SVE system was activated on December 23, 2020.

SVE wells were installed at about el. 66, prior to the site reaching the development depth. Petroleum-like odors and PID readings up to 15,000 parts per million (ppm) were observed between surface grade and 5 feet bgs in SVE-1, SVE-4, and SVE-6 during installation. After well installation was complete, the southeastern part of the site, including the area surrounding the SVE wells, was excavated to about el. 56 to remove fill/soil exhibiting nuisance conditions. The area was subsequently backfilled to development depth, about el. 61. The locations of SVE-1, SVE-4, and SVE-6 are included in Figure 10.

The SVE system is removing residual petroleum-related VOCs from soil below the cellar by extracting vapors and inducing pore volume flushes from a network of six SVE wells installed to depths of approximately 32 to 33 feet below the cellar level (i.e., about 44 to 45 feet below sidewalk grade). The wells are comprised of four-inch-diameter Schedule 40 PVC riser pipe connected to 20 feet of 20-slot screen set within the impacted interval (at 12 to 32 feet and 13 to 33 feet below the cellar level), and are connected by a network of 2-inch-diameter individual branch lines that extend across Lot 59 and then vertically into a manifold closet, where the individual branch lines are connected to one 6-inch-diameter header line. Below-grade

horizontal piping is constructed of Schedule 80 PVC; piping installed above the building slab and within the cellar is constructed of galvanized steel. Two 50 horse power (HP) rotary lobe blowers capable of conveying a combined 350 standard cubic feet of soil gas per minute (SCFM) at 40 inches of water column (IWC) inlet vacuum and equipped with variable frequency drives (VFDs) exert vacuum on the SVE wells. The application of a vacuum results in air flow through the VOC-impacted soil (pore volume flushes), which volatilizes the VOCs and conveys the contaminated effluent to a central treatment system located in the cellar of the building on Lot 59. The extracted air is directed through two in-line, 2,000-pound granular activated carbon vessels before passing through a 75-foot long, 6-inch-diameter riser and then discharging from a stack above the roofline of the building. There is no proposed accessory or recreational space near the exhaust location, and the SVE system exhaust point is located at least 10 feet from air intakes or operable windows. As-built system design drawings are provided in Appendix Q.

Condensate water generated by the SVE system collects into a 200-gallon storage tank located in the process equipment room. On February 8, 2021, one waste characterization sample was collected from accumulated water in the storage tank and sent to York for analysis of VOCs, EPH, SVOCs, PCBs, pesticides, herbicides, metals, and total cyanide; the analytical laboratory report is included in Appendix M. The contents of the tank were removed by AARCO on June 29, 2021 and disposed of at Clean Water of New York located in Staten Island, New York.

The system's construction was inspected to ensure adherence to the design criteria and manufacturer's recommendations. The start-up inspection was conducted on December 23, 2020 and included the following:

- Testing for leaks in piping
- Equipment piping seals checks
- Documentation that all required signage and notifications were in place
- Verification of emergency stop button operation
- Inspection of electrical installations
- Confirmation of control interlock operation
- Performance of flow optimization (i.e., focusing and balancing air flow) for the SVE wells

As of March 25, 2022 the SVE system had been operational for 15 months at about 99% efficiency and had removed about 76 pounds of VOCs. Weekly and monthly progress reports summarizing the system operation maintenance and monitoring (OM&M) activities and data for each respective week of the first month and each respective month of the first year have been submitted to the NYSDEC. In the event that monitoring data indicates that the SVE system

may no longer be required, a proposal to discontinue the system will be submitted by the Volunteers. Subject to approval from the NYSDEC and the NYSDOH, a short-term temporary system shutdown will be performed for “rebound” evaluation, after vapor concentrations in the system influent reach low-level, asymptotic levels. If zones of remaining high concentration exist within the treatment area, vapor concentrations in soil will increase or “rebound” during the shutoff period. The system performance will then be adjusted to address the areas where rebound is identified. The system will remain in place and operational until permission to discontinue use is granted in writing by the NYSDEC.

Procedures for operating and maintaining the SVE system are documented in the OM&M Plan (Appendix N of the SMP in Appendix C). Progress reports are provided in Appendix G. The analytical results of the on-going SVE sampling are provided in Table 7. Monthly soil vapor concentration trends for the petroleum contaminants remaining in soil (total xylenes and 1,2,4-trimethylbenzene) are presented in Figure 11. As built drawings, signed and sealed by a professional engineer, SVE well construction logs, and calculations regarding the quantity of VOCs removed to date are included in Appendix Q.

3.10.4 Groundwater Monitoring System

Groundwater monitoring will continue at three wells (MW-203, MW-204 and MW-205) to document the effectiveness of the in-situ injection program implemented in the south-central and southeastern portion of Lot 59. Quarterly well gauging and monitoring will be completed for a minimum of two years following the December 14, 2020 start-up of the SVE system. Monitoring will continue, as determined by NYSDOH and NYSDEC, until the remedy is deemed successful in meeting the RAOs for groundwater, as indicated by eight quarters of groundwater sampling. Monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. The monitoring wells are shown on Figure 10.

3.11 INSTITUTIONAL CONTROLS (ICs)

The Track 2 and 4 site remedy requires that an EE be placed on the property to (1) implement, maintain, and monitor the ECs; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted-residential uses only. Implementation of an SMP is also required to provide a plan for continual and proper management of residual contamination at the site.

The EE was executed by the NYSDEC on June 2, 2022 and recorded with the Brooklyn Borough Register’s Office June 28, 2022. The City Register File Numbers are 2022000254586

(Lot 1) and 2022000254585 (Lot 59). A copy of the EE and proof of filing is provided in Appendix B.

3.12 SOIL VAPOR INTRUSION EVALUATION

Soil vapor sampling completed as part of the RI, prior to remediation of the site, identified methylene chloride, PCE, and TCE at concentrations in soil vapor that ranged from non-detect to 82 $\mu\text{g}/\text{m}^3$, 360 $\mu\text{g}/\text{m}^3$, and 54 $\mu\text{g}/\text{m}^3$, respectively; however, these compounds were not identified in soil and a source of chlorinated VOCs was not identified during RAWP implementation. Petroleum-related VOCs detected in soil vapor on Lot 1 may in part be related to releases from the former USTs, which were removed as part of the RAWP implementation. Petroleum-related VOCs in soil vapor on Lot 59 may be related to residual petroleum-impacted soil, which is being actively remediated with an SVE system. The SVE system is also removing petroleum-impacted soil vapor from Lot 59. Petroleum-impacted groundwater has been treated via in-situ chemical injections and is being actively monitored.

A passive SMD system, which incorporates a 20-mil vapor barrier, has been installed on Lots 1 and 59, and will protect against potential vapor intrusion from off-site sources and residual petroleum impacts on Lot 59. The SMD system is further overlain by a 24- to 48-inch reinforced concrete slab that will also protect against potential vapor intrusion.

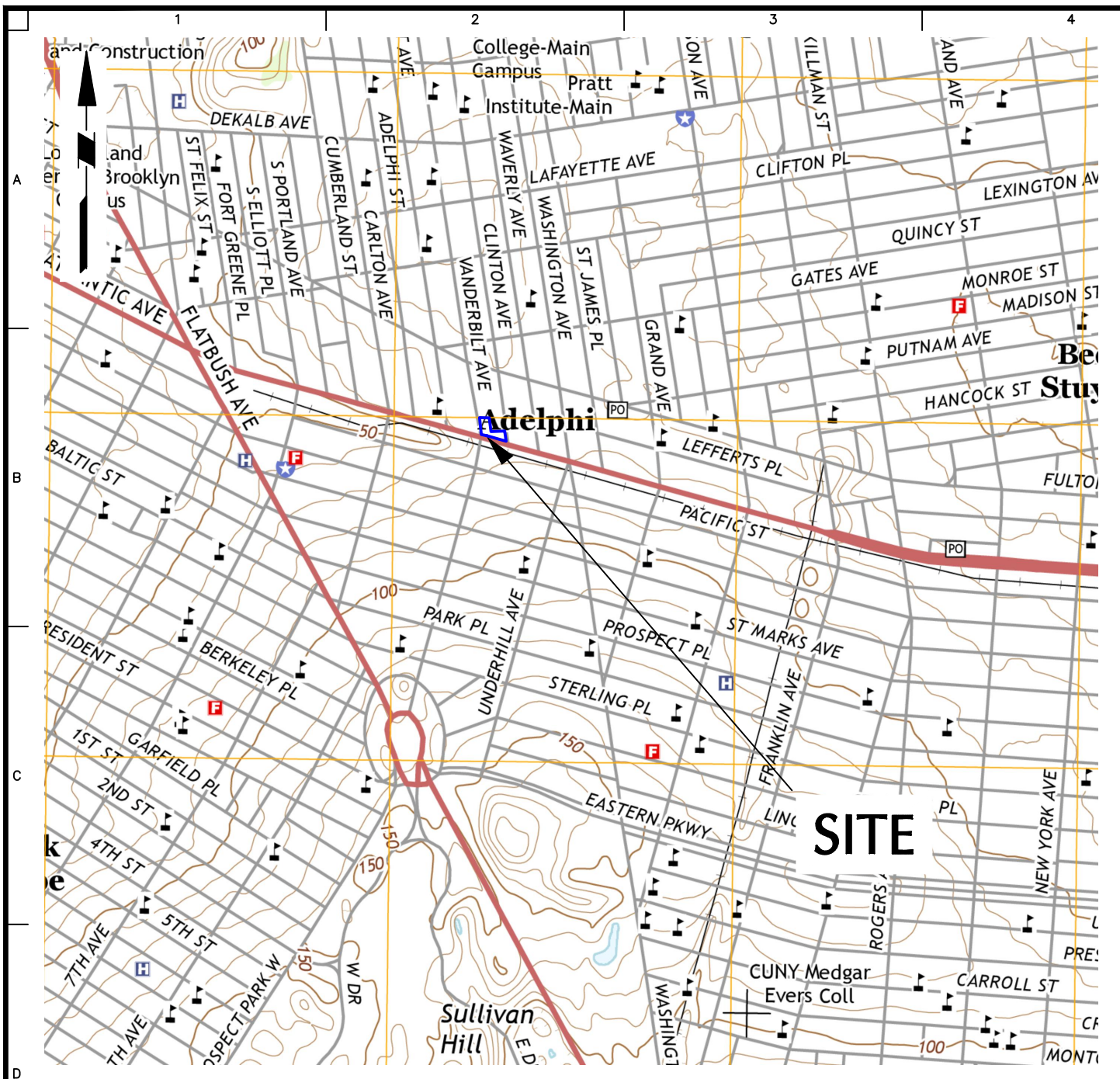
Prior to occupancy of the buildings, Langan will conduct an inspection of the above-grade components of the SMD system, startup testing of the SMD system (see Section 3.10.2), and a SVI investigation. A SVI investigation was conducted within each building on Lot 1 and Lot 59 prior to occupancy in March 2022. The investigation included the collection of paired indoor air and sub-slab soil vapor samples from the vapor monitoring points installed as part of the SMD system. The results of the investigation will be described in a forthcoming SVI report, to be submitted to NYSDEC and NYSDOH for review and approval prior to occupancy of the buildings, and will be used to determine whether the SMD system will remain passive or will be converted to an active system with rooftop blower units.

3.13 DEVIATIONS FROM THE RAWP

- The following modifications were made during installation of the SMD system. Changes to the SMD system are shown on the as-built drawings provided in Appendix Q:
 - The thickness of the permeable aggregate layer on the Lot 59 portion of the site was increased from 6-inches as designed to 8-inches.

- Horizontal vapor collection pipes on Lot 1 were rerouted around a concrete crane pad and beneath and around the two elevator pits.
- Due to the thickness of the slab on Lot 1, the length of the VMPs was increased by installing 4-foot-long PVC casing that extended about 2- to 4-inches below the bottom of the slab.
- Soil in contact with the USTs and exhibiting petroleum impacts based on staining, odors, and/or PID readings was sampled and analyzed for VOCs and SVOCs prior to transport off-site. However, the impacted soil was not analyzed for PCBs, pesticides, and metals, as stated in Section 5.5.11 of the RAWP. All soil surrounding the former USTs was excavated to the final remediation depth, and bottom documentation/confirmation samples were collected for laboratory analysis for full Part 375 parameters (per the RAWP).
- After excavation of the grids in which the USTs were located to the development depth (about 17 feet bgs), the presence of SOE elements precluded collection of confirmation/documentation sidewall samples. The analytical results of the bottom confirmation/documentation samples and observations at the final grid depths within which the USTs had been located did not indicate the presence of residual impacts associated with the USTs.
- Hazardous lead hot spots were delineated by collecting bottom and sidewall sampling from the hot spot excavation. Sidewall samples were not collected along the grids adjoining the hazardous lead hot spots in accordance with RAWP Section 3.2.10; however, post-excavation delineation sampling results, in addition to the waste characterization sampling discussed in Section 3.3.2 and Appendix J, and confirmation/documentation endpoint sampling results demonstrate that hazardous lead-impacted fill/soil was removed per DER-10 5.4.b.5. Remedial excavation to depths greater than 15 feet bgs precluded the collection of sidewall samples from adjoining grids.

FIGURES



NOTE:

1. BASEMAP FROM USGS BROOKLYN, N.Y. 7.5 MINUTE SERIES TOPOGRAPHICAL QUADRANGLE MAP, DATED 2016.
2. FIGURE NOT TO SCALE.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

LANGAN

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Project

**805-825 ATLANTIC
AVENUE**

BLOCK No. 2010, LOT Nos. 1 & 59
BROOKLYN

KINGS COUNTY

NEW YORK

Figure Title

**SITE LOCATION
MAP**

Project No.

170384501

Date

11/15/2021

Drawn By

CMA

Checked By

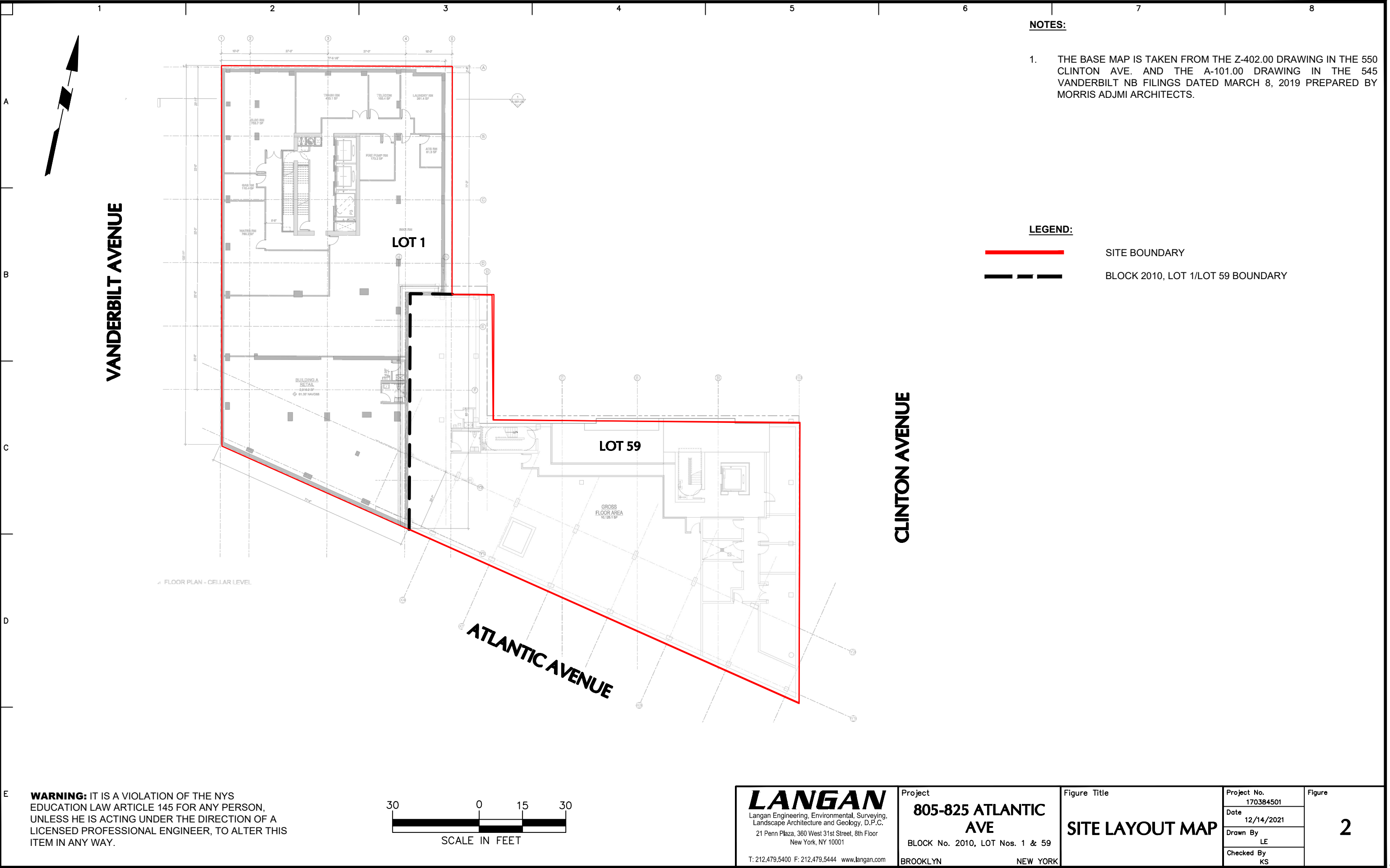
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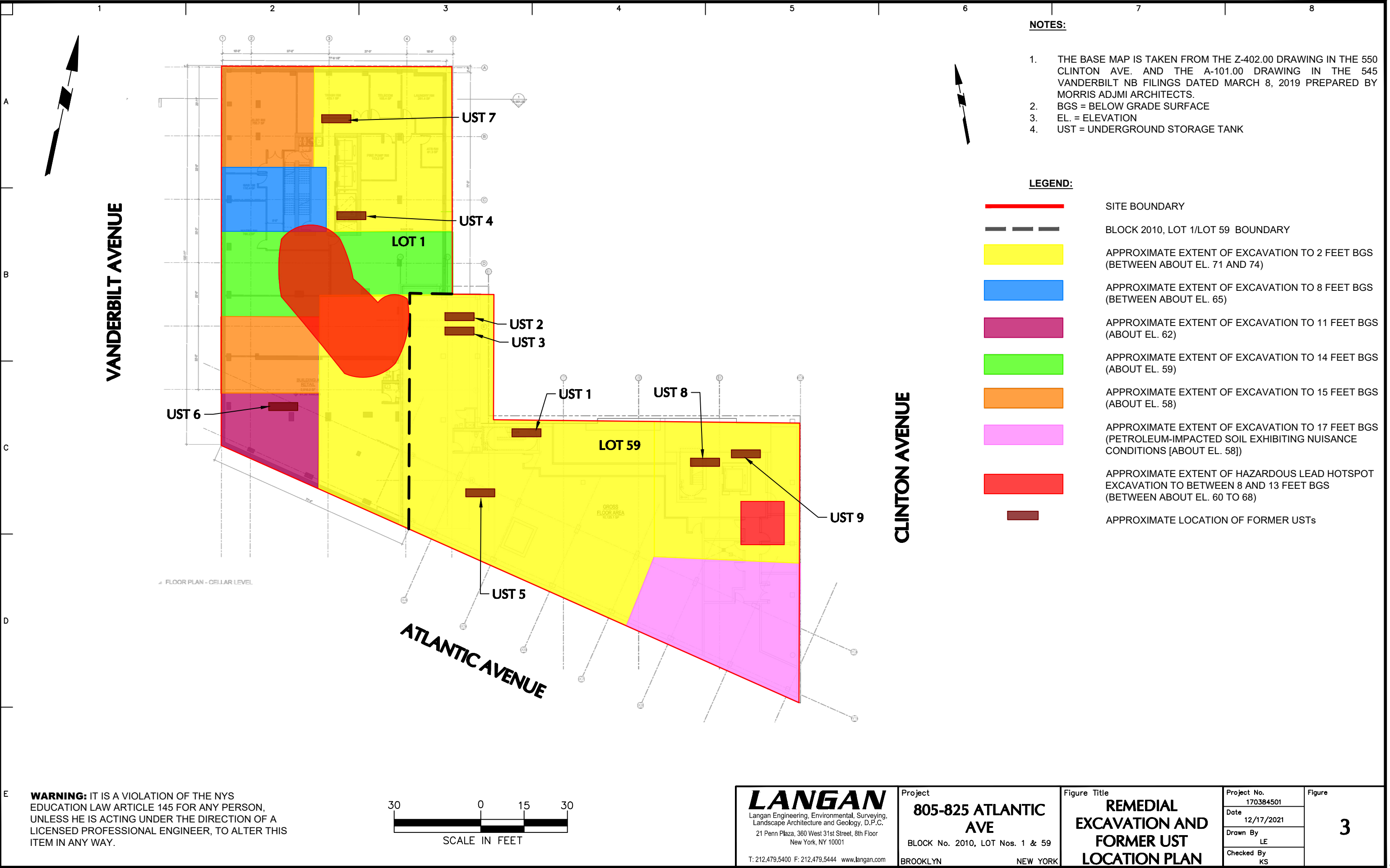
Figure No.

1

Sheet

of 14







- NOTES:**
1. THE BASE MAP IS TAKEN FROM THE Z-402.00 DRAWING IN THE 550 CLINTON AVE. AND THE A-101.00 DRAWING IN THE 545 VANDERBILT NB FILINGS DATED MARCH 8, 2019 PREPARED BY MORRIS ADJMI ARCHITECTS.
 2. SAMPLE LOCATIONS ARE APPROXIMATE.

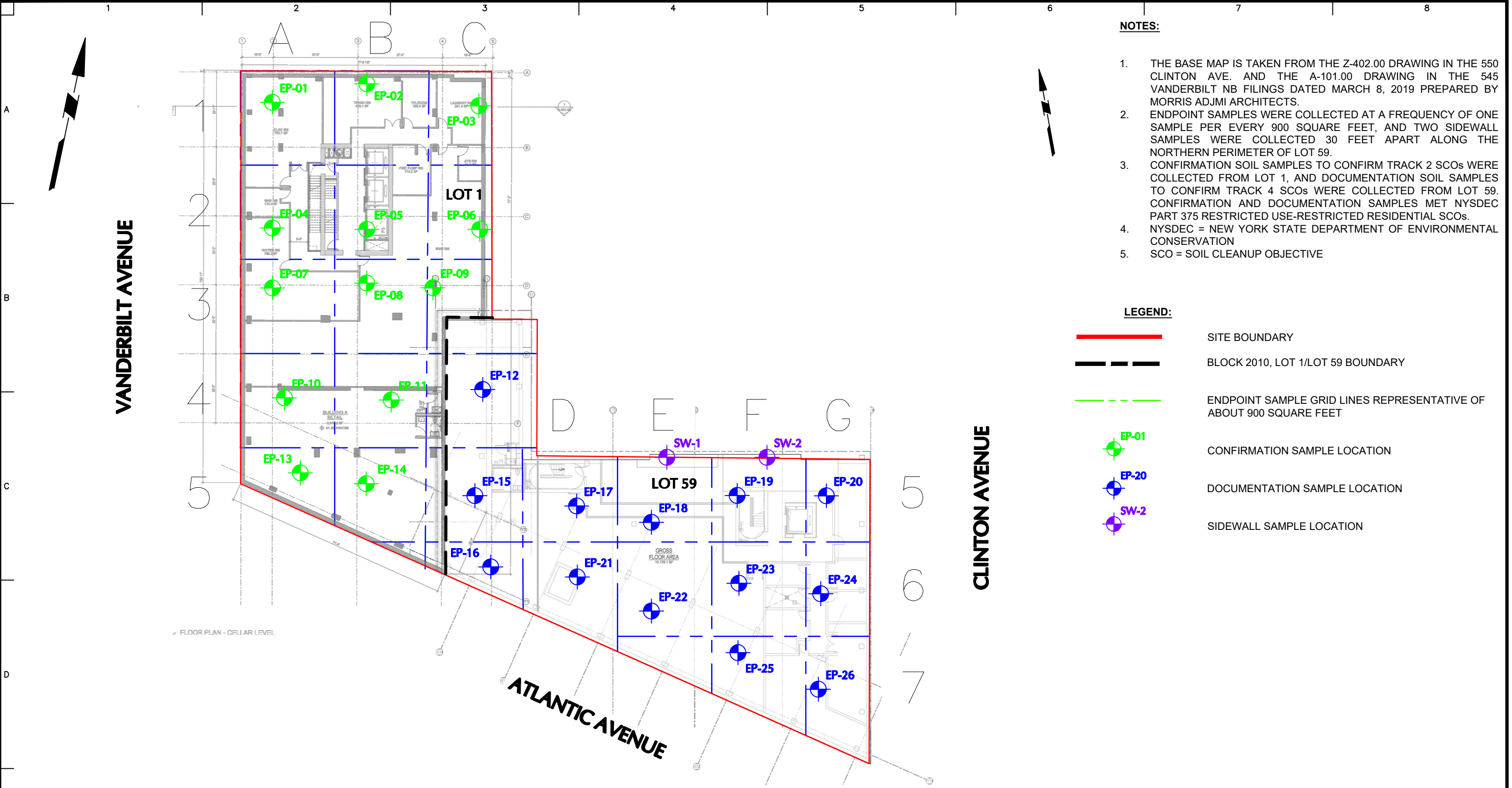
LEGEND:

SITE BOUNDARY

BLOCK 2010, LOT 1/LOT 59 BOUNDARY

SB-114_SWN_6-7

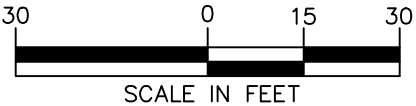
HAZARDOUS LEAD HOT SPOT POST-EXCAVATION
CONFIRMATION SAMPLE LOCATION



- NOTES:**
- 1. THE BASE MAP IS TAKEN FROM THE Z-402.00 DRAWING IN THE 550 CLINTON AVE. AND THE A-101.00 DRAWING IN THE 545 VANDERBILT NB FILINGS DATED MARCH 8, 2019 PREPARED BY MORRIS ADJMI ARCHITECTS.
 - 2. ENDPOINT SAMPLES WERE COLLECTED AT A FREQUENCY OF ONE SAMPLE PER EVERY 900 SQUARE FEET, AND TWO SIDEWALL SAMPLES WERE COLLECTED 30 FEET APART ALONG THE NORTHERN PERIMETER OF LOT 59.
 - 3. CONFIRMATION SOIL SAMPLES TO CONFIRM TRACK 2 SCOs WERE COLLECTED FROM LOT 1, AND DOCUMENTATION SOIL SAMPLES TO CONFIRM TRACK 4 SCOs WERE COLLECTED FROM LOT 59. CONFIRMATION AND DOCUMENTATION SAMPLES MET NYSDEC PART 375 RESTRICTED USE-RESTRICTED RESIDENTIAL SCOs.
 - 4. NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 - 5. SCO = SOIL CLEANUP OBJECTIVE

- LEGEND:**
- SITE BOUNDARY
 - BLOCK 2010, LOT 1/LOT 59 BOUNDARY
 - ENDPOINT SAMPLE GRID LINES REPRESENTATIVE OF ABOUT 900 SQUARE FEET
 - CONFIRMATION SAMPLE LOCATION
 - DOCUMENTATION SAMPLE LOCATION
 - SIDEWALL SAMPLE LOCATION

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.



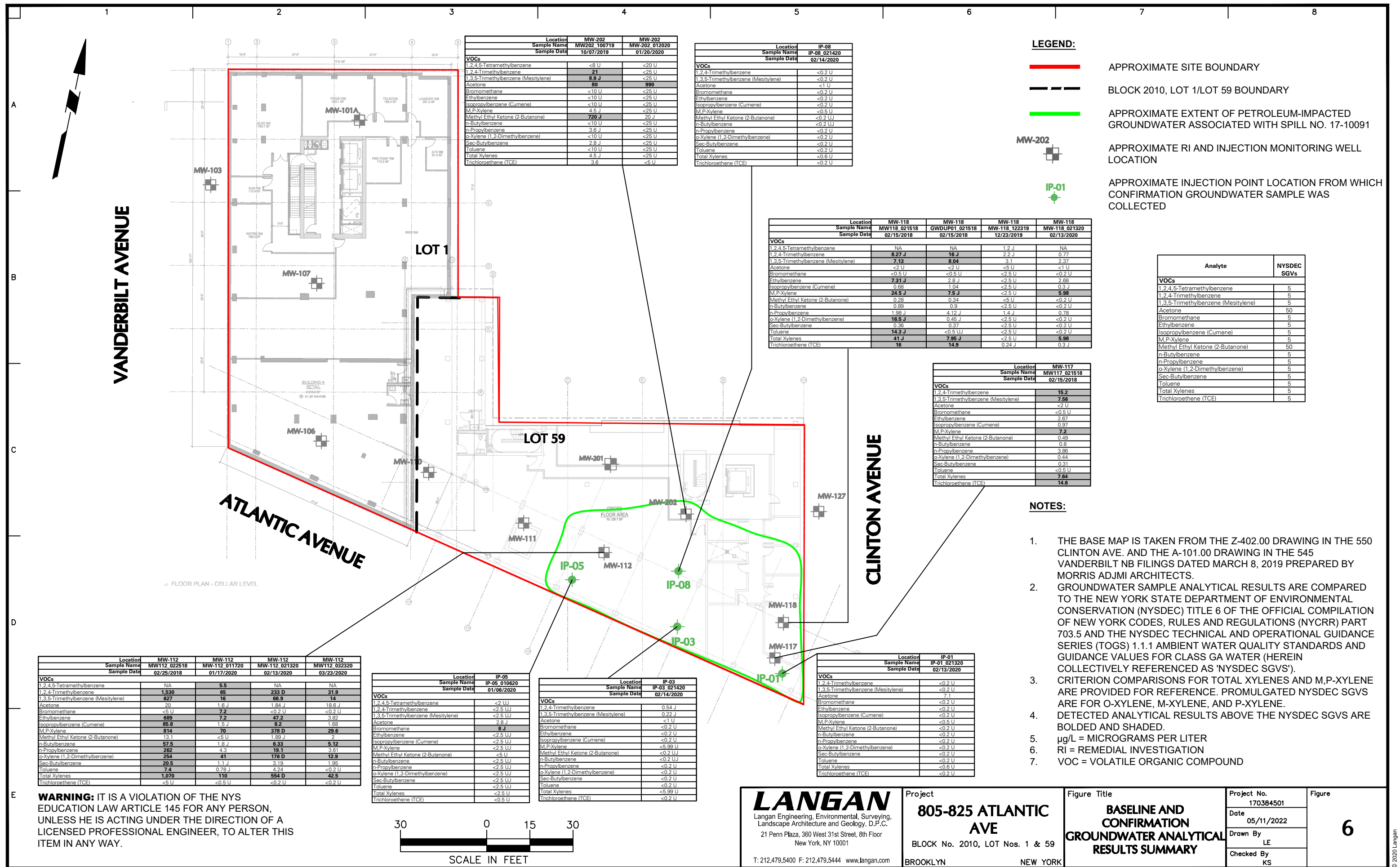
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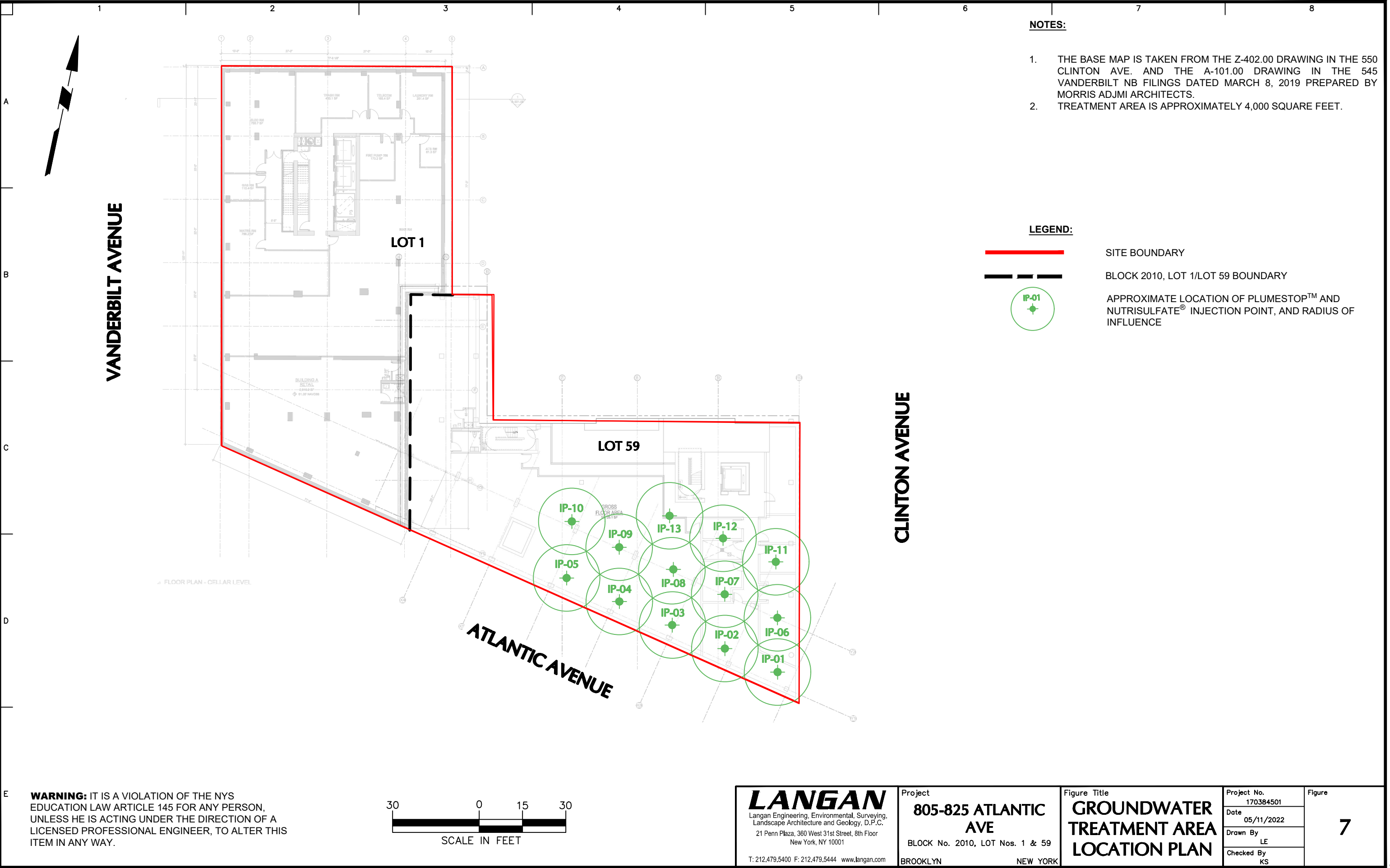
Project
805-825 ATLANTIC AVE
BLOCK No. 2010, LOT Nos. 1 & 59
BROOKLYN NEW YORK

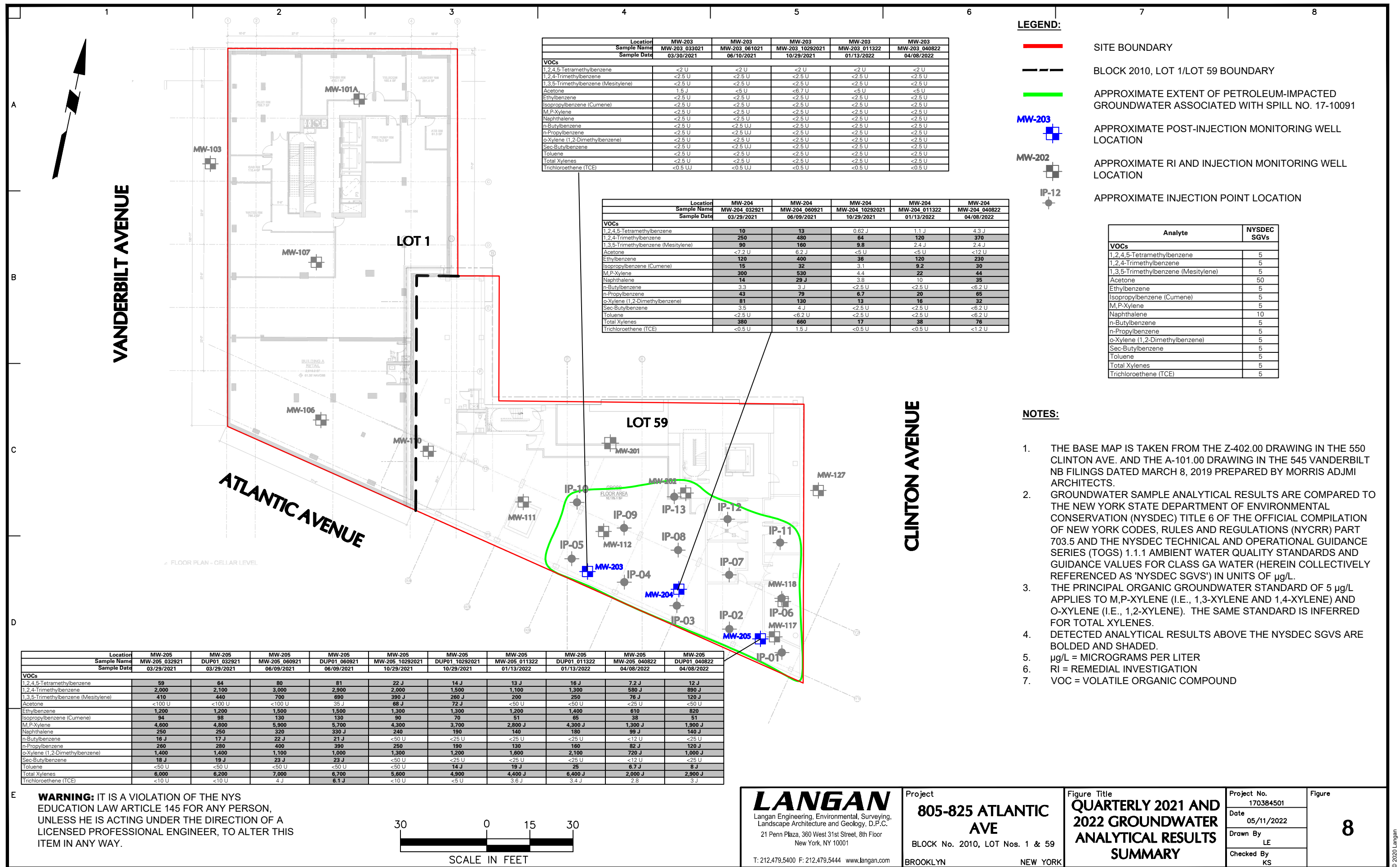
Figure Title
DOCUMENTATION AND CONFIRMATION SAMPLE LOCATION PLAN

Project No.	170384501
Date	05/11/2022
Drawn By	JG
Checked By	KS

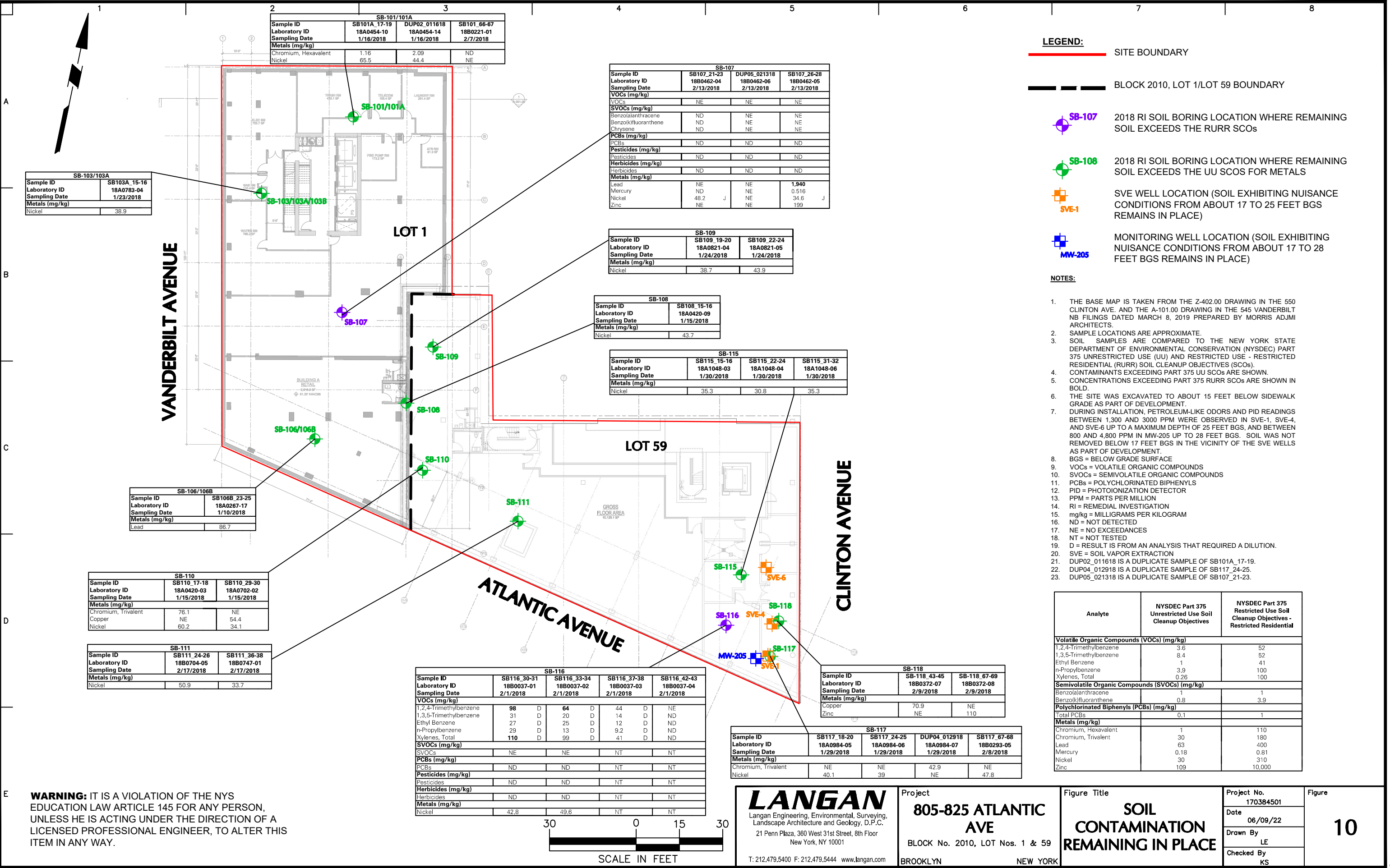
Figure
5











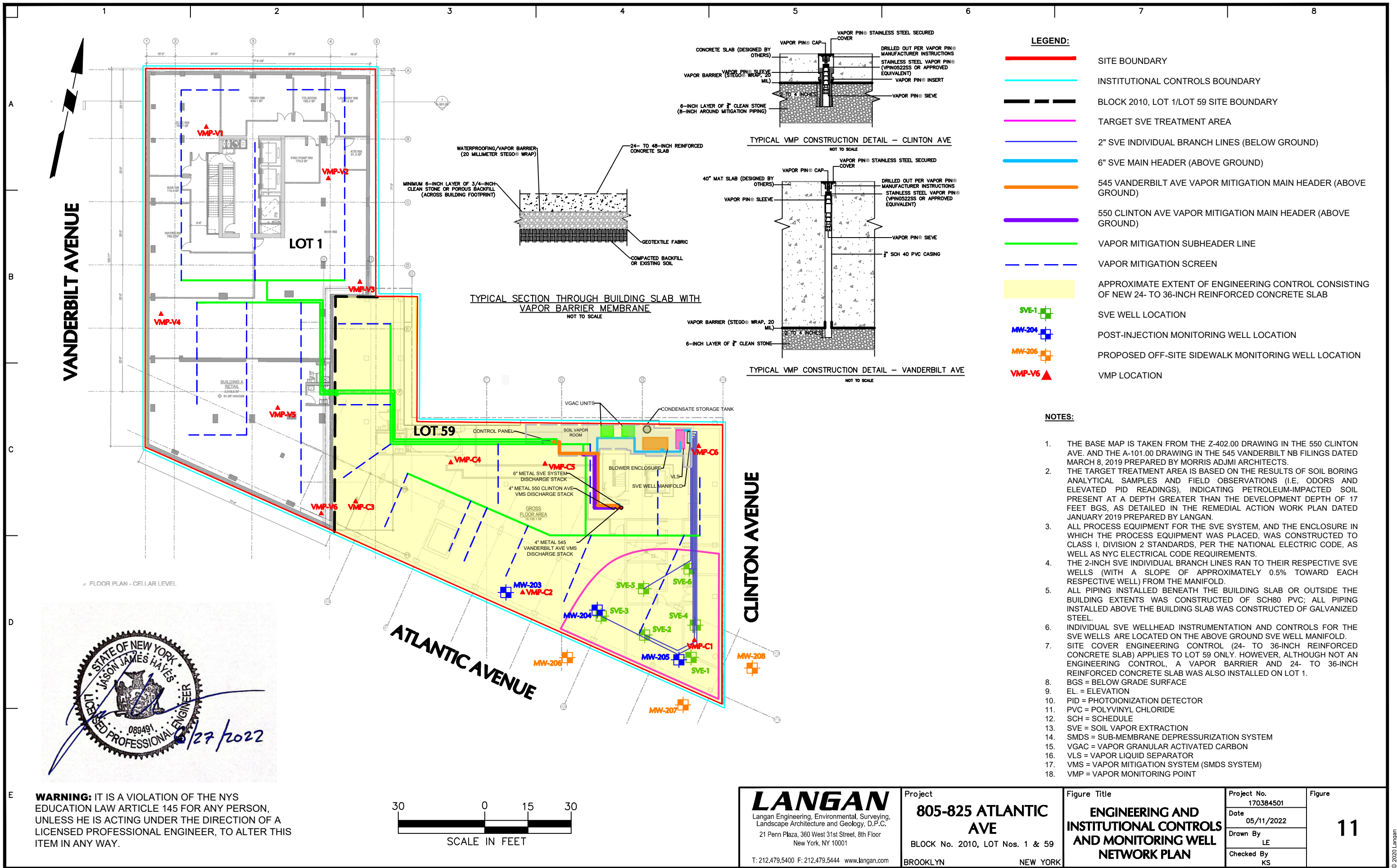
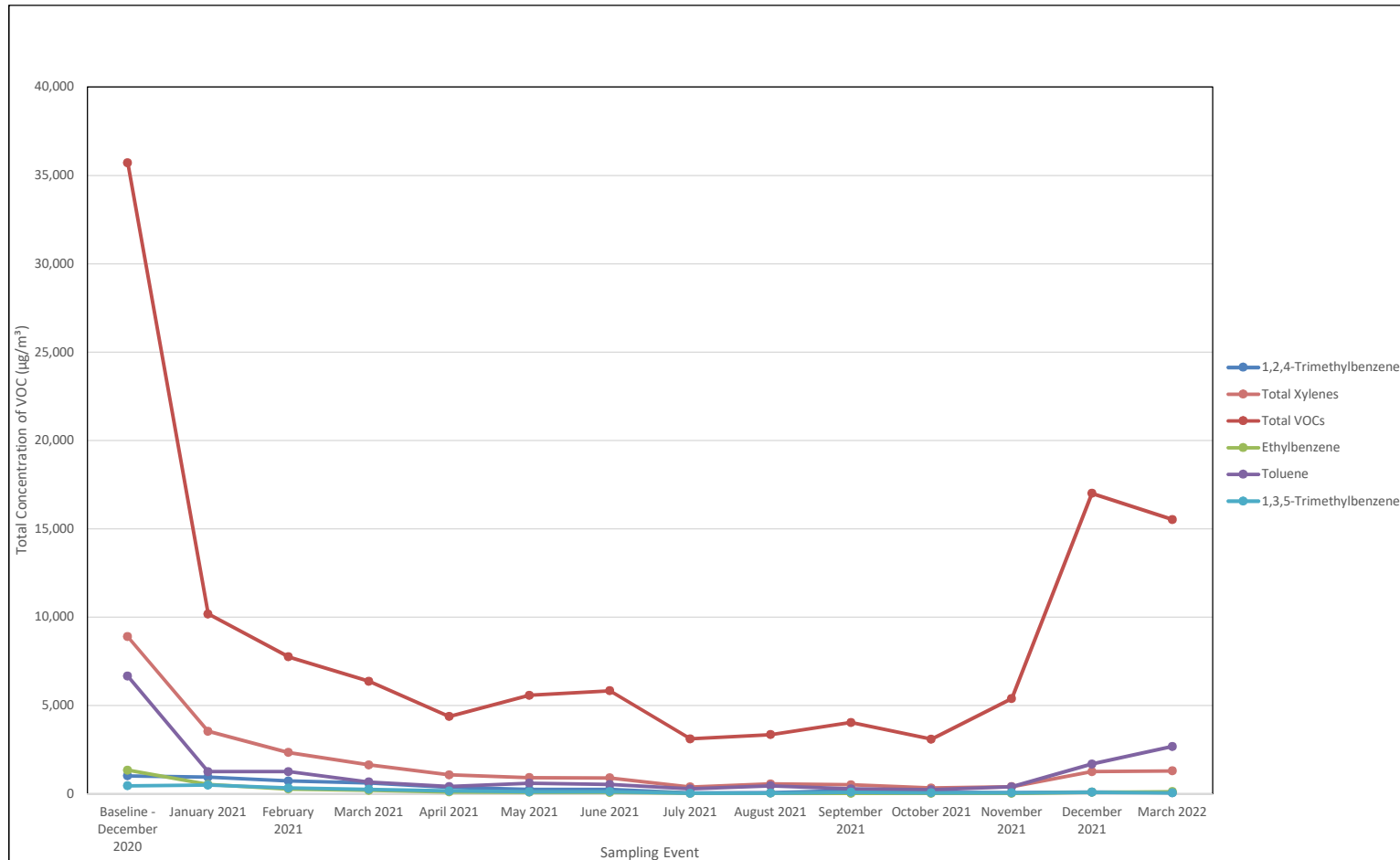


Figure 12
Soil VOC Concentration Trends

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501



Notes:

1. SVE system startup, optimization, and baseline sampling occurred in December 2020.
2. 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, toluene, and total xylenes were identified as remaining contaminants in soil based on detections above the NYSDEC Part 375 Restricted Use Restricted-Residential and/or Protection of Groundwater (PG) Soil Cleanup Objectives (SCOs) during the 2018 Remedial Investigation. N-propylbenzene was also detected above the Protection of Groundwater SCOs, but was not analyzed in the influent samples.
3. NYSDEC = New York State Department of Environmental Conservation
4. SVE = Soil vapor extraction
5. µg/m³ = micrograms per cubic meter
6. VOC = Volatile organic compound

TABLES

Table 1 Community Air Monitoring Plan Exceedance Summary				
805-825 Atlantic Avenue Brooklyn, New York BCP No. C224228 Langan Project No.: 170384501				
Date	Time	Type (VOC or PM)	Reason	Actions
CAMP EXCEEDANCE SUMMARY				
1/22/2020	12:29-12:43	PM	Localized dust generated by movement of the drill.	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
1/23/2020	7:43-7:56	PM	Localized dust generated by movement of the drill.	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
2/1/2020	10:17-10:18	PM	Localized dust generated by concrete chopping activity.	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
3/2/2020	11:58-12:12	PM	Localized dust generated by the entrance, exit, and offload of concrete delivery trucks	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
3/16/2020	11:50-11:54	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
3/25/2020	8:43-8:47	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
3/27/2020	8:16	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
4/7/2020	7:40-7:47	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
4/21/2020	10:59-11:11	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
4/22/2020	13:52-14:07	VOC	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
4/23/2020	10:07-10:22	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
4/29/2020	9:10-9:16	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
	15:52-15:59	PM		
5/15/2020	15:13-15:27	PM	DW1 station knocked over by an excavator.	None - subsequent 1-minute readings declined below action level.
5/18/2020	11:52-12:22	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
	12:28-12:29	PM		
5/20/2020	8:44-8:57	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
5/28/2020	14:03-14:14	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
6/2/2020	11:44-11:58	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
6/3/2020	7:30-7:41	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
6/4/2020	7:22-7:50	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
6/5/2020	8:05-8:18	PM	Localized welding and sweeping, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
	8:22	PM		
6/8/2020	12:08-12:11	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
	12:44-12:46	PM		
	12:49-12:50	PM		
6/9/2020	7:28-7:48	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
6/16/2020	9:00-9:01	PM	NA	The unit was recalibrated and placed back in service.
6/23/2020	9:26-9:41	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
	10:01-10:29	PM		
8/11/2020	10:25-10:28	PM	Localized welding, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
8/15/2020	9:19-9:41	PM	Localized welding and equipment or materials movement, not indicative of intrusive activities.	Work was paused and resumed once particulate concentrations fell below the action levels.
8/17/2020	7:35-7:47	PM	Localized welding and equipment or materials movement, not indicative of intrusive activities.	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
8/21/2020	8:48-9:03	PM	Dust generated by truck traffic into the site.	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
9/1/2020	7:47-7:50	VOC	Excavation and stockpiling of petroleum-impacted material.	Work was paused and the Contractor covered stockpiled material with a tarp. Work resumed once particulate concentrations fell below the action levels.
9/15/2020	12:39-12:56	PM	localized dust generated by excavation activity	Work was paused and the Contractor sprayed water to mitigate dust. Work resumed once particulate concentrations fell below the action levels.
9/19/2020	11:51-12:04	PM	Localized welding, not indicative of intrusive activities.	The station was relocated about 7 feet farther downwind to reduce interference from welding activity and subsequent readings declined. Work resumed once particulate concentrations fell below the action levels.

CAMP MALFUNCTION SUMMARY				
1/27/2020	Work Day	PM & VOC	Telemetry system malfunction. No data recorded at UW and DW stations.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.
1/30/2020	11:02-11:38	PM & VOC	Telemetry system malfunction. No data recorded at UW and DW stations.	Equipment was recalibrated.
1/31/2020	Work Day	PM & VOC	Telemetry system malfunction. No data recorded at DW station.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.
2/18/2020	7:27-9:49	PM & VOC	Telemetry system malfunction. No data recorded at DW1 and DW2 stations.	A technician from the equipment manufacturer was called to the site and the telemetry system was repaired
3/4/2020	10:24-12:10	PM & VOC	Broken omni directional inlet at UW station.	Once the replacement part was delivered, the upwind CAMP station resumed recording.
3/25/2020	11:53-12:30	PM & VOC	Telemetry system malfunction. No data recorded at DW2 station.	A technician from the equipment manufacturer was called and remotely repaired the telemetry system.
4/6/2020	NA	PM	The DW2 particulate monitoring device recorded negative concentrations sporadically throughout the day due to a calibration error	A technician was alerted of the problem and the unit will be repaired before the next working day
6/3/2020	9:17-11:16	PM & VOC	Telemetry system malfunction. No data recorded at DW1 station.	Upon identifying the equipment errors, the units were re-calibrated and place back in service.
	11:17-13:06	PM & VOC	Telemetry system malfunction. No data recorded at DW2 station.	
6/24/2020	9:02-13:12	PM & VOC	Telemetry system malfunction. No data recorded at UW station.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.
	10:39-13:10	PM & VOC	Telemetry system malfunction. No data recorded at DW2 station.	
9/3/2020	9:01-10:59	PM & VOC	Telemetry system malfunction. No data recorded at UW station.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.
	12:41-End of Work Day	PM & VOC		
9/9/2020	8:57-12:00	PM	The DW1 CAMP station was turned off due to a broken omni-directional inlet.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.
9/19/2020	Work Day	VOC	Telemetry system malfunction. No data recorded at DW1 station.	A technician from the CAMP equipment manufacturer will be onsite to repair the telemetry system on the following work day.

Notes:
CAMP = Community Air Monitoring Program
VOC = Volatile organic compound
PM = Particulate matter less than 10 microns in diameter
NA = Not Applicable
UW = Upwind
DW = Downwind

Table 2
Soil Cleanup Objectives (SCOs)

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project Number. 170384501

VOCS (mg/kg)	
1,1,1-Trichloroethane	100
1,1-Dichloroethane	26
1,1-Dichloroethene	100
1,2,4-Trimethylbenzene	52
1,2-Dichlorobenzene	100
1,2-Dichloroethane	3.1
1,3,5-Trimethylbenzene (Mesitylene)	52
1,3-Dichlorobenzene	49
1,4-Dichlorobenzene	13
1,4-Dioxane (P-Dioxane)	13
Acetone	100
Benzene	4.8
Carbon Tetrachloride	2.4
Chlorobenzene	100
Chloroform	49
Cis-1,2-Dichloroethene	100
Ethylbenzene	41
Methyl Ethyl Ketone (2-Butanone)	100
Methylene Chloride	100
Naphthalene	100
n-Butylbenzene	12
n-Propylbenzene	100
Sec-Butylbenzene	100
T-Butylbenzene	100
Tert-Butyl Methyl Ether	100
Tetrachloroethene (PCE)	19
Toluene	100
Total Xylenes	100
Trans-1,2-Dichloroethene	100
Trichloroethene (TCE)	21
Vinyl Chloride	0.9
SVOCS (mg/kg)	
1,2-Dichlorobenzene	100
1,3-Dichlorobenzene	49
1,4-Dichlorobenzene	13
1,4-Dioxane (P-Dioxane)	13
2-Methylphenol (o-Cresol)	100
Acenaphthene	100
Acenaphthylene	100
Anthracene	100
Benzo(a)Anthracene	1
Benzo(a)Pyrene	1
Benzo(b)Fluoranthene	1
Benzo(g,h,i)Perylene	100
Benzo(k)Fluoranthene	1
Chrysene	3.9
Dibenz(a,h)Anthracene	0.33
Dibenzofuran	59
Fluoranthene	100
Fluorene	100
Hexachlorobenzene	1.2
Indeno(1,2,3-c,d)Pyrene	0.5
Naphthalene	100
Pentachlorophenol	6.7
Phenanthrene	100
Phenol	100
Pyrene	100

Pesticides (mg/kg)	
4,4'-DDD	13
4,4'-DDE	8.9
4,4'-DDT	7.9
Aldrin	0.097
Alpha BHC (Alpha Hexachlorocyclohexane)	0.48
Alpha Chlordane	4.2
Alpha Endosulfan	24
Beta Bhc (Beta Hexachlorocyclohexane)	0.36
Beta Endosulfan	24
Delta Bhc (Delta Hexachlorocyclohexane)	100
Dieldrin	0.2
Endosulfan Sulfate	24
Endrin	11
Gamma Bhc (Lindane)	1.3
Heptachlor	2.1
Herbicides (mg/kg)	
Silvex (2,4,5-Tp)	100
Polychlorinated Biphenyls (mg/kg)	
Total PCBs	1
Inorganics (mg/kg)	
Arsenic	16
Barium	400
Beryllium	72
Cadmium	4.3
Chromium, Hexavalent	110
Chromium, Trivalent	180
Copper	270
Cyanide	27
Lead	400
Manganese	2,000
Mercury	0.81
Nickel	310
Selenium	180
Silver	180
Zinc	10,000

Notes:

- 1. SCO = Soil Cleanup Objective
- 2. SVOC = semivolatile organic compound
- 3. VOC = volatile organic compound
- 4. PCB = polychlorinated biphenyl
- 5. mg/kg = milligram per kilogram
- 6. SCO values are the Restricted Use - Restricted Residential Soil Cleanup Objectives and apply to both the Track 2 and Track 4 cleanups on Block 2010, Lots 1 and 59, respectively.

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:	808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	Soil Broker: Job#:	N/A 170384501
Republic Environmental Systems, LLC (Stericycle)	3	Loads	50.34	CY	Hazardous Soil	70.48		
US Ecology (York)	35	Loads	597.63	CY	Hazardous Soil	836.68		
Bayshore Soil Management	271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22		
NJ Zinc - West Plant (Palmerton)	448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63		
Taylor's Lane Reclamation Project	51	Loads	1224.08	CY	Clean Fill	1713.71		
						Total Tons	24059.72	

Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
1	1	12/17/2019	DI Trucking	6	NJ AW573C	Stericycle	013801712 FLE		Haz-Soil	SB-114	23	17.95	550 Clinton
2	2	12/17/2019	DI Trucking	7	AW399D	Stericycle	013801714 FLE		Haz-Soil	SB-114	23	27.32	550 Clinton
3	3	12/17/2019	DI Trucking	11	AR 713H	Stericycle	013801713 FLE		Haz-Soil	SB-114	23	25.21	550 Clinton
4	1	1/7/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109374		Non-Haz Soil	WC05 (0-6)	23	27.45	550 Clinton
5	2	1/7/2020	D&A Contracting LLC	39	NJ AU520N	Bayshore Soil Management	109375		Non-Haz Soil	WC05 (0-6)	23	35.67	550 Clinton
6	3	1/7/2020	D&A Contracting LLC	35	NJ AU522N	Bayshore Soil Management	109376		Non-Haz Soil	WC05 (0-6)	23	28.55	550 Clinton
7	4	1/7/2020	D&A Contracting LLC	35	NJ AU522N	Bayshore Soil Management	109377		Non-Haz Soil	WC05 (0-6)	23	35.16	550 Clinton
8	6	1/7/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109371		Non-Haz Soil	WC05 (0-6)	23	33.14	550 Clinton
9	7	1/7/2020	D&A Contracting LLC	39	NJ AU22N	Palmerton	750062		Non-Haz Soil	WC05 (0-6)	23	26.17	550 Clinton
10	7	1/7/2020	D&A Contracting LLC	49	NJ AU329Y	Palmerton	750063		Non-Haz Soil	WC05 (0-6)	23	29.90	550 Clinton
11	8	1/7/2020	D&A Contracting LLC	42	NJ AU273U	Palmerton	750064		Non-Haz Soil	WC05 (0-6)	23	27.24	550 Clinton
12	9	1/7/2020	D&A Contracting LLC	10	NJ AU537X	Palmerton	750065		Non-Haz Soil	WC05 (0-6)	23	27.27	550 Clinton
13	10	1/7/2020	D&A Contracting LLC	24	NJ AT715T	Palmerton	750066		Non-Haz Soil	WC05 (0-6)	23	22.00	550 Clinton
14	11	1/7/2020	D&A Contracting LLC	15	NJ AT532X	Palmerton	750067		Non-Haz Soil	WC05 (0-6)	23	27.54	550 Clinton
15	12	1/7/2020	D&A Contracting LLC	7	NJ AU824A	Palmerton	750068		Non-Haz Soil	WC05 (0-6)	23	30.81	550 Clinton
16	13	1/7/2020	D&A Contracting LLC	44	NJ AU825V	Palmerton	750069		Non-Haz Soil	WC05 (0-6)	23	26.10	550 Clinton
17	14	1/7/2020	D&A Contracting LLC	47	NJ AW860D	Palmerton	750070		Non-Haz Soil	WC05 (0-6)	23	27.68	550 Clinton
18	15	1/7/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	750071		Non-Haz Soil	WC05 (0-6)	23	36.23	550 Clinton
19	1	1/8/2020	Mendez Trucking	36	NJ AW837F	Palmerton	750072		Non-Haz Soil	WC04(0-6)	23	24.17	550 Clinton
20	2	1/8/2020	Mendez Trucking	10	NJ AT556B	Palmerton	750073		Non-Haz Soil	WC04(0-6)	23	22.12	550 Clinton
21	3	1/8/2020	Mendez Trucking	28	NJ AU550Z	Palmerton	750074		Non-Haz Soil	WC04(0-6)	23	22.38	550 Clinton
22	4	1/8/2020	Mendez Trucking	288	NJ AS763L	Palmerton	750075		Non-Haz Soil	WC04(0-6)	23	25.52	550 Clinton
23	5	1/8/2020	Mendez Trucking	29	NJ AP256H	Palmerton	750076		Non-Haz Soil	WC04(0-6)	23	23.23	550 Clinton
24	6	1/8/2020	Mendez Trucking	91	NJ AN556Y	Palmerton	750077		Non-Haz Soil	WC04(0-6)	23	26.51	550 Clinton
25	7	1/8/2020	Mendez Trucking	45	NJ AS531D	Palmerton	750078		Non-Haz Soil	WC04(0-6)	23	27.21	550 Clinton
26	8	1/8/2020	Mendez Trucking	55	NJ AS520B	Palmerton	750079		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	27.08	550 Clinton
27	9	1/8/2020	Mendez Trucking	41	NJ AS986S	Palmerton	750080		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	27.39	550 Clinton
28	10	1/8/2020	Mendez Trucking	43	NJ AT557B	Palmerton	750081		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	26.07	550 Clinton
29	11	1/8/2020	Mendez Trucking	88	NJ AS353M	Palmerton	750082		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	25.88	550 Clinton
30	12	1/8/2020	Mendez Trucking	22	NJ AW611B	Palmerton	750083		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	24.22	550 Clinton
31	13	1/8/2020	Mendez Trucking	58	NJ AU937Z	Palmerton	750084		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	26.18	550 Clinton
32	14	1/8/2020	Mendez Trucking	57	NJ AS269R	Palmerton	750085		Non-Haz Soil	WC04(0-6), WC05(0-6)	23	26.28	550 Clinton
33	1	2/4/2020	DI Trucking	65	NJ AT591Y	US Ecology (York)	013546700 FLE		Haz-Soil	SB-107A	23	25.68	539 Vanderbilt
34	2	2/4/2020	DI Trucking	37	NJ AU742M	US Ecology (York)	013546701 FLE		Haz-Soil	SB-107A	23	26.00	539 Vanderbilt
35	3	2/4/2020	J&D Trucking	8	NJ AU722V	US Ecology (York)	013546702 FLE		Haz-Soil	SB-107A	23	24.60	539 Vanderbilt
36	4	2/4/2020	J&D Trucking	2	NJ AU221V	US Ecology (York)	013546703 FLE		Haz-Soil	SB-107A	23	25.18	539 Vanderbilt
37	5	2/4/2020	J&D Trucking	13	NJ AI986H	US Ecology (York)	013546704 FLE		Haz-Soil	SB-107A	23	22.27	539 Vanderbilt
38	6	2/4/2020	J&D Trucking	19	NJ AT899H	US Ecology (York)	013546705 FLE		Haz-Soil	SB-107A	23	26.72	539 Vanderbilt
39	1	2/5/2020	Horwith Trucking	448	PA AF73716	US Ecology (York)	013546706 FLE		Haz-Soil	SB-107A	23	22.21	539 Vanderbilt
40	2	2/5/2020	Horwith Trucking	442	PA AF55307	US Ecology (York)	013546707 FLE		Haz-Soil	SB-107A	23	20.68	539 Vanderbilt
41	3	2/5/2020	J&D Trucking	19	NJ AT899H	US Ecology (York)	013546708 FLE		Haz-Soil	SB-107A	23	20.77	539 Vanderbilt
42	4	2/5/2020	J&D Trucking	13	NJ AT896H	US Ecology (York)	013546709 FLE		Haz-Soil	SB-107A	23	25.22	539 Vanderbilt
43	5	2/5/2020	J&D Trucking	5	NJ AT902H	US Ecology (York)	013546710 FLE		Haz-Soil	SB-107A	23	24.30	539 Vanderbilt
44	1	2/6/2020	Horwith Trucking	448	PA AF73716	US Ecology (York)	013546711 FLE		Haz-Soil	WP-SB-01	23	24.58	539 Vanderbilt
45	2	2/6/2020	Horwith Trucking	442	PA AF55307	US Ecology (York)	013546712 FLE		Haz-Soil	WP-SB-01	23	21.46	539 Vanderbilt
46	3	2/6/2020	J&D Trucking	13	NJ AT896H	US Ecology (York)	013546713 FLE		Haz-Soil	WP-SB-01	23	25.05	539 Vanderbilt
47	1	2/12/2020	J&D Trucking	19	NJ AT899H	US Ecology (York)	013546715 FLE		Haz-Soil	WP-SB-01	23	23.35	539 Vanderbilt
48	2	2/12/2020	J&D Trucking	13	NJ AT896H	US Ecology (York)	013546716 FLE		Haz-Soil	WP-SB-01 & SB-107	23	26.39	539 Vanderbilt
49	3	2/12/2020	Horwith Trucking	50	NJ AT656M	US Ecology (York)	013546717 FLE		Haz-Soil	WP-SB-01 & SB-108	23	25.50	539 Vanderbilt
50	4	2/12/2020	Horwith Trucking	427	PA AG74086	US Ecology (York)	013546718 FLE		Haz-Soil	WP-SB-01 & SB-109	23	21.95	539 Vanderbilt
51	5	2/12/2020	J&D Trucking	5	NJ AT902H	US Ecology (York)	013546719 FLE		Haz-Soil	WP-SB-01 & SB-110	23	25.17	539 Vanderbilt
52	6	2/12/2020	J&D Trucking	1	NJ AU219V	US Ecology (York)	013546762 FLE		Haz-Soil	WP-SB-01 & SB-111	23	22.62	539 Vanderbilt
53	1	2/13/2020	J&D Trucking	19	NJ AT899H	US Ecology (York)	013795753 FLE		Haz-Soil	WP-SB-01 & SB-107	23	25.92	539 Vanderbilt
54	2	2/13/2020	J&D Trucking	13	NJ AT896H	US Ecology (York)	013795754 FLE		Haz-Soil	WP-SB-01 & SB-107	23	26.58	539 Vanderbilt
55	3	2/13/2020	J&D Trucking	1	NJ AU219V	US Ecology (York)	013795755 FLE		Haz-Soil	WP-SB-01 & SB-107	23	23.47	539 Vanderbilt
56	4	2/13/2020	Horwith Trucking	445	PA AG61763	US Ecology (York)	013795758 FLE		Haz-Soil	WP-SB-01 & SB-107	23	23.59	539 Vanderbilt
57	5	2/13/2020	Horwith Trucking	427	PA AG74086	US Ecology (York)	013795759 FLE		Haz-Soil	WP-SB-01 & SB-107	23	23.73	539 Vanderbilt
58	6	2/13/2020	J&D Trucking	5	NJ AT902H	US Ecology (York)	013795761 FLE		Haz-Soil	WP-SB-01 & SB-107	23	23.36	539 Vanderbilt
59	1	2/14/2020	Horwith Trucking	448	PA AF73716	US Ecology (York)	013795752 FLE		Haz-Soil	WP-SB-01 & SB-107	23	21.26	539 Vanderbilt
60	2	2/14/2020	Horwith Trucking	442	PA AF55307	US Ecology (York)	013795751 FLE		Haz-Soil	WP-SB-01 & SB-107	23	20.85	539 Vanderbilt
61	3	2/14/2020	Horwith Trucking	150	NJ AT656M	US Ecology (York)	013795750 FLE		Haz-Soil	WP-SB-01 & SB-107	23	25.37	539 Vanderbilt
62	1	2/17/2020	Horwith Trucking	441	PA AG91382	US Ecology (York)	013795744 FLE		Haz-Soil	WP-SB-01 & SB-107	23	25.23	539 Vanderbilt
63	2	2/17/2020	Horwith Trucking	446	PA AF55307	US Ecology (York)	013795745 FLE		Haz-Soil	WP-SB-01 & SB-107	23	23.14	539 Vanderbilt
64	3	2/17/2020	Horwith Trucking	442	PA AF55307	US Ecology (York)	013795749 FLE		Haz-Soil	WP-SB-01 & SB-107	23	26.44	539 Vanderbilt
65	4	2/17/2020	Horwith Trucking	50	NJ AT656M	US Ecology (York)	013795790 FLE		Haz-Soil	WP-SB-01 & SB-107	23	22.82	539 Vanderbilt
66	1	2/25/2020	Horwith Trucking	448	PA AF73716	US Ecology (York)	013795791 FLE		Haz-Soil	WP-SB-01 & SB-107	23	25.76	539 Vanderbilt
67	2	2/25/2020	Horwith Trucking	442	PA AF55307	US Ecology (York)	013795792 FLE		Haz-Soil	WP-SB-01 & SB-107	23	19.46	539 Vanderbilt

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:	808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	Soil Broker: Job#:	N/A 170384501
Republic Environmental Systems, LLC (Stericycle)	3	Loads	50.34	CY	Hazardous Soil	70.48		
US Ecology (York)	35	Loads	597.63	CY	Hazardous Soil	836.68		
Bayshore Soil Management	271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22		
NJ Zinc - West Plant (Palmerston)	448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63		
Taylor's Lane Reclamation Project	51	Loads	1224.08	CY	Clean Fill	1713.71		
					Total Tons	24059.72		

Transporter Info						Waste Tracking							Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)	
68	1	3/12/2020	CF Brothers Transportation	45	NJ AW777M	Palmerston	750061	Non-Haz Soil		WC01_0-6	23	29.32	539 Vanderbilt	
69	2	3/12/2020	Serpa Express LLC	2	NJ AS443X	Palmerston	750060	Non-Haz Soil		WC01_0-6	23	35.53	539 Vanderbilt	
70	3	3/12/2020	CF Brothers Transportation	14	NJ AW132B	Palmerston	750059	Non-Haz Soil		WC01_0-6	23	28.57	539 Vanderbilt	
71	4	3/12/2020	Cabrera Transport LLC	11	NJ AW472E	Palmerston	750058	Non-Haz Soil		WC01_0-6	23	32.32	539 Vanderbilt	
72	5	3/12/2020	CF Brothers Transportation	10	NJ AT195P	Palmerston	750057	Non-Haz Soil		WC01_0-6	23	26.18	539 Vanderbilt	
73	6	3/12/2020	ARV Transport LLC	12	NJ AW168D	Palmerston	750056	Non-Haz Soil		WC01_0-6	23	30.48	539 Vanderbilt	
74	7	3/12/2020	D&A Contracting LLC	20	NJ AT880N	Palmerston	749900	Non-Haz Soil		WC01_0-6	23	29.60	539 Vanderbilt	
75	8	3/12/2020	Jencar Trucking	68	NJ AP812A	Palmerston	749899	Non-Haz Soil		WC01_0-6	23	27.70	539 Vanderbilt	
76	9	3/12/2020	Jencar Trucking	75	NJ AT318P	Palmerston	749898	Non-Haz Soil		WC01_0-6	23	25.58	539 Vanderbilt	
77	10	3/12/2020	TEV Trucking	13	NJ AR491G	Palmerston	749897	Non-Haz Soil		WC01_0-6	23	32.53	539 Vanderbilt	
78	11	3/12/2020	TEV Trucking	8	NJ AR494G	Palmerston	749896	Non-Haz Soil		WC01_0-6	23	29.12	539 Vanderbilt	
79	12	3/12/2020	TEV Trucking	3	NJ AT941T	Palmerston	749895	Non-Haz Soil		WC01_0-6	23	24.13	539 Vanderbilt	
80	13	3/12/2020	Jencar Trucking	57	NJ AU467C	Palmerston	749894	Non-Haz Soil		WC01_0-6	23	25.37	539 Vanderbilt	
81	14	3/12/2020	Jencar Trucking	56	NJ AU313C	Palmerston	749893	Non-Haz Soil		WC01_0-6	23	26.24	539 Vanderbilt	
82	15	3/12/2020	Jencar Trucking	65	NJ AW431C	Palmerston	749892	Non-Haz Soil		WC01_0-6	23	25.40	539 Vanderbilt	
83	16	3/12/2020	TEV Trucking	11	NJ AR499G	Palmerston	749891	Non-Haz Soil		WC01_0-6	23	30.31	539 Vanderbilt	
84	17	3/12/2020	D&A Contracting LLC	49	NJ AU329Y	Palmerston	749890	Non-Haz Soil		WC01_0-6	23	29.55	539 Vanderbilt	
85	18	3/12/2020	SVA Trucking	10	NJ AW956L	Palmerston	749889	Non-Haz Soil		WC01_0-6	23	30.77	539 Vanderbilt	
86	19	3/12/2020	SVA Trucking	11	NJ AW957L	Palmerston	749888	Non-Haz Soil		WC01_0-6	23	30.68	539 Vanderbilt	
87	20	3/12/2020	TEV Trucking	9	NJ AM714Y	Palmerston	749887	Non-Haz Soil		WC01_0-6	23	28.53	539 Vanderbilt	
88	21	3/12/2020	HD Logistics	2	NJ AU942R	Palmerston	750053	Non-Haz Soil		WC01_0-6	23	28.12	539 Vanderbilt	
89	22	3/12/2020	Jencar Trucking	1	NJ AW107M	Palmerston	750054	Non-Haz Soil		WC01_0-6	23	29.18	539 Vanderbilt	
90	23	3/12/2020	D&A Contracting LLC	24	NJ AT715T	Palmerston	750055	Non-Haz Soil		WC01_0-6	23	24.92	539 Vanderbilt	
91	24	3/12/2020	HD Logistics	3	NJ AU941R	Palmerston	749902	Non-Haz Soil		WC01_0-6, 6-11	23	30.25	539 Vanderbilt	
92	25	3/12/2020	D&A Contracting LLC	1	NJ AU983W	Palmerston	749903	Non-Haz Soil		WC01_0-6, 6-11	23	29.40	539 Vanderbilt	
93	1	3/16/2020	D&A Contracting LLC	44	NJ AU825V	Bayshore Soil Management	109378	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.28	539 Vanderbilt	
94	2	3/16/2020	D&A Contracting LLC	19	NJ AT879N	Bayshore Soil Management	109379	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.45	539 Vanderbilt	
95	3	3/16/2020	D&A Contracting LLC	13	NJ AS500Y	Bayshore Soil Management	109380	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	23.89	539 Vanderbilt	
96	4	3/16/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109381	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.97	539 Vanderbilt	
97	5	3/16/2020	D&A Contracting LLC	39	NJ AU522N	Bayshore Soil Management	109382	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	34.25	539 Vanderbilt	
98	6	3/16/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	109383	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	34.56	539 Vanderbilt	
99	7	3/16/2020	D&A Contracting LLC	45	NJ AU371W	Bayshore Soil Management	109384	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	37.86	539 Vanderbilt	
100	8	3/16/2020	D&A Contracting LLC	41	NJ AU427R	Bayshore Soil Management	109385	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.43	539 Vanderbilt	
101	9	3/16/2020	D&A Contracting LLC	34	NJ AU435J	Bayshore Soil Management	109386	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.7	539 Vanderbilt	
102	10	3/16/2020	D&A Contracting LLC	4	NJ ALU859D	Bayshore Soil Management	109387	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.74	539 Vanderbilt	
103	11	3/16/2020	D&A Contracting LLC	62	NJ AS356Y	Bayshore Soil Management	109388	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.35	539 Vanderbilt	
104	12	3/16/2020	D&A Contracting LLC	49	NJ AS329Y	Bayshore Soil Management	109389	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.72	539 Vanderbilt	
105	13	3/16/2020	D&A Contracting LLC	35	NJ AU520N	Bayshore Soil Management	109390	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.02	539 Vanderbilt	
106	14	3/16/2020	D&A Contracting LLC	24	NJ AT715T	Bayshore Soil Management	109391	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	27.51	539 Vanderbilt	
107	15	3/16/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109392	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.51	539 Vanderbilt	
108	16	3/16/2020	D&A Contracting LLC	44	NJ AU825V	Bayshore Soil Management	109393	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.63	539 Vanderbilt	
109	17	3/16/2020	D&A Contracting LLC	39	NJ AU522N	Bayshore Soil Management	109394	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.95	539 Vanderbilt	
110	18	3/16/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	109395	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.47	539 Vanderbilt	
111	19	3/16/2020	D&A Contracting LLC	4	NJ AW859D	Bayshore Soil Management	109396	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.53	539 Vanderbilt	
112	20	3/16/2020	D&A Contracting LLC	19	NJ AT879N	Bayshore Soil Management	109397	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	26.22	539 Vanderbilt	
113	21	3/16/2020	D&A Contracting LLC	13	NJ AS500Y	Bayshore Soil Management	109398	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.57	539 Vanderbilt	
114	22	3/16/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	109399	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.66	539 Vanderbilt	
115	23	3/16/2020	D&A Contracting LLC	34	NJ AU435J	Bayshore Soil Management	109400	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.8	539 Vanderbilt	
116	24	3/16/2020	Cabrera Transport LLC	1	NJ AT877P	Bayshore Soil Management	109401	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.95	539 Vanderbilt	
117	25	3/16/2020	Cabrera Transport LLC	2	NJ AT110Z	Bayshore Soil Management	109402	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.38	539 Vanderbilt	
118	26	3/16/2020	HD	3	NJ AU941R	Bayshore Soil Management	109403	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.39	539 Vanderbilt	
119	27	3/16/2020	D&A Contracting LLC	24	NJ AT715T	Bayshore Soil Management	109404	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.19	539 Vanderbilt	
120	28	3/16/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109405	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	29.67	539 Vanderbilt	
121	29	3/16/2020	D&A Contracting LLC	13	NJ AS500Y	Bayshore Soil Management	109406	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.11	539 Vanderbilt	
122	30	3/16/2020	D&A Contracting LLC	19	NJ AT979N	Bayshore Soil Management	109407	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	36.76	539 Vanderbilt	
123	31	3/16/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109408	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.1	539 Vanderbilt	
124	32	3/16/2020	D&A Contracting LLC	343	NJ AW858D	Bayshore Soil Management	109409	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.43	539 Vanderbilt	
125	33	3/16/2020	D&A Contracting LLC	53	NJ AW562C	Bayshore Soil Management	109410	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.7	539 Vanderbilt	
126	34	3/16/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	109411	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.24	539 Vanderbilt	
127	35	3/16/2020	D&A Contracting LLC	30	NJ AU739H	Bayshore Soil Management	109412	Non-Haz Soil		WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.96	539 Vanderbilt	

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:	808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	
Republic Environmental Systems, LLC (Stericycle)	3	Loads	50.34	CY	Hazardous Soil	70.48	
US Ecology (York)	35	Loads	597.63	CY	Hazardous Soil	836.68	
Bayshore Soil Management	271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22	
NJ Zinc - West Plant (Palmerston)	448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63	
Taylor's Lane Reclamation Project	51	Loads	1224.08	CY	Clean Fill	1713.71	
					Total Tons	24059.72	
							Soil Broker: N/A
							Job#: 170384501

Transporter Info						Waste Tracking					Disposal Facility Info		
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
128	1	3/17/2020	D&A Contracting LLC	39	NJ AU522N	Bayshore Soil Management	109413		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.95	539 Vanderbilt
129	2	3/17/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	109414		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.8	539 Vanderbilt
130	3	3/17/2020	D&A Contracting LLC	45	NJ AU371W	Bayshore Soil Management	109415		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	34.23	539 Vanderbilt
131	4	3/17/2020	D&A Contracting LLC	20	NJAT880N	Bayshore Soil Management	109416		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.72	539 Vanderbilt
132	5	3/17/2020	D&A Contracting LLC	17	NJ AT517L	Bayshore Soil Management	109417		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.65	539 Vanderbilt
133	6	3/17/2020	D&A Contracting LLC	9	NJ AS463U	Bayshore Soil Management	109418		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.66	539 Vanderbilt
134	7	3/17/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	109419		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	34.66	539 Vanderbilt
135	8	3/17/2020	D&A Contracting LLC	2	NJ AS356V	Bayshore Soil Management	109420		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.08	539 Vanderbilt
136	9	3/17/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	109421		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.56	539 Vanderbilt
137	10	3/17/2020	D&A Contracting LLC	39	NJ AU522N	Bayshore Soil Management	109422		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.46	539 Vanderbilt
138	1	3/19/2020	CP Trucking LLC	7	NJ AU169L	Bayshore Soil Management	113830		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	33.93	539 Vanderbilt
139	2	3/19/2020	D&A Contracting LLC	41	NJ AU427R	Bayshore Soil Management	113831		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.24	539 Vanderbilt
140	3	3/19/2020	D&A Contracting LLC	51	NJ AU674Y	Bayshore Soil Management	113832		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	29.13	539 Vanderbilt
141	4	3/19/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	113833		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.88	539 Vanderbilt
142	5	3/19/2020	D&A Contracting LLC	33	NJ AU742H	Bayshore Soil Management	113834		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	32.48	539 Vanderbilt
143	6	3/19/2020	D&A Contracting LLC	49	NJ AU329Y	Bayshore Soil Management	113835		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	28.83	539 Vanderbilt
144	7	3/19/2020	D&A Contracting LLC	343	NJ AW858D	Bayshore Soil Management	113836		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	35.01	539 Vanderbilt
145	8	3/19/2020	CP Trucking LLC	7	NJ AU169L	Bayshore Soil Management	113837		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.07	539 Vanderbilt
146	9	3/19/2020	D&A Contracting LLC	33	NJ AU742H	Bayshore Soil Management	113838		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	28.16	539 Vanderbilt
147	10	3/19/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	113839		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	28.51	539 Vanderbilt
148	11	3/19/2020	D&A Contracting LLC	49	NJ AU329Y	Bayshore Soil Management	109425		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.76	550 Clinton
149	12	3/19/2020	D&A Contracting LLC	51	NJ AU674Y	Bayshore Soil Management	109426		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	28.14	550 Clinton
150	13	3/19/2020	D&A Contracting LLC	343	NJ AW858D	Bayshore Soil Management	109427		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.84	550 Clinton
151	14	3/19/2020	D&A Contracting LLC	44	NJ AU825Y	Bayshore Soil Management	109428		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	36.58	550 Clinton
152	15	3/19/2020	D&A Contracting LLC	17	NJ AT517L	Bayshore Soil Management	109429		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	42.84	550 Clinton
153	16	3/19/2020	D&A Contracting LLC	53	NJ AW562C	Bayshore Soil Management	109430		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	38.62	550 Clinton
154	17	3/19/2020	D&A Contracting LLC	45	NJ AU371W	Bayshore Soil Management	109431		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	40.35	550 Clinton
155	18	3/19/2020	D&A Contracting LLC	33	NJ AU742H	Bayshore Soil Management	109432		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	36.26	550 Clinton
156	19	3/19/2020	D&A Contracting LLC	49	NJ AU329Y	Bayshore Soil Management	109433		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	31.14	550 Clinton
157	20	3/19/2020	D&A Contracting LLC	51	NJ AU674Y	Bayshore Soil Management	109434		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	29.56	550 Clinton
158	21	3/19/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109435		Non-Haz Soil	WC02_0-6, 6-11, 11-2 & WC03_0-6, 6-11, 11-2	23	30.8	550 Clinton
159	1	3/20/2020	D&A Contracting LLC	20	NJ AT880N	Palmerston	749904		Non-Haz Soil	WC01_0-6	23	29.77	539 Vanderbilt
160	2	3/20/2020	D&A Contracting LLC	33	NJ AU742H	Palmerston	750087		Non-Haz Soil	WC04_0-6	23	32.70	550 Clinton
161	3	3/20/2020	D&A Contracting LLC	14	NJ AT693C	Palmerston	750088		Non-Haz Soil	WC04_0-6	23	31.08	550 Clinton
162	4	3/20/2020	D&A Contracting LLC	35	NJ AU520N	Palmerston	750089		Non-Haz Soil	WC04_0-6	23	23.16	550 Clinton
163	5	3/20/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109436		Non-Haz Soil	WC03_0-6	23	38.44	550 Clinton
164	6	3/20/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109437		Non-Haz Soil	WC03_0-6	23	31.97	550 Clinton
165	7	3/20/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	109438		Non-Haz Soil	WC03_0-6	23	38.42	550 Clinton
166	8	3/20/2020	D&A Contracting LLC	29	NJ AU435F	Bayshore Soil Management	109439		Non-Haz Soil	WC03_0-6	23	39.21	550 Clinton
167	9	3/20/2020	D&A Contracting LLC	4	NJ AW859D	Bayshore Soil Management	109440		Non-Haz Soil	WC03_0-6	23	33.84	550 Clinton
168	10	3/20/2020	Cerberus Trucking	C1	NJ AT877P	Bayshore Soil Management	109441		Non-Haz Soil	WC03_0-6	23	34.65	550 Clinton
169	11	3/20/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109442		Non-Haz Soil	WC03_0-6	23	38.23	550 Clinton
170	12	3/20/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109443		Non-Haz Soil	WC03_0-6	23	31.59	550 Clinton
171	13	3/20/2020	D&A Contracting LLC	29	NJ AU435F	Bayshore Soil Management	109444		Non-Haz Soil	WC03_0-6	23	34.96	550 Clinton
172	14	3/20/2020	D&A Contracting LLC	4	NJ AW859D	Bayshore Soil Management	109445		Non-Haz Soil	WC03_0-6	23	35.36	550 Clinton
173	15	3/20/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	109446		Non-Haz Soil	WC03_0-6	23	37.86	550 Clinton
174	16	3/20/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	109447		Non-Haz Soil	WC03_0-6	23	40.88	550 Clinton
175	17	3/20/2020	D&A Contracting LLC	44	NJ AU825V	Bayshore Soil Management	109448		Non-Haz Soil	WC03_0-6	23	35.26	550 Clinton
176	18	3/20/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109449		Non-Haz Soil	WC03_0-6	23	30.57	550 Clinton
177	19	3/20/2020	D&A Contracting LLC	41	NJ AU427R	Bayshore Soil Management	109450		Non-Haz Soil	WC03_0-6	23	38.1	550 Clinton
178	20	3/20/2020	D&A Contracting LLC	45	NJ AU371W	Bayshore Soil Management	109451		Non-Haz Soil	WC03_0-6	23	39.64	550 Clinton
179	1	3/26/2020	D&A Contracting LLC	51	NJ AU674Y	Bayshore Soil Management	113840		Non-Haz Soil	WC02_0-6, 6-11	23	29.66	539 Vanderbilt
180	2	3/26/2020	D&A Contracting LLC	46	NJ AU372W	Bayshore Soil Management	113841		Non-Haz Soil	WC02_0-6, 6-11	23	33.28	539 Vanderbilt
181	3	3/26/2020	D&A Contracting LLC	49	NJ AU329Y	Bayshore Soil Management	113846		Non-Haz Soil	WC02_0-6, 6-11	23	32.37	539 Vanderbilt
182	4	3/26/2020	Jencar Trucking	70	NJ AT968D	Bayshore Soil Management	113847		Non-Haz Soil	WC02_0-6, 6-11	23	28.28	539 Vanderbilt
183	5	3/26/2020	Jencar Trucking	64	NJ AS595U	Bayshore Soil Management	109453		Non-Haz Soil	WC03_0-6, 6-11	23	16.18	550 Clinton
184	1	4/24/2020	SVA Trucking	10	NJ AW956L	Bayshore Soil Management	113842		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	36.30	539 Vanderbilt
185	2	4/24/2020	Jencar Trucking	62	NJ AS595U	Bayshore Soil Management	113843		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	38.38	539 Vanderbilt
186	3	4/24/2020	Jencar Trucking	55	NJ AU853R	Bayshore Soil Management	113844		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	31.88	539 Vanderbilt
187	4	4/24/2020	SVA Trucking	4	NJ AW325B	Bayshore Soil Management	113845		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	37.46	539 Vanderbilt
188	5	4/24/2020	Jencar Trucking	69	NJ AS450Y	Bayshore Soil Management	113848		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	30.56	539 Vanderbilt
189	6	4/24/2020	SVA Trucking	6	NJ AW106M	Bayshore Soil Management	113849		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	34.31	539 Vanderbilt
190	7	4/24/2020	Jencar Trucking	60	NJ AT240X	Bayshore Soil Management	113850		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	38.75	539 Vanderbilt
191	8	4/24/2020	Jencar Trucking	68	NJ AP812A	Bayshore Soil Management	113851		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	35.42	539 Vanderbilt
192	9	4/24/2020	SVA Trucking	2	NJ AU411Y	Bayshore Soil Management	113852		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	35.31	539 Vanderbilt
193	10	4/24/2020	Jencar Trucking	70	NJ AU968D	Bayshore Soil Management	113853		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	32.48	539 Vanderbilt
194	11	4/24/2020	SVA Trucking	3	NJ AU949Z	Bayshore Soil Management	113854		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	35.68	539 Vanderbilt
195	12	4/24/2020	SVA Trucking	7	NJ AU551N	Bayshore Soil Management	113855		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	36.02	539 Vanderbilt
196	13	4/24/2020	Jencar Trucking	72	NJ AW405J	Bayshore Soil Management	113856		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	38.48	539 Vanderbilt
197	14	4/24/2020	Jencar Trucking	71	NJ AT564L	Bayshore Soil Management	113857		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11	23	37.20	539 Vanderbilt

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Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

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							Total Tons	24059.72								
Transporter Info						Waste Tracking							Disposal Facility Info			
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location		Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)		
198	15	4/24/2020	SVA Trucking	8	NJ AU662Z	Bayshore Soil Management	113858		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	38.33	539 Vanderbilt		
199	16	4/24/2020	SVA Trucking	5	NJ AW819K	Bayshore Soil Management	113859		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	39.94	539 Vanderbilt		
200	17	4/24/2020	SVA Trucking	11	NJ AW957L	Bayshore Soil Management	113860		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	29.60	539 Vanderbilt		
201	18	4/24/2020	SVA Trucking	4	NJ AU740U	Bayshore Soil Management	113861		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	33.84	539 Vanderbilt		
202	19	4/24/2020	SVA Trucking	10	NJ AW956L	Bayshore Soil Management	113862		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	35.00	539 Vanderbilt		
203	20	4/24/2020	Jencar Trucking	52	NJ AS595U	Bayshore Soil Management	113863		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.38	539 Vanderbilt		
204	21	4/24/2020	SVA Trucking	1	NJ AW107M	Bayshore Soil Management	113864		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.35	539 Vanderbilt		
205	22	4/24/2020	Jencar Trucking	55	NJ AU853R	Bayshore Soil Management	113865		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	30.93	539 Vanderbilt		
206	23	4/24/2020	SVA Trucking	4	NJ AW325B	Bayshore Soil Management	113866		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.11	539 Vanderbilt		
207	24	4/24/2020	Jencar Trucking	68	NJ AP812A	Bayshore Soil Management	113867		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.67	539 Vanderbilt		
208	25	4/24/2020	Jencar Trucking	60	NJ AT240X	Bayshore Soil Management	113868		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	33.27	539 Vanderbilt		
209	26	4/24/2020	Jencar Trucking	69	NJ AS450Y	Bayshore Soil Management	113869		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	30.88	539 Vanderbilt		
210	27	4/24/2020	SVA Trucking	6	NJ AW106M	Bayshore Soil Management	113870		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	35.49	539 Vanderbilt		
211	28	4/24/2020	SVA Trucking	2	NJ AU411Y	Bayshore Soil Management	113871		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	33.17	539 Vanderbilt		
212	29	4/24/2020	Jencar Trucking	72	NJ AW405J	Bayshore Soil Management	113872		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	40.48	539 Vanderbilt		
213	30	4/24/2020	Jencar Trucking	70	NJ AT968D	Bayshore Soil Management	113873		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	36.90	539 Vanderbilt		
214	31	4/24/2020	Jencar Trucking	73	NJ AT683F	Bayshore Soil Management	113874		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.09	539 Vanderbilt		
215	32	4/24/2020	Jencar Trucking	61	NJ AT296T	Bayshore Soil Management	113875		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	33.83	539 Vanderbilt		
216	33	4/24/2020	SVA Trucking	3	NJ AU949T	Bayshore Soil Management	113876		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	35.54	539 Vanderbilt		
217	34	4/24/2020	Jencar Trucking	65	NJ AW431C	Bayshore Soil Management	113877		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	39.55	539 Vanderbilt		
218	35	4/24/2020	SVA Trucking	7	NJ AU551N	Bayshore Soil Management	113878		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	36.83	539 Vanderbilt		
219	36	4/24/2020	Jencar Trucking	71	NJ AT564L	Bayshore Soil Management	113879		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	29.21	539 Vanderbilt		
220	37	4/24/2020	SVA Trucking	8	NJ AU662Z	Bayshore Soil Management	113880		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	31.71	539 Vanderbilt		
221	38	4/24/2020	SVA Trucking	5	NJ AW819K	Bayshore Soil Management	113881		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	36.09	539 Vanderbilt		
222	39	4/24/2020	Jencar Trucking	68	NJ AP812A	Bayshore Soil Management	113882		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	39.06	539 Vanderbilt		
223	40	4/24/2020	Jencar Trucking	60	NJ AT240X	Bayshore Soil Management	113883		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	36.10	539 Vanderbilt		
224	41	4/24/2020	Jencar Trucking	55	NJ AU853R	Bayshore Soil Management	113884		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	32.91	539 Vanderbilt		
225	42	4/24/2020	Jencar Trucking	69	NJ AS450Y	Bayshore Soil Management	113885		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	32.57	539 Vanderbilt		
226	43	4/24/2020	Jencar Trucking	72	NJ AW405J	Bayshore Soil Management	113886		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	34.59	539 Vanderbilt		
227	44	4/24/2020	Jencar Trucking	70	NJ AT968D	Bayshore Soil Management	113887		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	39.94	539 Vanderbilt		
228	45	4/24/2020	SVA Trucking	6	NJ AW106M	Bayshore Soil Management	113888		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	29.97	539 Vanderbilt		
229	46	4/24/2020	Jencar Trucking	61	NJ AT296T	Bayshore Soil Management	113889		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	35.84	539 Vanderbilt		
230	47	4/24/2020	Jencar Trucking	71	NJ AT564L	Bayshore Soil Management	113890		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	33.42	539 Vanderbilt		
231	48	4/24/2020	SVA Trucking	7	NJ AU551N	Bayshore Soil Management	113891		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	38.82	539 Vanderbilt		
232	49	4/24/2020	SVA Trucking	5	NJ AW819K	Bayshore Soil Management	113892		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	40.06	539 Vanderbilt		
233	50	4/24/2020	SVA Trucking	8	NJ AU662Z	Bayshore Soil Management	113893		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11		23	35.05	539 Vanderbilt		
234	1	4/27/2020	Inca	777	NJ AW118G	Palmerston	749905		Non-Haz Soil	WC01_6-11, WC01_11-12		23	28.55	539 Vanderbilt		
235	2	4/27/2020	Valentina	6	NJ AW617G	Palmerston	749906		Non-Haz Soil	WC01_6-11, WC01_11-12		23	26.93	539 Vanderbilt		
236	3	4/27/2020	Valentina	3	NJ AU388P	Palmerston	749907		Non-Haz Soil	WC01_6-11, WC01_11-12		23	27.69	539 Vanderbilt		
237	4	4/27/2020	Valentina	2	NJ AU151L	Palmerston	749908		Non-Haz Soil	WC01_6-11, WC01_11-12		23	31.66	539 Vanderbilt		
238	5	4/27/2020	Jencar Trucking	69	NJ AS450Y	Palmerston	749909		Non-Haz Soil	WC01_6-11, WC01_11-12		23	25.19	539 Vanderbilt		
239	6	4/27/2020	Inca	7	NJ AU678Z	Palmerston	749910		Non-Haz Soil	WC01_6-11, WC01_11-12		23	26.27	539 Vanderbilt		
240	7	4/27/2020	SVA Trucking	4	NJ AW325B	Palmerston	749911		Non-Haz Soil	WC01_6-11, WC01_11-12		23	27.09	539 Vanderbilt		
241	8	4/27/2020	SVA Trucking	2	NJ AU411Y	Palmerston	749912		Non-Haz Soil	WC01_6-11, WC01_11-12		23	27.75	539 Vanderbilt		
242	9	4/27/2020	SVA Trucking	6	NJ AW106M	Palmerston	749913		Non-Haz Soil	WC01_6-11, WC01_11-12		23	24.54	539 Vanderbilt		
243	10	4/27/2020	SVA Trucking	7	NJ AU551N	Palmerston	749914		Non-Haz Soil	WC01_6-11, WC01_11-12		23	26.75	539 Vanderbilt		
244	11	4/27/2020	Jencar Trucking	70	NJ AT968D	Palmerston	749915		Non-Haz Soil	WC01_6-11, WC01_11-12		23	31.71	539 Vanderbilt		
245	12	4/27/2020	Jencar Trucking	60	NJ AT20X	Palmerston	749916		Non-Haz Soil	WC01_6-11, WC01_11-12		23	28.41	539 Vanderbilt		
246	13	4/27/2020	Jencar Trucking	68	NJ AP812A	Palmerston	749917		Non-Haz Soil	WC01_6-11, WC01_11-12		23	29.17	539 Vanderbilt		
247	14	4/27/2020	Jencar Trucking	72	NJ AW405J	Palmerston	749918		Non-Haz Soil	WC01_6-11, WC01_11-12		23	28.89	539 Vanderbilt		
248	15	4/27/2020	SVA Trucking	3	NJ AU949Z	Palmerston	749919		Non-Haz Soil	WC01_6-11, WC01_11-12		23	28.14	539 Vanderbilt		
249	16	4/27/2020	Inca	77	NJ AU295Y	Palmerston	749920		Non-Haz Soil	WC01_6-11, WC01_11-12		23	29.55	539 Vanderbilt		
250	17	4/27/2020	Valentina	4	NJ AU248U	Palmerston	749921		Non-Haz Soil	WC01_6-11, WC01_11-12		23	28.11	539 Vanderbilt		
251	18	4/27/2020	SVA Trucking	8	NJ AU141S	Palmerston	749922		Non-Haz Soil	WC01_6-11, WC01_11-12		23	23.07	539 Vanderbilt		
252	19	4/27/2020	Vega	3	NJ AS320S	Palmerston	749923		Non-Haz Soil	WC01_6-11, WC01_11-12		23	23.15	539 Vanderbilt		
253	20	4/27/2020	JSL	30	NJ AU631H	Palmerston	749924		Non-Haz Soil	WC01_6-11, WC01_11-12		23	23.34	539 Vanderbilt		
254	21	4/27/2020	JSL	8	NJ AU371Z	Palmerston	749925		Non-Haz Soil	WC01_6-11, WC01_11-12		23	29.40	539 Vanderbilt		
255	22	4/27/2020	JSL	19	NJ AU372Z	Palmerston	749926		Non-Haz Soil	WC01_6-11, WC01_11-12		23	23.52	539 Vanderbilt		
256	23	4/27/2020	JSL	9	NJ AU933Y	Palmerston	749927									

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	Soil Broker:		N/A			
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48	Job#:		170384501			
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68						
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22						
NJ Zinc - West Plant (Palmerston)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63						
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71						
						Total Tons	24059.72						
Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
268	35	4/27/2020	Jencar Trucking	61	NJ AT296T	Palmerston	749939		Non-Haz Soil	WC01_6-11, WC01_11-12	23	29.28	539 Vanderbilt
269	36	4/27/2020	Jencar Trucking	73	NJ AT683F	Palmerston	749940		Non-Haz Soil	WC01_6-11, WC01_11-12	23	25.99	539 Vanderbilt
270	37	4/27/2020	CF Brothers Transportation	15	NJ AW777M	Palmerston	749941		Non-Haz Soil	WC01_6-11, WC01_11-12	23	29.06	539 Vanderbilt
271	38	4/27/2020	CF Brothers Transportation	8	NJ AT835D	Palmerston	749942		Non-Haz Soil	WC01_6-11, WC01_11-12	23	31.12	539 Vanderbilt
272	39	4/27/2020	CF Brothers Transportation	13	NJ AT995T	Palmerston	749943		Non-Haz Soil	WC01_6-11, WC01_11-12	23	28.90	539 Vanderbilt
273	40	4/27/2020	Jencar Trucking	550	NJ AT883D	Palmerston	749944		Non-Haz Soil	WC01_6-11, WC01_11-12	23	23.64	539 Vanderbilt
274	41	4/27/2020	Jencar Trucking	66	NJ AS241G	Palmerston	749945		Non-Haz Soil	WC01_6-11, WC01_11-12	23	30.46	539 Vanderbilt
275	42	4/27/2020	Jencar Trucking	65	NJ AW431C	Palmerston	749946		Non-Haz Soil	WC01_6-11, WC01_11-12	23	24.37	539 Vanderbilt
276	43	4/27/2020	Jencar Trucking	64	NJ AS 416T	Palmerston	749947		Non-Haz Soil	WC01_6-11, WC01_11-12	23	25.61	539 Vanderbilt
277	44	4/27/2020	Jencar Trucking	71	NJ AT564L	Palmerston	749948		Non-Haz Soil	WC01_6-11, WC01_11-12	23	21.36	539 Vanderbilt
278	45	4/27/2020	TEV Trucking	7	NJ AT942T	Palmerston	749949		Non-Haz Soil	WC01_6-11, WC01_11-12	23	24.92	539 Vanderbilt
279	46	4/27/2020	Cabrera Transport LLC	8	NJ AU514L	Bayshore Soil Management	113894		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	39.85	539 Vanderbilt
280	47	4/27/2020	Cabrera Transport LLC	3	NJ AU692P	Bayshore Soil Management	113895		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	32.90	539 Vanderbilt
281	48	4/27/2020	Cabrera Transport LLC	C1	NJ AT877P	Bayshore Soil Management	113896		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.78	539 Vanderbilt
282	49	4/27/2020	Cabrera Transport LLC	C2	NJ AT110Z	Bayshore Soil Management	113897		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	32.18	539 Vanderbilt
283	50	4/27/2020	SVA Trucking	4	NJ AW325B	Bayshore Soil Management	113898		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	29.92	539 Vanderbilt
284	51	4/27/2020	Jencar Trucking	69	NJ AS540Y	Bayshore Soil Management	109452		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	32.86	550 Clinton
285	52	4/27/2020	Justin Express	1	NJ AU983W	Bayshore Soil Management	109454		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	37.34	550 Clinton
286	53	4/27/2020	Justin Express	42	NJ AU482W	Bayshore Soil Management	109518		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	34.50	550 Clinton
287	54	4/27/2020	Inca	777	NJ AW118G	Bayshore Soil Management	109519		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	34.04	550 Clinton
288	55	4/27/2020	Inca	7	NJ AU678Z	Bayshore Soil Management	109520		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	34.46	550 Clinton
289	1	4/29/2020	SVA Trucking	4	NJ AW325B	Palmerston	749955		Non-Haz Soil	WC01_6-11, WC01_11-12	23	30.21	539 Vanderbilt
290	2	4/29/2020	SVA Trucking	2	NJ AU411Y	Palmerston	749956		Non-Haz Soil	WC01_6-11, WC01_11-12	23	28.35	539 Vanderbilt
291	3	4/29/2020	SVA Trucking	5	NJ AW819K	Palmerston	749957		Non-Haz Soil	WC01_6-11, WC01_11-12	23	35.30	539 Vanderbilt
292	4	4/29/2020	SVA Trucking	3	NJ AU949Z	Palmerston	749958		Non-Haz Soil	WC01_6-11, WC01_11-12	23	30.17	539 Vanderbilt
293	5	4/29/2020	SVA Trucking	7	NJ AU551N	Palmerston	749959		Non-Haz Soil	WC01_6-11, WC01_11-12	23	25.21	539 Vanderbilt
294	6	4/29/2020	SVA Trucking	9	NJ AU740U	Palmerston	749960		Non-Haz Soil	WC01_6-11, WC01_11-12	23	24.92	539 Vanderbilt
295	1	4/30/2020	CV	44	NJ AU292E	Palmerston	749961		Non-Haz Soil	WC01_6-11, WC01_11-12	23	30.89	539 Vanderbilt
296	2	4/30/2020	CV	99	NJ AU291F	Palmerston	749962		Non-Haz Soil	WC01_6-11, WC01_11-12	23	32.16	539 Vanderbilt
297	3	4/30/2020	TEV Trucking	7	NJ AT992T	Palmerston	749963		Non-Haz Soil	WC01_6-11, WC01_11-12	23	29.00	539 Vanderbilt
298	4	4/30/2020	CV	19	NJ AU293E	Bayshore Soil Management	109513		Non-Haz Soil	WC03_6-11, WC03_11-12, WC03_12-18	23	31.44	550 Clinton
299	1	5/1/2020	Jencar Trucking	69	NJ AS450Y	Bayshore Soil Management	113899		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	33.37	539 Vanderbilt
300	2	5/1/2020	Jencar Trucking	55	NJ AU853R	Bayshore Soil Management	113900		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.12	539 Vanderbilt
301	3	5/1/2020	Jencar Trucking	68	NJ AP812A	Bayshore Soil Management	113901		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	37.23	539 Vanderbilt
302	4	5/1/2020	Jencar Trucking	60	NJ AT240X	Bayshore Soil Management	113902		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	37.13	539 Vanderbilt
303	5	5/1/2020	Jencar Trucking	70	NJ AT968D	Bayshore Soil Management	113903		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	36.30	539 Vanderbilt
304	6	5/1/2020	Cabrera Transport LLC	11	NJ AW472E	Bayshore Soil Management	113904		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.22	539 Vanderbilt
305	7	5/1/2020	Jencar Trucking	56	NJ AU313C	Bayshore Soil Management	113905		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.24	539 Vanderbilt
306	8	5/1/2020	Jencar Trucking	57	NJ AU467C	Bayshore Soil Management	113906		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	33.85	539 Vanderbilt
307	9	5/1/2020	CF Brothers Transportation	15	NJ AW777M	Bayshore Soil Management	113907		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	33.98	539 Vanderbilt
308	10	5/1/2020	Cabrera Transport LLC	8	NJ AU514L	Bayshore Soil Management	113908		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.41	539 Vanderbilt
309	11	5/1/2020	Jencar Trucking	66	NJ AS241G	Bayshore Soil Management	113909		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	31.54	539 Vanderbilt
310	12	5/1/2020	Jencar Trucking	73	NJ AT683F	Bayshore Soil Management	113910		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.16	539 Vanderbilt
311	13	5/1/2020	Jencar Trucking	72	NJ AW405J	Bayshore Soil Management	113911		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	38.67	539 Vanderbilt
312	14	5/1/2020	Jencar Trucking	61	NJ AT296T	Bayshore Soil Management	113912		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	36.34	539 Vanderbilt
313	15	5/1/2020	Cabrera Transport LLC	24	NJ AU100F	Bayshore Soil Management	113913		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.01	539 Vanderbilt
314	16	5/1/2020	TEV Trucking	6	NJ AW 368J	Bayshore Soil Management	113914		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	33.68	539 Vanderbilt
315	17	5/1/2020	TEV Trucking	3	NJ AT941T	Bayshore Soil Management	113915		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	32.62	539 Vanderbilt
316	18	5/1/2020	Jencar Trucking	64	NJ AS416T	Bayshore Soil Management	113916		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	35.37	539 Vanderbilt
317	19	5/1/2020	Jencar Trucking	75	NJ NJ318P	Bayshore Soil Management	113917		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	39.81	539 Vanderbilt
318	20	5/1/2020	TEV Trucking	1	NJ AR236E	Bayshore Soil Management	113918		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	37.80	539 Vanderbilt
319	21	5/1/2020	TEV Trucking	5	NJ AR239E	Bayshore Soil Management	109514		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	36.68	550 Clinton
320	22	5/1/2020	Jencar Trucking	55	NJ AU853R	Bayshore Soil Management	109515		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_1			

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons						
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48	Soil Broker: N/A Job#: 170384501					
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68						
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22						
NJ Zinc - West Plant (Palmerston)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63						
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71						
						Total Tons	24059.72						
Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
333	1	5/4/2020	Jencar Trucking	71	NJ AT564L	Taylor's Lane	785208		Clean Fill	WC01_12-18	23	37.18	539 Vanderbilt
334	2	5/4/2020	Jencar Trucking	60	NJ AT240K	Taylor's Lane	785209		Clean Fill	WC01_12-18	23	41.31	539 Vanderbilt
335	3	5/4/2020	Jencar Trucking	68	NJ AP812A	Taylor's Lane	785210		Clean Fill	WC01_12-18	23	40.41	539 Vanderbilt
336	4	5/4/2020	Jencar Trucking	70	NJ AT968D	Taylor's Lane	785211		Clean Fill	WC01_12-18	23	37.51	539 Vanderbilt
337	5	5/4/2020	Jencar Trucking	56	NJ AU313C	Taylor's Lane	785212		Clean Fill	WC01_12-18	23	34.43	539 Vanderbilt
338	6	5/4/2020	Jencar Trucking	57	NJ AU467C	Taylor's Lane	785213		Clean Fill	WC01_12-18	23	37.23	539 Vanderbilt
339	1	5/5/2020	D&A Contracting LLC	41	NJ AU427R	Taylor's Lane	785214		Clean Fill	WC01_12-18	23	30.79	539 Vanderbilt
340	2	5/5/2020	D&A Contracting LLC	40	NJ AU426R	Taylor's Lane	785215		Clean Fill	WC01_12-18	23	28.89	539 Vanderbilt
341	3	5/5/2020	D&A Contracting LLC	45	NJ AU371W	Taylor's Lane	785216		Clean Fill	WC01_12-18	23	29.37	539 Vanderbilt
342	4	5/5/2020	D&A Contracting LLC	30	NJ AU739H	Taylor's Lane	785217		Clean Fill	WC01_12-18	23	31.84	539 Vanderbilt
343	5	5/5/2020	D&A Contracting LLC	33	NJ AU742H	Taylor's Lane	785218		Clean Fill	WC01_12-18	23	30.64	539 Vanderbilt
344	1	5/6/2020	Mendez	89	NJ AS354M	Taylor's Lane	785219		Clean Fill	WC01_12-18	23	28.92	539 Vanderbilt
345	2	5/6/2020	Mendez	18	NJ AW653G	Taylor's Lane	785220		Clean Fill	WC01_12-18	23	27.70	539 Vanderbilt
346	3	5/6/2020	Mendez	56	NJ AS521B	Taylor's Lane	785221		Clean Fill	WC01_12-18	23	34.60	539 Vanderbilt
347	1	5/8/2020	D&A Contracting LLC	53	NJ AW562C	Bayshore Soil Management	113919		Non-Haz Soil	WC02_6-12,WC02_12-18	23	35.27	539 Vanderbilt
348	2	5/8/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	113920		Non-Haz Soil	WC02_6-12,WC02_12-18	23	33.92	539 Vanderbilt
349	3	5/8/2020	D&A Contracting LLC	52	NJ AW840A	Bayshore Soil Management	113921		Non-Haz Soil	WC02_6-12,WC02_12-18	23	35.07	539 Vanderbilt
350	4	5/8/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	113922		Non-Haz Soil	WC02_6-12,WC02_12-18	23	37.59	539 Vanderbilt
351	5	5/8/2020	D&A Contracting LLC	30	NJ AU739H	Bayshore Soil Management	113923		Non-Haz Soil	WC02_6-12,WC02_12-18	23	31.75	539 Vanderbilt
352	6	5/8/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	113924		Non-Haz Soil	WC02_6-12,WC02_12-18	23	36.46	539 Vanderbilt
353	7	5/8/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	113925		Non-Haz Soil	WC02_6-12,WC02_12-18	23	37.88	539 Vanderbilt
354	8	5/8/2020	D&A Contracting LLC	34	NJ AU435J	Bayshore Soil Management	113926		Non-Haz Soil	WC02_6-12,WC02_12-18	23	36.51	539 Vanderbilt
355	9	5/8/2020	D&A Contracting LLC	40	NJ AU426R	Bayshore Soil Management	113927		Non-Haz Soil	WC02_6-12,WC02_12-18	23	32.19	539 Vanderbilt
356	10	5/8/2020	D&A Contracting LLC	31	NJ AU740H	Bayshore Soil Management	113928		Non-Haz Soil	WC02_6-12,WC02_12-18	23	22.94	539 Vanderbilt
357	11	5/8/2020	D&A Contracting LLC	39	NJ AU522N	Bayshore Soil Management	113929		Non-Haz Soil	WC02_6-12,WC02_12-18, WC03_6-12, WC03_12-18	23	37.51	539 Vanderbilt
358	12	5/8/2020	D&A Contracting LLC	9	NJ AS463U	Bayshore Soil Management	113930		Non-Haz Soil	WC02_6-12,WC02_12-18, WC03_6-12, WC03_12-18	23	32.37	539 Vanderbilt
359	13	5/8/2020	D&A Contracting LLC	53	NJ AW662C	Bayshore Soil Management	113931		Non-Haz Soil	WC02_6-12,WC02_12-18, WC03_6-12, WC03_12-18	23	39.07	539 Vanderbilt
360	14	5/8/2020	D&A Contracting LLC	18	NJ AT848N	Bayshore Soil Management	113932		Non-Haz Soil	WC02_6-12,WC02_12-18, WC03_6-12, WC03_12-18	23	29.19	539 Vanderbilt
361	15	5/8/2020	D&A Contracting LLC	52	NJ AW840A	Bayshore Soil Management	113933		Non-Haz Soil	WC02_6-12,WC02_12-18, WC03_6-12, WC03_12-18	23	35.96	539 Vanderbilt
362	16	5/8/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	109455		Non-Haz Soil	WC03_6-12, WC03_12-18	23	35.68	550 Clinton
363	17	5/8/2020	D&A Contracting LLC	30	NJ AU739H	Bayshore Soil Management	109456		Non-Haz Soil	WC03_6-12, WC03_12-18	23	33.76	550 Clinton
364	18	5/8/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	109457		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.70	550 Clinton
365	19	5/8/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109458		Non-Haz Soil	WC03_6-12, WC03_12-18	23	29.70	550 Clinton
366	20	5/8/2020	D&A Contracting LLC	31	NJ AU740H	Bayshore Soil Management	109459		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.80	550 Clinton
367	21	5/8/2020	D&A Contracting LLC	40	NJ AU426R	Bayshore Soil Management	109460		Non-Haz Soil	WC03_6-12, WC03_12-18	23	29.34	550 Clinton
368	22	5/8/2020	D&A Contracting LLC	53	NJ AW662C	Bayshore Soil Management	109461		Non-Haz Soil	WC03_6-12, WC03_12-18	23	36.38	550 Clinton
369	23	5/8/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	109462		Non-Haz Soil	WC03_6-12, WC03_12-18	23	32.77	550 Clinton
370	24	5/8/2020	D&A Contracting LLC	52	NJ AW840A	Bayshore Soil Management	109463		Non-Haz Soil	WC03_6-12, WC03_12-18	23	33.80	550 Clinton
371	25	5/8/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	109464		Non-Haz Soil	WC03_6-12, WC03_12-18	23	33.93	550 Clinton
372	26	5/8/2020	D&A Contracting LLC	30	NJ AU739H	Bayshore Soil Management	109465		Non-Haz Soil	WC03_6-12, WC03_12-18	23	37.36	550 Clinton
373	27	5/8/2020	D&A Contracting LLC	31	NJ AU740H	Bayshore Soil Management	109466		Non-Haz Soil	WC03_6-12, WC03_12-18	23	32.70	550 Clinton
374	28	5/8/2020	D&A Contracting LLC	40	NJ AU426R	Bayshore Soil Management	109467		Non-Haz Soil	WC03_6-12, WC03_12-18	23	27.27	550 Clinton
375	29	5/8/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109468		Non-Haz Soil	WC03_6-12, WC03_12-18	23	33.43	550 Clinton
376	30	5/8/2020	D&A Contracting LLC	48	NJ AU328Y	Bayshore Soil Management	109469		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.74	550 Clinton
377	1	5/11/2020	Cabrera Transport LLC	C1	NJ AT877P	Taylor's Lane	785222		Clean Fill	WC01_12-18	23	29.06	539 Vanderbilt
378	2	5/11/2020	TEV Trucking	3	NJ AT941T	Taylor's Lane	785223		Clean Fill	WC01_12-18	23	22.75	539 Vanderbilt
379	3	5/11/2020	TEV Trucking	11	NJ AR236E	Taylor's Lane	785224		Clean Fill	WC01_12-18	23	26.51	539 Vanderbilt
380	4	5/11/2020	TEV Trucking	5	NJ AR239E	Taylor's Lane	785225		Clean Fill	WC01_12-18	23	26.59	539 Vanderbilt
381	5	5/11/2020	TEV Trucking	C2	NJ AT110Z	Taylor's Lane	785226		Clean Fill	WC01_12-18	23	38.60	539 Vanderbilt

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:	808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	Soil Broker:		N/A				
Republic Environmental Systems, LLC (Stericycle)	3	Loads	50.34	CY	Hazardous Soil	70.48	Job#:		170384501				
US Ecology (York)	35	Loads	597.63	CY	Hazardous Soil	836.68							
Bayshore Soil Management	271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22							
NJ Zinc - West Plant (Palmerston)	448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63							
Taylor's Lane Reclamation Project	51	Loads	1224.08	CY	Clean Fill	1713.71							
						Total Tons	24059.72						
Transporter Info						Waste Tracking					Disposal Facility Info		
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
382	1	5/15/2020	Jencar Trucking	77	NJ AW432C	Taylor's Lane	785227		Clean Fill	WC02_18-26	23	35.57	539 Vanderbilt
383	2	5/15/2020	Jencar Trucking	58	NJ AT731Y	Taylor's Lane	785228		Clean Fill	WC02_18-26	23	33.68	539 Vanderbilt
384	3	5/15/2020	D&A Contracting LLC	343	NJ AW858D	Taylor's Lane	785229		Clean Fill	WC02_18-26	23	35.85	539 Vanderbilt
385	4	5/15/2020	D&A Contracting LLC	18	NJ AT878N	Taylor's Lane	785230		Clean Fill	WC01_12-18, WC02_18-26	23	33.11	539 Vanderbilt
386	5	5/15/2020	D&A Contracting LLC	2	NJ AS356V	Taylor's Lane	785231		Clean Fill	WC01_12-18, WC02_18-26	23	38.50	539 Vanderbilt
387	6	5/15/2020	D&A Contracting LLC	37	NJ AU521N	Taylor's Lane	785232		Clean Fill	WC01_12-18, WC02_18-26	23	38.08	539 Vanderbilt
388	7	5/15/2020	D&A Contracting LLC	12	NJ AW857D	Taylor's Lane	785233		Clean Fill	WC01_12-18, WC02_18-26	23	38.41	539 Vanderbilt
389	8	5/15/2020	D&A Contracting LLC	35	NJ AU520N	Bayshore Soil Management	113934		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	39.78	539 Vanderbilt
390	9	5/15/2020	Jencar Trucking	76	NJ AU854R	Bayshore Soil Management	113935		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	34.11	539 Vanderbilt
391	10	5/15/2020	HD Logistics	3	NJ AU941R	Bayshore Soil Management	113936		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	32.50	539 Vanderbilt
392	11	5/15/2020	D&A Contracting LLC	17	NJ AT517L	Bayshore Soil Management	113937		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	38.85	539 Vanderbilt
393	12	5/15/2020	D&A Contracting LLC	41	NJ AU427R	Bayshore Soil Management	113938		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	34.27	539 Vanderbilt
394	13	5/15/2020	D&A Contracting LLC	10	NJ AS461U	Bayshore Soil Management	113939		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	33.95	539 Vanderbilt
395	14	5/15/2020	D&A Contracting LLC	4	NJ AW859D	Bayshore Soil Management	113940		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	37.61	539 Vanderbilt
396	15	5/15/2020	D&A Contracting LLC	53	NJ AW562C	Bayshore Soil Management	113941		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	37.61	539 Vanderbilt
397	16	5/15/2020	D&A Contracting LLC	18	NJ AT878N	Bayshore Soil Management	113942		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	28.74	539 Vanderbilt
398	17	5/15/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	113943		Non-Haz Soil	WC02_6-12, WC02_12-18, WC03_6-12, WC03_12-18	23	36.88	539 Vanderbilt
399	18	5/15/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109470		Non-Haz Soil	WC03_6-12, WC03_12-18	23	35.71	550 Clinton
400	19	5/15/2020	D&A Contracting LLC	35	NJ AU520N	Bayshore Soil Management	109471		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.28	550 Clinton
401	20	5/15/2020	HD Logistics	3	NJ AU941R	Bayshore Soil Management	109472		Non-Haz Soil	WC03_6-12, WC03_12-18	23	33.64	550 Clinton
402	21	5/15/2020	D&A Contracting LLC	17	NJ AT517L	Bayshore Soil Management	109473		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.14	550 Clinton
403	22	5/15/2020	D&A Contracting LLC	10	NJ AS461U	Bayshore Soil Management	109474		Non-Haz Soil	WC03_6-12, WC03_12-18	23	32.41	550 Clinton
404	1	5/18/2020	Jencar Trucking	60	NJ AT240X	Palmerston	749965		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	24.64	539 Vanderbilt
405	2	5/18/2020	Cabrera Transport LLC	24	NJ AU100F	Palmerston	749966		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	29.10	539 Vanderbilt
406	3	5/18/2020	Vega	6	NJ AT826C	Palmerston	749967		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	24.16	539 Vanderbilt
407	4	5/18/2020	CF Brothers Transportation	12	NJ AS137R	Palmerston	749968		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	25.99	539 Vanderbilt
408	5	5/18/2020	Vega	3	NJ AS320S	Palmerston	749969		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	24.68	539 Vanderbilt
409	6	5/18/2020	Vega	9	NJ AU140S	Palmerston	749970		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	25.18	539 Vanderbilt
410	7	5/18/2020	Cabrera Transport LLC	11	NJ AW472E	Palmerston	749971		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	24.97	539 Vanderbilt
411	8	5/18/2020	Jencar Trucking	70	NJ AT968D	Palmerston	749972		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	24.46	539 Vanderbilt
412	9	5/18/2020	CF Brothers Transportation	14	NJ AW132B	Palmerston	749973		Non-Haz Soil	WC01_6-11, WC01_11-12, WC01_12-18	23	26.82	550 Clinton
413	10	5/18/2020	Jencar Trucking	72	NJ AW405J	Palmerston	750092		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	30.66	550 Clinton
414	11	5/18/2020	Vega	8	NJ AU141S	Palmerston	750161		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	24.24	550 Clinton
415	12	5/18/2020	Vega	5	NJ AT827C	Palmerston	750156		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	25.98	550 Clinton
416	13	5/18/2020	Vega	7	NJ AU142S	Palmerston	750157		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	30.50	550 Clinton
417	14	5/18/2020	Jencar Trucking	68	NJ AP812A	Palmerston	750158		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	32.91	550 Clinton
418	15	5/18/2020	Jencar Trucking	71	NJ AT564L	Palmerston	750159		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.90	550 Clinton
419	16	5/18/2020	Jencar Trucking	73	NJ AT683F	Palmerston	750160		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.57	550 Clinton
420	17	5/18/2020	Jencar Trucking	77	NJ AW432C	Palmerston	759974		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	26.07	539 Vanderbilt
421	18	5/18/2020	Jencar Trucking	58	NJ AT731Y	Palmerston	759975		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	25.36	539 Vanderbilt
422	19	5/18/2020	Jencar Trucking	63	NJ AS702T	Palmerston	759976		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	29.22	539 Vanderbilt
423	20	5/18/2020	Jencar Trucking	61	NJ AT296T	Palmerston	759977		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	29.58	539 Vanderbilt
424	21	5/18/2020	JSL Trucking	9	NJ AU933Y	Palmerston	759978		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	28.46	539 Vanderbilt
425	1	5/19/2020	Cabrera Transport LLC	C1	NJ AT877P	Palmerston	749979		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	31.46	539 Vanderbilt
426	2	5/19/2020	CF Brothers Transportation	15	NJ AW777M	Palmerston	749980		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	28.71	539 Vanderbilt
427	3	5/19/2020	CF Brothers Transportation	10	NJ AT195P	Palmerston	749981		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	26.64	539 Vanderbilt
428	4	5/19/2020	CF Brothers Transportation	14	NJ AW132B	Palmerston	749982		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	27.41	539 Vanderbilt
429	5	5/19/2020	Cabrera Transport LLC	C2	NJ AT110Z	Palmerston	749983		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	26.72	539 Vanderbilt
430	6	5/19/2020	Vega	3	NJ AT320S	Palmerston	749984		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	25.65	539 Vanderbilt
431	7	5/19/2020	Vega	5	NJ AT827C	Palmerston	749985		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	27.08	539 Vanderbilt
432	8	5/19/2020	Vega	7	NJ AU142S	Palmerston	749986		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18	23	31.00	539 Vanderbilt
433	9	5/19/2020	D&A Contracting LLC	43	NJ AU707U	Palmerston	749987		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18, WC01/WC02_18-26	23	26.53	539 Vanderbilt
434	10	5/19/2020	D&A Contracting LLC	39	NJ AU522N	Palmerston	749988		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18, WC01/WC02_18-26	23	26.56	539 Vanderbilt
435	11	5/19/2020	D&A Contracting LLC	40	NJ AU426R	Palmerston	749989		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18, WC01/WC02_18-26	23	26.59	539 Vanderbilt
436	12	5/19/2020	D&A Contracting LLC	41	NJ AU427R	Palmerston	749990		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18, WC01/WC02_18-26	23	26.65	539 Vanderbilt
437	13	5/19/2020	Justin Express	2	NJ AW919J	Palmerston	749991		Non-Haz Soil	WC01_0-6, 6-11, WC01_11-12, WC01_12-18, WC01/WC02_18-26	23	33.37	539 Vanderbilt
438	14	5/19/2020	D&A Contracting LLC	49	NJ AU329Y	Palmerston	749992		Clean Fill	WC01/WC02_18-26	23	32.81	539 Vanderbilt
439	15	5/19/2020	Justin Express	3	NJ AU762G	Palmerston	749993		Clean Fill	WC01/WC02_18-26	23	32.06	539 Vanderbilt
440	16	5/19/2020	D&A Contracting LLC	51	NJ AU674Y	Palmerston	749994		Clean Fill	WC01/WC02_18-26	23	30.74	539 Vanderbilt
441	17	5/19/2020	D&A Contracting LLC	28	NJ AU995D	Palmerston	749995		Clean Fill	WC01/WC02_18-26	23	32.98	539 Vanderbilt
442	18	5/19/2020	D&A Contracting LLC	46	NJ AU372W	Palmerston	749996		Clean Fill	WC01/WC02_18-26	23	36.96	539 Vanderbilt
443	19	5/19/2020	D&A Contracting LLC	37	NJ AU521N	Palmerston	749997		Clean Fill	WC01/WC02_18-26	23	25.52	539 Vanderbilt

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons							Soil Broker:	N/A
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48							Job#:	170384501
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68								
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22								
NJ Zinc - West Plant (Palmerston)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63								
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71								
						Total Tons	24059.72								
Transporter Info						Waste Tracking						Disposal Facility Info			
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)		
444	1	5/20/2020	D&A Contracting LLC	17	NJ AT517L	Taylor's Lane	784506		Clean Fill	WC01/WC02_18-26	23	36.38	539 Vanderbilt		
445	2	5/20/2020	D&A Contracting LLC	20	NJ AT880N	Taylor's Lane	784507		Clean Fill	WC01/WC02_18-26	23	37.58	539 Vanderbilt		
446	3	5/20/2020	D&A Contracting LLC	39	NJ AU522N	Taylor's Lane	784508		Clean Fill	WC01/WC02_18-26	23	35.14	539 Vanderbilt		
447	4	5/20/2020	D&A Contracting LLC	5	NJ AS676N	Taylor's Lane	784509		Clean Fill	WC01/WC02_18-26	23	36.05	539 Vanderbilt		
448	5	5/20/2020	D&A Contracting LLC	45	NJ AU371W	Taylor's Lane	784510		Clean Fill	WC01/WC02_18-26	23	35.90	539 Vanderbilt		
449	6	5/20/2020	D&A Contracting LLC	34	NJ AU435J	Taylor's Lane	784511		Clean Fill	WC01/WC02_18-26	23	36.86	539 Vanderbilt		
450	7	5/20/2020	D&A Contracting LLC	40	NJ AU426R	Taylor's Lane	784512		Clean Fill	WC01/WC02_18-26	23	28.78	539 Vanderbilt		
451	8	5/20/2020	D&A Contracting LLC	49	NJ AU329Y	Taylor's Lane	784513		Clean Fill	WC01/WC02_18-26	23	31.15	539 Vanderbilt		
452	9	5/20/2020	D&A Contracting LLC	28	NJ AU995D	Taylor's Lane	784514		Clean Fill	WC01/WC02_18-26	23	36.76	539 Vanderbilt		
453	10	5/20/2020	D&A Contracting LLC	51	NJ AU674Y	Taylor's Lane	784515		Clean Fill	WC01/WC02_18-26	23	31.00	539 Vanderbilt		
454	11	5/20/2020	D&A Contracting LLC	46	NJ AU372W	Taylor's Lane	784516		Clean Fill	WC01/WC02_18-26	23	34.45	539 Vanderbilt		
455	12	5/20/2020	D&A Contracting LLC	33	NJ AU742H	Taylor's Lane	784517		Clean Fill	WC01/WC02_18-26	23	33.14	539 Vanderbilt		
456	13	5/20/2020	D&A Contracting LLC	30	NJ AU739H	Taylor's Lane	784518		Clean Fill	WC01/WC02_18-26	23	37.20	539 Vanderbilt		
457	14	5/20/2020	D&A Contracting LLC	29	NJ AU435F	Taylor's Lane	784519		Clean Fill	WC01/WC02_18-26	23	40.92	539 Vanderbilt		
458	15	5/20/2020	Jencar Trucking	61	NJ AT296T	Taylor's Lane	784503		Clean Fill	WC01/WC02_18-26	23	32.39	539 Vanderbilt		
459	16	5/20/2020	D&A Contracting LLC	343	NJ AW858D	Taylor's Lane	784504		Clean Fill	WC01/WC02_18-26	23	36.85	539 Vanderbilt		
460	17	5/20/2020	D&A Contracting LLC	44	NJ AU825V	Taylor's Lane	784505		Clean Fill	WC01/WC02_18-26	23	33.17	539 Vanderbilt		
461	18	5/20/2020	D&A Contracting LLC	17	NJ AT517L	Taylor's Lane	785234		Clean Fill	WC01/WC02_18-26	23	31.14	539 Vanderbilt		
462	19	5/20/2020	D&A Contracting LLC	20	NJ AT880N	Taylor's Lane	785235		Clean Fill	WC01/WC02_18-26	23	29.91	539 Vanderbilt		
463	20	5/20/2020	D&A Contracting LLC	35	NJ AU520N	Taylor's Lane	785236		Clean Fill	WC01/WC02_18-26	23	36.89	539 Vanderbilt		
464	21	5/20/2020	D&A Contracting LLC	4	NJ AW859D	Taylor's Lane	785237		Clean Fill	WC01/WC02_18-26	23	35.37	539 Vanderbilt		
465	22	5/20/2020	D&A Contracting LLC	39	NJ AU522N	Taylor's Lane	785238		Clean Fill	WC01/WC02_18-26	23	27.36	539 Vanderbilt		
466	23	5/20/2020	D&A Contracting LLC	30	NJ AU739H	Taylor's Lane	785240		Clean Fill	WC01/WC02_18-26	23	32.79	539 Vanderbilt		
467	24	5/20/2020	D&A Contracting LLC	29	NJ AU435F	Taylor's Lane	785241		Clean Fill	WC01/WC02_18-26	23	30.62	539 Vanderbilt		
468	25	5/20/2020	D&A Contracting LLC	51	NJ AU674X	Taylor's Lane	785242		Clean Fill	WC01/WC02_18-26	23	28.38	539 Vanderbilt		
469	26	5/20/2020	D&A Contracting LLC	10	NJ AS461U	Bayshore Soil Management	113972		Non-Haz Soil	WC02_12-18	23	28.77	539 Vanderbilt		
470	27	5/20/2020	D&A Contracting LLC	43	NJ AU707U	Bayshore Soil Management	113973		Non-Haz Soil	WC02_12-18	23	32.65	539 Vanderbilt		
471	28	5/20/2020	D&A Contracting LLC	40	NJ AU426R	Bayshore Soil Management	113974		Non-Haz Soil	WC02_12-18	23	29.39	539 Vanderbilt		
472	29	5/20/2020	D&A Contracting LLC	34	NJ AU435J	Bayshore Soil Management	113975		Non-Haz Soil	WC02_12-18	23	32.14	539 Vanderbilt		
473	30	5/20/2020	D&A Contracting LLC	27	NJ AU873D	Bayshore Soil Management	113976		Non-Haz Soil	WC02_12-18	23	38.02	539 Vanderbilt		
474	31	5/20/2020	D&A Contracting LLC	33	NJ AU742H	Bayshore Soil Management	113977		Non-Haz Soil	WC02_12-18	23	33.68	539 Vanderbilt		
475	32	5/20/2020	D&A Contracting LLC	49	NJ AU229X	Bayshore Soil Management	113978		Non-Haz Soil	WC02_12-18	23	32.95	539 Vanderbilt		
476	33	5/20/2020	D&A Contracting LLC	28	NJ AU995D	Bayshore Soil Management	113979		Non-Haz Soil	WC02_12-18	23	35.94	539 Vanderbilt		
477	1	5/21/2020	D&A Contracting LLC	40	NJ AU426R	Palmerston	750031		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	25.80	539 Vanderbilt		
478	2	5/21/2020	Jencar Trucking	58	NJ AT731Y	Palmerston	750032		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	23.91	539 Vanderbilt		
479	3	5/21/2020	D&A Contracting LLC	41	NJ AU427R	Palmerston	750033		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	23.18	539 Vanderbilt		
480	4	5/21/2020	D&A Contracting LLC	52	NJ AW840A	Palmerston	750034		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	26.33	539 Vanderbilt		
481	5	5/21/2020	D&A Contracting LLC	53	NJ AW562C	Palmerston	750035		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	23.93	539 Vanderbilt		
482	6	5/21/2020	Cerberus Trucking	C2	NJ AT110Z	Palmerston	750036		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	28.20	539 Vanderbilt		
483	7	5/21/2020	D&A Contracting LLC	12	NJ AW857D	Palmerston	750037		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	29.71	539 Vanderbilt		
484	8	5/21/2020	D&A Contracting LLC	14	NJ AT693C	Palmerston	750038		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	23.00	539 Vanderbilt		
485	9	5/21/2020	Jencar Trucking	76	NJ AU854R	Palmerston	750039		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	31.79	539 Vanderbilt		
486	10	5/21/2020	D&A Contracting LLC	36	NJ AU436J	Palmerston	750040		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	28.98	539 Vanderbilt		
487	11	5/21/2020	Jencar Trucking	77	NJ AW432C	Palmerston	750041		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	27.54	539 Vanderbilt		
488	12	5/21/2020	Jencar Trucking	75	NJ AT318P	Palmerston	750042		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	25.61	539 Vanderbilt		
489	13	5/21/2020	Cerberus Trucking	C1	NJ AT877P	Palmerston	750043		Non-Haz Soil & Clean Fill	WC01/WC02_18-26	23	29.06	539 Vanderbilt		
490	14	5/21/2020	D&A Contracting LLC	17	NJ AT517L	Palmerston	750093		Non-Haz Soil	WC04_0-6	23	29.15	550 Clinton		
491	15	5/21/2020	Jencar Trucking	67	NJ AW847H	Palmerston	750094		Non-Haz Soil	WC04_0-6	23	25.10	550 Clinton		
492	16	5/21/2020	Jencar Trucking	68	NJ AP812A	Palmerston	750095		Non-Haz Soil	WC04_0-6	23	28.00	550 Clinton		
493	17	5/21/2020	Jencar Trucking	72	N J AW405J	Palmerston	750096		Non-Haz Soil	WC04_0-6	23	26.56	550 Clinton		
494	18	5/21/2020	D&A Contracting LLC	37	NJ AU521N	Palmerston	750097		Non-Haz Soil	WC04_0-6	23	25.35	550 Clinton		
495	19	5/21/2020	D&A Contracting LLC	10	NJ AS461U	Palmerston	750098		Non-Haz Soil	WC04_0-6	23	21.55	550 Clinton		
496	20	5/21/2020	D&A Contracting LLC	49	NJ AU329Y	Palmerston	750099		Non-Haz Soil	WC04_0-6	23	26.99	550 Clinton		
497	21	5/21/2020	D&A Contracting LLC	5	NJ AS676N	Palmerston	750100		Non-Haz Soil	WC04_0-6	23	27.36	550 Clinton		

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons	Soil Broker: N/A Job#: 170384501					
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48						
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68						
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22						
NJ Zinc - West Plant (Palmerton)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63						
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71						
						Total Tons	24059.72						
Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
498	1	5/22/2020	Jencar Trucking	56	NJ AU313C	Palmerton	750101		Non-Haz Soil	WC04_0-6	23	29.36	550 Clinton
499	2	5/22/2020	Jencar Trucking	57	NJ AU467C	Palmerton	750102		Non-Haz Soil	WC04_0-6	23	27.16	550 Clinton
500	3	5/22/2020	Manolos Trucking	14	NJ AT380H	Palmerton	750103		Non-Haz Soil	WC04_0-6, 6-11	23	28.82	550 Clinton
501	4	5/22/2020	Jencar Trucking	77	NJ AW432C	Palmerton	750104		Non-Haz Soil	WC04_0-6, 6-11	23	28.56	550 Clinton
502	5	5/22/2020	Jencar Trucking	66	NJ AS241G	Palmerton	750105		Non-Haz Soil	WC04_0-6, 6-11	23	32.32	550 Clinton
503	6	5/22/2020	Jencar Trucking	65	NJ AW431C	Palmerton	750106		Non-Haz Soil	WC04_0-6, 6-11	23	26.27	550 Clinton
504	7	5/22/2020	JSL Trucking	5	NJ AW247K	Palmerton	750107		Non-Haz Soil	WC04_0-6, 6-11	23	22.81	550 Clinton
505	8	5/22/2020	Cerberus Trucking	C1	NJ AT877P	Palmerton	750108		Non-Haz Soil	WC04_0-6, 6-11	23	24.44	550 Clinton
506	9	5/22/2020	Jencar Trucking	62	NJ AS596U	Palmerton	750109		Non-Haz Soil	WC04_0-6, 6-11	23	27.67	550 Clinton
507	10	5/22/2020	Jencar Trucking	71	NJ AT564L	Palmerton	750110		Non-Haz Soil	WC04_0-6, 6-11	23	25.31	550 Clinton
508	11	5/22/2020	Jencar Trucking	76	NJ AU854R	Palmerton	750111		Non-Haz Soil	WC04_0-6, 6-11	23	25.10	550 Clinton
509	12	5/22/2020	Jencar Trucking	58	NJ AT731Y	Palmerton	750112		Non-Haz Soil	WC04_0-6, 6-11	23	24.27	550 Clinton
510	13	5/22/2020	Jencar Trucking	61	NJ AT296T	Palmerton	750113		Non-Haz Soil	WC04_0-6, 6-11	23	25.32	550 Clinton
511	14	5/22/2020	Jencar Trucking	59	NJ AT558Y	Palmerton	750114		Non-Haz Soil	WC04_0-6, 6-11	23	25.10	550 Clinton
512	15	5/22/2020	Jencar Trucking	64	NJ AS416T	Palmerton	750115		Non-Haz Soil	WC04_0-6, 6-11	23	23.88	550 Clinton
513	16	5/22/2020	D&A Contracting LLC	45	NJ AU371W	Palmerton	750116		Non-Haz Soil	WC04_0-6, 6-11	23	22.10	550 Clinton
514	17	5/22/2020	JSL Trucking	30	NJ AU631H	Palmerton	750117		Non-Haz Soil	WC04_0-6, 6-11	23	24.73	550 Clinton
515	1	5/26/2020	D&A Contracting LLC	20	NJ AT880N	Palmerton	750118		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	29.15	550 Clinton
516	2	5/26/2020	D&A Contracting LLC	30	NJ AU739H	Palmerton	750119		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	27.93	550 Clinton
517	3	5/26/2020	Jencar Trucking	68	NJ AP812A	Palmerton	750120		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.97	550 Clinton
518	4	5/26/2020	Jencar Trucking	60	NJ AT240X	Palmerton	750121		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.65	550 Clinton
519	5	5/26/2020	Jencar Trucking	72	NJ AW405J	Palmerton	750122		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	27.95	550 Clinton
520	6	5/26/2020	D&A Contracting LLC	10	NJ AS461U	Palmerton	750123		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	25.86	550 Clinton
521	7	5/26/2020	D&A Contracting LLC	29	NJ AU435F	Palmerton	750124		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.13	550 Clinton
522	8	5/26/2020	D&A Contracting LLC	36	NJ AU436J	Palmerton	750125		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.47	550 Clinton
523	9	5/26/2020	D&A Contracting LLC	25	NJ AU872D	Palmerton	750126		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	25.00	550 Clinton
524	10	5/26/2020	D&A Contracting LLC	24	NJ AT715T	Palmerton	750127		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	24.47	550 Clinton
525	11	5/26/2020	D&A Contracting LLC	34	NJ AU435J	Palmerton	750143		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.94	550 Clinton
526	12	5/26/2020	D&A Contracting LLC	45	NJ AU371W	Palmerton	750128		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	23.95	550 Clinton
527	13	5/26/2020	D&A Contracting LLC	14	NJ AT693C	Palmerton	750129		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	30.60	550 Clinton
528	14	5/26/2020	D&A Contracting LLC	2	NJ AS356U	Palmerton	750130		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	33.24	550 Clinton
529	15	5/26/2020	D&A Contracting LLC	3	NJ AT515L	Palmerton	750131		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.07	550 Clinton
530	16	5/26/2020	D&A Contracting LLC	44	NJ AU825V	Palmerton	750132		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	29.73	550 Clinton
531	17	5/26/2020	D&A Contracting LLC	46	NJ AU372W	Palmerton	750133		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	27.69	550 Clinton
532	18	5/26/2020	D&A Contracting LLC	37	NJ AU521N	Palmerton	750134		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.21	550 Clinton
533	19	5/26/2020	D&A Contracting LLC	51	NJ AU674V	Palmerton	750135		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.95	550 Clinton
534	20	5/26/2020	D&A Contracting LLC	28	NJ AU995D	Palmerton	750136		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	29.14	550 Clinton
535	21	5/26/2020	D&A Contracting LLC	49	NJ AU329Y	Palmerton	750137		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.95	550 Clinton
536	22	5/26/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	750138		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	25.78	550 Clinton
537	23	5/26/2020	D&A Contracting LLC	48	NJ AU328Y	Palmerton	750139		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	31.67	550 Clinton
538	24	5/26/2020	D&A Contracting LLC	39	NJ AU522N	Palmerton	750140		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.84	550 Clinton
539	25	5/26/2020	D&A Contracting LLC	19	NJ AT879N	Palmerton	750141		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	28.26	550 Clinton
540	26	5/26/2020	D&A Contracting LLC	13	NJ AS500Y	Palmerton	750142		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	26.11	550 Clinton
541	27	5/26/2020	D&A Contracting LLC	12	NJ AW857D	Palmerton	750704		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	24.71	550 Clinton
542	28	5/26/2020	D&A Contracting LLC	4	NJ AW859D	Palmerton	750705		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	23.93	550 Clinton
543	29	5/26/2020	D&A Contracting LLC	35	NJ AU520N	Palmerton	750706		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	27.98	550 Clinton
544	30	5/26/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	750707		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	20.16	550 Clinton
545	31	5/26/2020	D&A Contracting LLC	33	NJ AU742H	Palmerton	750703		Non-Haz Soil	WC04_0-6, 6-11, 11-12	23	24.37	550 Clinton
546	1	5/27/2020	D&A Contracting LLC	36	NJ AU436J	Palmerton	750678		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	28.96	550 Clinton
547	2	5/27/2020	D&A Contracting LLC	17	NJ AT517L	Palmerton	750679		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	29.69	550 Clinton
548	3	5/27/2020	D&A Contracting LLC	45	NJ AU371W	Palmerton	750680		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	25.32	550 Clinton
549	4	5/27/2020	D&A Contracting LLC	24	NJ AT715T	Palmerton	750681		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	29.39	550 Clinton
550	5	5/27/2020	D&A Contracting LLC	46	NJ AU372W	Palmerton	750682		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	24.86	550 Clinton
551	6	5/27/2020	D&A Contracting LLC	31	NJ AU740H	Palmerton	750683		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	26.66	550 Clinton
552	7	5/27/2020	D&A Contracting LLC	12	NJ AW857D	Palmerton	750684		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	21.12	550 Clinton
553	8	5/27/2020	D&A Contracting LLC	40	NJ AU426R	Palmerton	750685		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	21.96	550 Clinton
554	9	5/27/2020	D&A Contracting LLC	27	NJ AU873D	Palmerton	750686		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	30.84	550 Clinton
555	10	5/27/2020	D&A Contracting LLC	13	NJ AS500Y	Palmerton	750687		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	24.52	550 Clinton
556	11	5/27/2020	D&A Contracting LLC	19	NJ T879N	Palmerton	750688		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	27.90	550 Clinton
557	12	5/27/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	750689		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	19.23	550 Clinton
558	13	5/27/2020	D&A Contracting LLC	37	NJ AU521N	Palmerton	750690		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	20.27	550 Clinton
559	14	5/27/2020	D&A Contracting LLC	48	NJ AU328Y	Palmerton	750691		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	19.41	550 Clinton
560	15	5/27/2020	D&A Contracting LLC	5	NJ AS676N	Palmerton	750692		Non-Haz Soil	WC04_0-6, 6-11, 11-12, WC05_0-6, 6-11, 11-12	23	26.37	550 Clinton

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons							Soil Broker:	N/A
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48							Job#:	170384501
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68								
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22								
NJ Zinc - West Plant (Palmernton)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63								
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71								
						Total Tons	24059.72								
Transporter Info						Waste Tracking						Disposal Facility Info			
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)		
561	1	5/28/2020	D&A Contracting LLC	45	NJ AU371W	Palmernton	750693		Non-Haz Soil	WC04_0-6, WC04_6-11	23	26.81	550 Clinton		
562	2	5/28/2020	Jencar Trucking	62	NJ AS595U	Palmernton	750694		Non-Haz Soil	WC04_0-6, WC04_6-11	23	26.78	550 Clinton		
563	3	5/28/2020	D&A Contracting LLC	46	NJ AU372W	Palmernton	750695		Non-Haz Soil	WC04_0-6, WC04_6-11	23	26.96	550 Clinton		
564	4	5/28/2020	D&A Contracting LLC	9	NJ AS463U	Palmernton	750696		Non-Haz Soil	WC04_0-6, WC04_6-11	23	29.90	550 Clinton		
565	5	5/28/2020	D&A Contracting LLC	39	NJ AU522N	Palmernton	750697		Non-Haz Soil	WC04_0-6, WC04_6-11	23	27.89	550 Clinton		
566	6	5/28/2020	D&A Contracting LLC	343	NJ AW858D	Palmernton	750698		Non-Haz Soil	WC04_0-6, WC04_6-11	23	26.18	550 Clinton		
567	7	5/28/2020	D&A Contracting LLC	28	NJ AU995D	Palmernton	750699		Non-Haz Soil	WC04_0-6, WC04_6-11	23	29.11	550 Clinton		
568	8	5/28/2020	D&A Contracting LLC	41	NJ AU427R	Palmernton	750700		Non-Haz Soil	WC04_0-6, WC04_6-11	23	25.64	550 Clinton		
569	9	5/28/2020	D&A Contracting LLC	10	NJ AS461U	Palmernton	750701		Non-Haz Soil	WC04_0-6, WC04_6-11	23	28.26	550 Clinton		
570	10	5/28/2020	D&A Contracting LLC	3	NJ AT515L	Palmernton	750702		Non-Haz Soil	WC04_0-6, WC04_6-11	23	27.25	550 Clinton		
571	11	5/28/2020	D&A Contracting LLC	5	NJ AS646R	Palmernton	750148		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	30.58	550 Clinton		
572	12	5/28/2020	D&A Contracting LLC	49	NJ AU329Y	Palmernton	750149		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	27.16	550 Clinton		
573	1	5/29/2020	D&A Contracting LLC	44	NJ AU825U	Palmernton	750601		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	31.08	550 Clinton		
574	2	5/29/2020	D&A Contracting LLC	343	NJ AW858D	Palmernton	750602		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	27.48	550 Clinton		
575	3	5/29/2020	D&A Contracting LLC	19	NJ AT879N	Palmernton	750603		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	28.25	550 Clinton		
576	4	5/29/2020	D&A Contracting LLC	13	NJ AS500Y	Palmernton	750604		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	25.62	550 Clinton		
577	5	5/29/2020	D&A Contracting LLC	34	NJ AU435J	Palmernton	750605		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	21.44	550 Clinton		
578	6	5/29/2020	D&A Contracting LLC	17	NJ AU517L	Palmernton	750606		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	23.80	550 Clinton		
579	7	5/29/2020	D&A Contracting LLC	10	NJ AS461U	Palmernton	750607		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	25.14	550 Clinton		
580	8	5/29/2020	D&A Contracting LLC	27	NJ AU873D	Palmernton	750608		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	29.47	550 Clinton		
581	9	5/29/2020	D&A Contracting LLC	37	NJ AU521N	Palmernton	750609		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	25.95	550 Clinton		
582	10	5/29/2020	D&A Contracting LLC	14	NJ AT639C	Palmernton	750610		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	23.54	550 Clinton		
583	11	5/29/2020	D&A Contracting LLC	24	NJ AT715T	Palmernton	750611		Non-Haz Soil	WC04_0-6, WC04_6-11, WC05_0-6	23	23.05	550 Clinton		
584	1	6/1/2020	D&A Contracting LLC	5	NJ AS676N	Bayshore Soil Management	113969		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	36.71	539 Vanderbilt		
585	2	6/1/2020	D&A Contracting LLC	31	NJ AU740H	Bayshore Soil Management	113970		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	33.9	539 Vanderbilt		
586	3	6/1/2020	D&A Contracting LLC	19	NJ AT879N	Bayshore Soil Management	113971		Non-Haz Soil	WC02_6-11, WC02_11-12, WC02_12-18, WC03_6-11, WC03_11-12, WC03_12-18	23	37.63	539 Vanderbilt		
587	4	6/1/2020	D&A Contracting LLC	13	NJ AS500Y	Bayshore Soil Management	109499		Non-Haz Soil	WC03_6-12, WC03_12-18	23	32.33	550 Clinton		
588	5	6/1/2020	D&A Contracting LLC	17	NJ AT517L	Bayshore Soil Management	109500		Non-Haz Soil	WC03_6-12, WC03_12-18	23	37.24	550 Clinton		
589	6	6/1/2020	D&A Contracting LLC	10	NJ AS461U	Bayshore Soil Management	109501		Non-Haz Soil	WC03_6-12, WC03_12-18	23	34.11	550 Clinton		
590	1	6/2/2020	Jencar Trucking	69	NJ AS450Y	Palmernton	750612		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	23.32	550 Clinton		
591	2	6/2/2020	Jencar Trucking	62	NJ AS593U	Palmernton	750613		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	29.92	550 Clinton		
592	3	6/2/2020	Jencar Trucking	71	NJ AT564L	Palmernton	750614		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.11	550 Clinton		
593	4	6/2/2020	Vega	3	NJ AS320S	Palmernton	750615		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.36	550 Clinton		
594	5	6/2/2020	Vega	9	NJ AU140S	Palmernton	750616		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	26.17	550 Clinton		
595	6	6/2/2020	Vega	6	NJ AT826C	Palmernton	750617		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.49	550 Clinton		
596	7	6/2/2020	Jencar Trucking	57	NJ AU467C	Palmernton	750618		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	28.43	550 Clinton		
597	8	6/2/2020	Jencar Trucking	56	NJ AU313C	Palmernton	750619		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.92	550 Clinton		
598	9	6/2/2020	Jencar Trucking	74	NJ AT172H	Palmernton	750620		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	26.19	550 Clinton		
599	10	6/2/2020	Vega	7	NJ AU142S	Palmernton	750621		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.66	550 Clinton		
600	11	6/2/2020	Jencar Trucking	68	NJ AP812A	Palmernton	750622		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.08	550 Clinton		
601	12	6/2/2020	Jencar Trucking	66	NJ AS241G	Palmernton	750623		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	26.62	550 Clinton		
602	13	6/2/2020	Jencar Trucking	60	NJ AT240X	Palmernton	750624		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.17	550 Clinton		
603	14	6/2/2020	Jencar Trucking	72	NJ AW405J	Palmernton	750625		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	28.66	550 Clinton		
604	15	6/2/2020	Vega	8	NJ AU141S	Palmernton	750626		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.79	550 Clinton		
605	16	6/2/2020	D&A Contracting LLC	28	NJ AU995D	Palmernton	750627		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	30.00	550 Clinton		
606	17	6/2/2020	D&A Contracting LLC	51	NJ AU674Y	Palmernton	750628		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	29.79	550 Clinton		
607	18	6/2/2020	D&A Contracting LLC	44	NJ AU825V	Palmernton	750629		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	29.08	550 Clinton		
608	19	6/2/2020	D&A Contracting LLC	343	NJ AW858D	Palmernton	750630		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	24.54	550 Clinton		
609	20	6/2/2020	Vega	5	NJ AT827C	Palmernton	750631		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	24.94	550 Clinton		
610	21	6/2/2020	D&A Contracting LLC	45	NJ AU371W	Palmernton	750632		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.76	550 Clinton		
611	22	6/2/2020	D&A Contracting LLC	34	NJ AU435J	Palmernton	750633		Non-Haz Soil						

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons							Soil Broker:	N/A
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48							Job#:	170384501
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68								
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22								
NJ Zinc - West Plant (Palmerton)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63								
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71								
						Total Tons	24059.72								
Transporter Info							Waste Tracking						Disposal Facility Info		
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)		
629	1	6/4/2020	Jencar Trucking	71	NJ AT564L	Palmerton	750651		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	26.56	550 Clinton		
630	2	6/4/2020	Jencar Trucking	70	NJ AT968D	Palmerton	750652		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	32.68	550 Clinton		
631	3	6/4/2020	Jencar Trucking	72	NJ AW405J	Palmerton	750653		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	29.35	550 Clinton		
632	4	6/4/2020	Jencar Trucking	66	NJ AS241G	Palmerton	750654		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.22	550 Clinton		
633	5	6/4/2020	Jencar Trucking	75	NJ AT318P	Palmerton	750655		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.85	550 Clinton		
634	6	6/4/2020	Vega	6	NJ AT826C	Palmerton	750656		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	23.39	550 Clegton		
635	7	6/4/2020	Vega	9	NJ AU140S	Palmerton	750657		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	22.48	550 Clinton		
636	8	6/4/2020	Vega	7	NJ AU142S	Palmerton	750658		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	28.25	550 Clinton		
637	9	6/4/2020	Manolos Trucking	15	NJ AT773S	Palmerton	750659		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	25.60	550 Clinton		
638	10	6/4/2020	Jencar Trucking	55	NJ AU853R	Palmerton	750660		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	27.21	550 Clinton		
639	11	6/4/2020	HD Logistics	2	NJ AU942R	Palmerton	750661		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	28.22	550 Clinton		
640	12	6/4/2020	Vega	5	NJ AT827C	Palmerton	750662		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	24.30	550 Clinton		
641	13	6/4/2020	Jencar Trucking	59	NJ AT558Y	Palmerton	750663		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	26.99	550 Clinton		
642	14	6/4/2020	Jencar Trucking	68	NJ AP812A	Palmerton	750664		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	24.52	550 Clinton		
643	15	6/4/2020	Jencar Trucking	61	NJ AT296T	Palmerton	750665		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12, WC05_0-6, WC05_6-11, WC05_11-12	23	30.43	550 Clinton		
644	1	6/11/2020	Jencar Trucking	71	NJ AT564L	Palmerton	750666		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.59	550 Clinton		
645	2	6/11/2020	Jencar Trucking	68	NJ AP812A	Palmerton	750667		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	27.05	550 Clinton		
646	3	6/11/2020	Justin Express	1	NJ AU983W	Palmerton	750668		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.13	550 Clinton		
647	4	6/11/2020	SVA	5	NJ AW819K	Palmerton	750669		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.14	550 Clinton		
648	5	6/11/2020	SVA	10	NJ AW956L	Palmerton	750670		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	25.5	550 Clinton		
649	6	6/11/2020	Jencar Trucking	60	NJ AT240X	Palmerton	750671		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	29.98	550 Clinton		
650	7	6/11/2020	Jencar Trucking	66	NJ AS241G	Palmerton	750150		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.7	550 Clinton		
651	8	6/11/2020	Vega	8	NJ AU141S	Palmerton	750151		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	28.3	550 Clinton		
652	9	6/11/2020	Jencar Trucking	58	NJ AT731Y	Palmerton	750152		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.19	550 Clinton		
653	10	6/11/2020	Jencar Trucking	76	NJ AU854R	Palmerton	750153		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.18	550 Clinton		
654	11	6/11/2020	Vega	5	NJ AT827C	Palmerton	750154		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	25.68	550 Clinton		
655	12	6/11/2020	Vega	7	NJ AU142S	Palmerton	750155		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	28.88	550 Clinton		
656	13	6/11/2020	D&A Contracting LLC	36	NJ AU436J	Palmerton	750162		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.83	550 Clinton		
657	14	6/11/2020	HD Logistics	3	NJ AU941R	Palmerton	750163		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	32.93	550 Clinton		
658	15	6/11/2020	HD Logistics	2	NJ AU942R	Palmerton	750164		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	32.25	550 Clinton		
659	1	6/12/2020	Cabrera Transport LLC	24	NJ AU100F	Palmerton	791485		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.37	550 Clinton		
660	2	6/12/2020	Manolos Trucking	16	NJ AU440B	Palmerton	791486		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	22.55	550 Clinton		
661	3	6/12/2020	C. F. Brothers	14	NJ AW132B	Palmerton	791487		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	22.24	550 Clinton		
662	4	6/12/2020	C. F. Brothers	15	NJ AW777M	Palmerton	791488		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.31	550 Clinton		
663	5	6/12/2020	Manolos Trucking	15	NJ AT773S	Palmerton	791489		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	19.88	550 Clinton		
664	6	6/12/2020	C. F. Brothers	12	NJ AS137R	Palmerton	791490		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.9	550 Clinton		
665	7	6/12/2020	Manolos Trucking	20	NJ AW754A	Palmerton	791491		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	24.14	550 Clinton		
666	8	6/12/2020	Manolos Trucking	18	NJ AU205L	Palmerton	791492		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	25.15	550 Clinton		
667	9	6/12/2020	Manolos Trucking	14	NJ AT380H	Palmerton	791493		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.78	550 Clinton		
668	10	6/12/2020	Manolos Trucking	19	NJ AU148N	Palmerton	791494		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	28.03	550 Clinton		
669	11	6/12/2020	Manolos Trucking	17	NJ AU658H	Palmerton	791495		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	24.7	550 Clinton		
670	12	6/12/2020	W. Ojeda & sons	2	NJ AU750G	Palmerton	791496		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	26.97	550 Clinton		
671	13	6/12/2020	W. Ojeda & sons	3	NJ AT644K	Palmerton	791497		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	31.14	550 Clinton		
672	14	6/12/2020	HD Logistics	2	NJ AU942R	Palmerton	791498		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.34	550 Clinton		
673	15	6/12/2020	ARV Transport LLC	12	NJ AW168D	Palmerton	791499		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	31.59	550 Clinton		
674	16	6/12/2020	W. Ojeda & sons	67	NJ AW442G	Palmerton	791500		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	33.02	550 Clinton		
675	17	6/12/2020	W. Ojeda & sons	6	NJ AR175A	Palmerton	791501		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	33.18	550 Clinton		
676	18	6/12/2020	HD Logistics	3	NJ AU941R	Palmerton	791502		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	28.6	550 Clinton		
677	19	6/12/2020	W. Ojeda & sons	1	NJ AT121B	Palmerton	791503		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.06	550 Clinton		
678	20	6/12/2020	W. Ojeda & sons	4	NJ AS484S	Palmerton	791504		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	30.72	550 Clinton		
679	21	6/12/2020	W. Ojeda & sons	5	NJ AS218L	Palmerton	791505		Non-Haz Soil	WC04_0-6, WC04_6-11, WC04_11-12,W04_12-18, WC05_0-6, WC05_6-11, WC05_11-12,WC05_12-18	23	28.99	550 Clinton		

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:	808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons								Soil Broker:	N/A
Republic Environmental Systems, LLC (Stericycle)	3	Loads	50.34	CY	Hazardous Soil	70.48								Job#:	170384501
US Ecology (York)	35	Loads	597.63	CY	Hazardous Soil	836.68									
Bayshore Soil Management	271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22									
NJ Zinc - West Plant (Palmerton)	448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63									
Taylor's Lane Reclamation Project	51	Loads	1224.08	CY	Clean Fill	1713.71									
						Total Tons	24059.72								
Transporter Info							Waste Tracking						Disposal Facility Info		
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location		Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)	
680	1	6/17/2020	SVA	10	NJ AW956L	Palmerton	750165		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	25.31	550 Clinton	
681	2	6/17/2020	SVA	6	NJ AW106M	Palmerton	750166		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	27.74	550 Clinton	
682	3	6/17/2020	SVA	2	NJ AU411Y	Palmerton	750167		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	26.63	550 Clinton	
683	4	6/17/2020	SVA	11	NJ AW957L	Palmerton	750168		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	26.19	550 Clinton	
684	5	6/17/2020	SVA	1	NJ AW107M	Palmerton	750169		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	27.75	550 Clinton	
685	6	6/17/2020	Vega	3	NJ AS320S	Palmerton	750170		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	23.95	550 Clinton	
686	7	6/17/2020	SVA	9	NJ AU740U	Palmerton	750171		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	28.21	550 Clinton	
687	8	6/17/2020	SVA	5	NJ AW819K	Palmerton	750172		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	29.32	550 Clinton	
688	9	6/17/2020	Vega	5	NJ AT827C	Palmerton	750173		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	23.36	550 Clinton	
689	10	6/17/2020	Vega	8	NJ AU141S	Palmerton	750174		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	24.84	550 Clinton	
690	11	6/17/2020	W. Ojeda & sons	1	NJ AT121B	Palmerton	750175		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	29.89	550 Clinton	
691	12	6/17/2020	Vega	6	NJ AT826C	Palmerton	750176		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	24.38	550 Clinton	
692	13	6/17/2020	W. Ojeda & sons	6	NJ AR175A	Palmerton	750177		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	26.87	550 Clinton	
693	14	6/17/2020	W. Ojeda & sons	7	NJ AW442G	Palmerton	750178		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	28.37	550 Clinton	
694	15	6/17/2020	Manolos Trucking	8	NJ AS126P	Palmerton	750179		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	22.24	550 Clinton	
695	16	6/17/2020	Vega	7	NJ AU142S	Palmerton	750180		Non-Haz Soil	WC04_6-11, WC04_11-12, WC05_6-11, WC-05_11-12		23	29.41	550 Clinton	
696	1	8/19/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	792251		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	27.62	550 Clinton	
697	2	8/19/2020	D&A Contracting LLC	27	NJ AU573D	Palmerton	792252		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	27.70	550 Clinton	
698	3	8/19/2020	D&A Contracting LLC	52	NJ AW840A	Palmerton	792253		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	27.27	550 Clinton	
699	4	8/19/2020	D&A Contracting LLC	29	NJ AU435F	Palmerton	792254		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	28.65	550 Clinton	
700	5	8/19/2020	D&A Contracting LLC	42	NJ AU273U	Palmerton	792255		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	24.60	550 Clinton	
701	6	8/19/2020	D&A Contracting LLC	31	NJ AU740H	Palmerton	792256		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	25.13	550 Clinton	
702	7	8/19/2020	D&A Contracting LLC	19	NJ AT879N	Palmerton	792257		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	33.76	550 Clinton	
703	8	8/19/2020	D&A Contracting LLC	13	NJ AS500Y	Palmerton	792258		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	24.17	550 Clinton	
704	9	8/19/2020	D&A Contracting LLC	51	NJ AU674Y	Palmerton	792259		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	25.51	550 Clinton	
705	10	8/19/2020	D&A Contracting LLC	40	NJ AU426R	Palmerton	792260		Non-Haz Soil & Clean Fill	WC04_12-18, WC04/05_18-26		23	25.32	550 Clinton	
706	1	8/20/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	750242		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.39	550 Clinton	
707	2	8/20/2020	D&A Contracting LLC	27	NJ AU873D	Palmerton	750243		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.82	550 Clinton	
708	3	8/20/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	750244		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.09	550 Clinton	
709	4	8/20/2020	D&A Contracting LLC	5	NJ AS767N	Palmerton	750245		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	25.37	550 Clinton	
710	5	8/20/2020	D&A Contracting LLC	40	NJ AU426R	Palmerton	750246		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	24.67	550 Clinton	
711	6	8/20/2020	D&A Contracting LLC	36	NJ AU426J	Palmerton	750247		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	29.24	550 Clinton	
712	7	8/20/2020	D&A Contracting LLC	33	NJ AU742H	Palmerton	750248		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.00	550 Clinton	
713	8	8/20/2020	D&A Contracting LLC	12	NJ AW857D	Palmerton	750249		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	21.28	550 Clinton	
714	9	8/20/2020	D&A Contracting LLC	39	NJ AU522N	Palmerton	750250		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	23.44	550 Clinton	
715	10	8/20/2020	D&A Contracting LLC	46	NJ AU372W	Palmerton	750251		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.28	550 Clinton	
716	11	8/20/2020	D&A Contracting LLC	45	NJ AU371W	Palmerton	750252		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.85	550 Clinton	
717	12	8/20/2020	D&A Contracting LLC	24	NJ AT715T	Palmerton	750253		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	23.65	550 Clinton	
718	13	8/20/2020	D&A Contracting LLC	27	NJ AU873D	Palmerton	750254		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	23.72	550 Clinton	
719	14	8/20/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	750255		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	24.73	550 Clinton	
720	15	8/20/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	750256		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.14	550 Clinton	
721	1	8/21/2020	SVA	3	NJ AU949Z	Palmerton	750227		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	29.08	550 Clinton	
722	2	8/21/2020	SVA	9	NJ AU740U	Palmerton	750228		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	25.98	550 Clinton	
723	3	8/21/2020	SVA	10	NJ AW956L	Palmerton	750229		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.85	550 Clinton	
724	4	8/21/2020	SVA	8	NJ AU662Z	Palmerton	750230		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	25.80	550 Clinton	
725	5	8/21/2020	SVA	5	NJ AW819K	Palmerton	750231		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	28.71	550 Clinton	
726	6	8/21/2020	SVA	6	NJ AW106M	Palmerton	750232		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.14	550 Clinton	
727	7	8/21/2020	Tommy Trucking	22	NJ AU514N	Palmerton	750233		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	29.36	550 Clinton	
728	8	8/21/2020	D&A Contracting LLC	19	NJ AT879N	Palmerton	750234		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.03	550 Clinton	
729	9	8/21/2020	D&A Contracting LLC	36	NJ AU436J	Palmerton	750235		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	29.67	550 Clinton	
730	10	8/21/2020	D&A Contracting LLC	33	NJ AU742H	Palmerton	750236		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.01	550 Clinton	
731	11	8/21/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	750237		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.60	550 Clinton	
732	12	8/21/2020	D&A Contracting LLC	51	NJ AU674Y	Palmerton	750238		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.58	550 Clinton	
733	13	8/21/2020	D&A Contracting LLC	17	NJ AT517L	Palmerton	750239		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	25.10	550 Clinton	
734	14	8/21/2020	D&A Contracting LLC	13	NJ AS500Y	Palmerton	750240		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	25.90	550 Clinton	
735	15	8/21/2020	D&A Contracting LLC	18	NJ AT878N	Palmerton	750241		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	29.92	550 Clinton	
736	16	8/21/2020	D&A Contracting LLC	23	NJ AT953G	Palmerton	750257		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.74	550 Clinton	
737	17	8/21/2020	Tommy Trucking	29	NJ AU435F	Palmerton	750258		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	27.40	550 Clinton	
738	18	8/21/2020	D&A Contracting LLC	20	NJ AT880N	Palmerton	750259		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	26.06	550 Clinton	
739	19	8/21/2020	D&A Contracting LLC	9	NJ AS463U	Palmerton	750260		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26		23	24.19	550 Clinton	

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805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons						
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48	Soil Broker: N/A Job#: 170384501					
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68						
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22						
NJ Zinc - West Plant (Palmerston)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63						
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71						
						Total Tons	24059.72						
Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
740	1	9/2/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109476		Non-Haz Soil & Clean Fill	WC05_12-18	23	26.56	550 Clinton
741	2	9/2/2020	D&A Contracting LLC	44	NJ AU825V	Bayshore Soil Management	109477		Non-Haz Soil & Clean Fill	WC05_12-18	23	31.58	550 Clinton
742	3	9/2/2020	D&A Contracting LLC	27	NJ AU873D	Bayshore Soil Management	109478		Non-Haz Soil & Clean Fill	WC05_12-18	23	29.63	550 Clinton
743	4	9/2/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109479		Non-Haz Soil & Clean Fill	WC05_12-18	23	27.96	550 Clinton
744	5	9/2/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109480		Non-Haz Soil & Clean Fill	WC05_12-18	23	30.01	550 Clinton
745	6	9/2/2020	D&A Contracting LLC	45	NJ AU371W	Bayshore Soil Management	109481		Non-Haz Soil & Clean Fill	WC05_12-18	23	34.23	550 Clinton
746	7	9/2/2020	D&A Contracting LLC	44	NJ AU825V	Bayshore Soil Management	109482		Non-Haz Soil & Clean Fill	WC05_12-18	23	33.29	550 Clinton
747	8	9/2/2020	D&A Contracting LLC	24	NJ AT715T	Bayshore Soil Management	109483		Non-Haz Soil & Clean Fill	WC05_12-18	23	30.84	550 Clinton
748	9	9/2/2020	D&A Contracting LLC	12	NJ AW857D	Bayshore Soil Management	109484		Non-Haz Soil & Clean Fill	WC05_12-18	23	31.16	550 Clinton
749	10	9/2/2020	D&A Contracting LLC	20	NJ AT880N	Bayshore Soil Management	109485		Non-Haz Soil & Clean Fill	WC05_12-18	23	29.54	550 Clinton
750	11	9/2/2020	D&A Contracting LLC	44	NJ AU873D	Bayshore Soil Management	109486		Non-Haz Soil & Clean Fill	WC05_12-18	23	32.95	550 Clinton
751	12	9/2/2020	D&A Contracting LLC	12	NJ AW857D	Palmerston	750217		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	25.40	550 Clinton
752	13	9/2/2020	D&A Contracting LLC	51	NJ AU674Y	Palmerston	750218		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	30.29	550 Clinton
753	14	9/2/2020	D&A Contracting LLC	36	NJ AU436J	Palmerston	750219		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	28.30	550 Clinton
754	15	9/2/2020	D&A Contracting LLC	18	NJ AT878N	Palmerston	750220		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.03	550 Clinton
755	1	9/10/2020	DSM	10	NJ AU537X	Palmerston	750221		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	33.48	550 Clinton
756	2	9/10/2020	DSM	28	NJ AU342R	Palmerston	750222		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	31.99	550 Clinton
757	3	9/10/2020	Cabrera Transport LLC	11	NJ AW472E	Palmerston	792261		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	33.77	550 Clinton
758	4	9/10/2020	Serpa Express LLC	3	NJ AS444X	Palmerston	792262		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	37.41	550 Clinton
759	5	9/10/2020	W. Ojeda & sons	2	NJ AU750G	Palmerston	792263		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	22.72	550 Clinton
760	6	9/10/2020	D&A Contracting LLC	37	NJ AU521N	Bayshore Soil Management	109487		Non-Haz Soil & Clean Fill	WC05_12-18	23	35.57	550 Clinton
761	7	9/10/2020	D&A Contracting LLC	41	NJ AU427R	Bayshore Soil Management	109488		Non-Haz Soil & Clean Fill	WC05_12-18	23	26.81	550 Clinton
762	8	9/10/2020	D&A Contracting LLC	53	NJ AW562C	Bayshore Soil Management	109489		Non-Haz Soil & Clean Fill	WC05_12-18	23	36.20	550 Clinton
763	9	9/10/2020	W. Ojeda & sons	7	NJ AW442G	Bayshore Soil Management	109490		Non-Haz Soil & Clean Fill	WC05_12-18	23	31.79	550 Clinton
764	10	9/10/2020	W. Ojeda & sons	3	NJ AT644K	Bayshore Soil Management	109491		Non-Haz Soil & Clean Fill	WC05_12-18	23	31.31	550 Clinton
765	11	9/10/2020	G. Gomez Trucking	2	NJ AW799P	Bayshore Soil Management	109492		Non-Haz Soil & Clean Fill	WC05_12-18	23	33.44	550 Clinton
766	1	9/11/2020	D&A Contracting LLC	25	NJ AU872D	Palmerston	792264		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	31.54	550 Clinton
767	2	9/11/2020	D&A Contracting LLC	31	NJ AU740H	Palmerston	792265		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	30.31	550 Clinton
768	3	9/11/2020	D&A Contracting LLC	3	NJ AT515L	Palmerston	792266		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.75	550 Clinton
769	4	9/11/2020	D&A Contracting LLC	36	NJ AU436J	Palmerston	792267		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	32.22	550 Clinton
770	5	9/11/2020	D&A Contracting LLC	24	NJ AT715T	Palmerston	792268		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	28.79	550 Clinton
771	6	9/11/2020	D&A Contracting LLC	18	NJ AT878N	Palmerston	792269		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.87	550 Clinton
772	1	9/15/2020	D&A Contracting LLC	43	NJ AU707U	Bayshore Soil Management	109495		Non-Haz Soil & Clean Fill	WC05_12-18	23	34.62	550 Clinton
773	2	9/15/2020	D&A Contracting LLC	4	NJ AW859D	Bayshore Soil Management	113949		Non-Haz Soil & Clean Fill	WC05_12-18	23	33.96	550 Clinton
774	3	9/15/2020	D&A Contracting LLC	35	NJ AU520N	Bayshore Soil Management	113950		Non-Haz Soil & Clean Fill	WC05_12-18	23	33.82	550 Clinton
775	4	9/15/2020	Cabrera Transport LLC	8	NJ AU514L	Bayshore Soil Management	113951		Non-Haz Soil & Clean Fill	WC05_12-18	23	32.44	550 Clinton
776	5	9/15/2020	Cabrera Transport LLC	24	NJ AU100F	Bayshore Soil Management	113952		Non-Haz Soil & Clean Fill	WC05_12-18	23	34.27	550 Clinton
777	6	9/15/2020	Cabrera Transport LLC	11	NJ AW473E	Bayshore Soil Management	113953		Non-Haz Soil & Clean Fill	WC05_12-18	23	34.73	550 Clinton
778	7	9/15/2020	D&A Contracting LLC	43	NJ AU707U	Bayshore Soil Management	113954		Non-Haz Soil & Clean Fill	WC05_12-18	23	35.00	550 Clinton
779	8	9/15/2020	D&A Contracting LLC	29	NJ AU435F	Bayshore Soil Management	113955		Non-Haz Soil & Clean Fill	WC05_12-18	23	37.92	550 Clinton
780	9	9/15/2020	Cabrera Transport LLC	3	NJ AU692P	Palmerston	792270		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	29.85	550 Clinton

Table 3
Soil Disposal Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No. C224228
Langan Project No.: 170384501

Disposal Facility:		808	Loads	17185.51	cubic yards (CY)	Waste Type	Tons						
Republic Environmental Systems, LLC (Stericycle)		3	Loads	50.34	CY	Hazardous Soil	70.48						
US Ecology (York)		35	Loads	597.63	CY	Hazardous Soil	836.68						
Bayshore Soil Management		271	Loads	6575.87	CY	Non-Hazardous Soil	9206.22						
NJ Zinc - West Plant (Palmerton)		448	Loads	8737.59	CY	Non-Hazardous Soil	12232.63						
Taylor's Lane Reclamation Project		51	Loads	1224.08	CY	Clean Fill	1713.71						
						Total Tons	24059.72						
Transporter Info						Waste Tracking						Disposal Facility Info	
Total Load Count	Daily Total	Date	Hauler Name	Truck #	Plate #	Receiving Facility	Manifest No.	Material Type	Material Type	Source Location	Quantity (Yards)	Tons	Site Area (550 Clinton or 539 Vanderbilt)
781	1	9/17/2020	SVA	5	NJ AW819K	Palmerton	750223		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	32.67	550 Clinton
782	2	9/17/2020	SVA	11	NJ AW957K	Palmerton	750224		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.79	550 Clinton
783	3	9/17/2020	HD Logistics	2	NJ AU942R	Palmerton	750225		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.65	550 Clinton
784	4	9/17/2020	HD Logistics	3	NJ AU941R	Palmerton	792273		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	37.17	550 Clinton
785	5	9/17/2020	D&A Contracting LLC	45	NJ AU371W	Palmerton	792274		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	29.70	550 Clinton
786	6	9/17/2020	HD Logistics	4	NJ AU943R	Palmerton	792275		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	33.33	550 Clinton
787	7	9/17/2020	D&A Contracting LLC	39	NJ AU522N	Palmerton	792276		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.20	550 Clinton
788	8	9/17/2020	D&A Contracting LLC	31	NJ AU740H	Palmerton	792277		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.90	550 Clinton
789	9	9/17/2020	D&A Contracting LLC	24	NJ AT715T	Palmerton	792278		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.79	550 Clinton
790	10	9/17/2020	HD Logistics	2	NJ AU942R	Palmerton	792279		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.08	550 Clinton
791	1	9/18/2020	D&A Contracting LLC	8	NJ AW560L	Palmerton	792280		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	23.91	550 Clinton
792	2	9/18/2020	HD Logistics	2	NJ AU942R	Palmerton	792281		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	28.26	550 Clinton
793	3	9/18/2020	D&A Contracting LLC	343	NJ AW858D	Palmerton	792282		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.75	550 Clinton
794	4	9/18/2020	SVA	5	NJ AW819K	Palmerton	792283		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	33.79	550 Clinton
795	5	9/18/2020	D&A Contracting LLC	49	NJ AU825U	Palmerton	792284		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	28.76	550 Clinton
796	6	9/18/2020	D&A Contracting LLC	5	NJ AU674Y	Palmerton	792285		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.16	550 Clinton
797	7	9/18/2020	D&A Contracting LLC	53	NJ AW562C	Palmerton	792286		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	23.16	550 Clinton
798	8	9/18/2020	D&A Contracting LLC	52	NJ AW840A	Palmerton	792287		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	25.89	550 Clinton
799	1	9/21/2020	HD	15	NJ AW882K	Palmerton	792288		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	31.47	550 Clinton
800	2	9/21/2020	Jhonatan Trucking LLC	2	NJ AT827Z	Palmerton	792289		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	33.52	550 Clinton
801	3	9/21/2020	Jhonatan Trucking LLC	16	NJ AW883K	Palmerton	792290		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	28.70	550 Clinton
802	4	9/21/2020	SVA	6	NJ AW106M	Palmerton	792291		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.08	550 Clinton
803	5	9/21/2020	Jhonatan Trucking LLC	5	NJ AU357H	Palmerton	792292		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.04	550 Clinton
804	6	9/21/2020	SVA	3	NJ AU947Z	Palmerton	792293		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	29.31	550 Clinton
805	7	9/21/2020	SVA	10	NJ AW956L	Palmerton	792294		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	26.03	550 Clinton
806	8	9/21/2020	HD Logistics	2	NJ AU942R	Palmerton	792295		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	18.57	550 Clinton
807	9	9/21/2020	DSM	16	NJ AU395G	Palmerton	792296		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	29.31	550 Clinton
808	10	9/21/2020	DSM	1	NJ AS792U	Palmerton	792297		Non-Haz Soil & Clean Fill	WC04_12-18, WC05_12-18, WC04/05_18-26	23	27.64	550 Clinton

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP01	EP02	EP03	EP04	EP05	EP06	EP07	EP08	EP09	EP10	EP11	EP12	EP13	EP14	EP15	EP16
			Sample Name	EP01_EL56	EP02_EL56	EP03_EL56	EP04_EL56	EP05_EL48	EP06_EL56	EP07_EL56	EP08_EL56	EP09_EL56	EP10_EL56	EP11_EL56	EP12_EL55	EP13_EL56	EP14_EL56	EP15_EL57	EP16_EL60
			Sample Date	05/19/2020	05/20/2020	05/20/2020	05/19/2020	05/19/2020	05/20/2020	05/19/2020	05/19/2020	05/19/2020	05/21/2020	05/21/2020	05/26/2020	05/21/2020	05/26/2020	07/08/2020	08/11/2020
			Sample Elevation	56	56	56	56	48	56	56	56	56	56	56	55	56	56	57	60
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 UJ
1,1,1-Trichloroethane	71-55-6	100	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	mg/kg	<0.002 UJ	<0.002 UJ	<0.0024 UJ	<0.0022 UJ	<0.0026 UJ	<0.0021 UJ	<0.0025 UJ	<0.0021 UJ	<0.0023 UJ	<0.0023 UJ	<0.0021 UJ	<0.002 UJ	<0.0022 UJ	<0.0022 UJ	<0.0021 U	<0.0024 U
1,1,2-Trichloroethane	79-00-5	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,1-Dichloroethane	75-34-3	26	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 UJ	<0.0022 U	<0.0022 UJ	<0.0021 U	<0.0024 U
1,1-Dichloroethene	75-35-4	100	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 UJ	<0.0022 U	<0.0022 UJ	<0.0021 U	<0.0024 U
1,2,3-Trichlorobenzene	87-61-6	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,2,3-Trichloropropane	96-18-4	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,2,4-Trichlorobenzene	120-82-1	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 UJ
1,2,4-Trimethylbenzene	95-63-6	52	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 UJ
1,2-Dibromo-3-Chloropropane	96-12-8	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 UJ	<0.0021 UJ	<0.002 U	<0.0022 UJ	<0.0022 U	<0.0021 U	<0.0024 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,2-Dichlorobenzene	95-50-1	100	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,2-Dichloroethane	107-06-2	3.1	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,2-Dichloropropane	78-87-5	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	52	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,3-Dichlorobenzene	541-73-1	49	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,4-Dichlorobenzene	106-46-7	13	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
1,4-Dioxane (P-Dioxane)	123-91-1	13	mg/kg	<0.04 UJ	<0.039 UJ	<0.047 UJ	<0.044 UJ	<0.051 UJ	<0.042 UJ	<0.05 UJ	<0.043 UJ	<0.046 UJ	<0.047 UJ	<0.042 UJ	<0.04 U	<0.044 UJ	<0.044 U	<0.043 U	<0.048 U
2-Hexanone (MBK)	591-78-6	NS	mg/kg	<0.002 UJ	<0.002 U	<0.0024 U	<0.0022 UJ	<0.0026 UJ	<0.0021 U	<0.0025 UJ	<0.0021 UJ	<0.0023 UJ	<0.0023 UJ	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
Acetone	67-64-1	100	mg/kg	0.033 J	<0.0039 UJ	<0.0047 UJ	0.054 J	0.049 J	<0.0042 UJ	0.054 J	0.12 J	0.041 J	<0.0047 UJ	<0.0042 UJ	<0.004 UJ	<0.0044 UJ	<0.0044 UJ	<0.0043 U	<0.0048 UJ
Acrolein	107-02-8	NS	mg/kg	<0.004 U	<0.0039 U	<0.0047 U	<0.0044 U	<0.0051 U	<0.0042 U	<0.005 U	<0.0043 U	<0.0046 U	<0.0047 U	<0.0042 U	<0.004 U	<0.0044 U	<0.0044 U	<0.0043 U	<0.0048 U
Acrylonitrile	107-13-1	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
Benzene	71-43-2	4.8	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 UJ	<0.0022 U	<0.0022 UJ	<0.0021 U	<0.0024 U
Bromochloromethane	74-97-5	NS	mg/kg	<0.002 U	<0.002 UJ	<0.0024 UJ	<0.0022 U	<0.0026 U	<0.0021 UJ	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 U
Bromodichloromethane	75-27-4	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 UJ
Bromoform	75-25-2	NS	mg/kg	<0.002 U	<0.002 U	<0.0024 U	<0.0022 U	<0.0026 U	<0.0021 U	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<0.0022 U	<0.0021 U	<0.0024 UJ
Bromomethane	74-83-9	NS	mg/kg	<0.002 U	<0.002 UJ	<0.0024 UJ	<0.0022 U	<0.0026 U	<0.0021 UJ	<0.0025 U	<0.0021 U	<0.0023 U	<0.0023 U	<0.0021 U	<0.002 U	<0.0022 U	<		

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP01	EP02	EP03	EP04	EP05	EP06	EP07	EP08	EP09	EP10	EP11	EP12	EP13	EP14	EP15	EP16
			Sample Name	EP01_EL56	EP02_EL56	EP03_EL56	EP04_EL56	EP05_EL48	EP06_EL56	EP07_EL56	EP08_EL56	EP09_EL56	EP10_EL56	EP11_EL56	EP12_EL55	EP13_EL56	EP14_EL56	EP15_EL57	EP16_EL60
			Sample Date	05/19/2020	05/20/2020	05/20/2020	05/19/2020	05/19/2020	05/20/2020	05/19/2020	05/19/2020	05/19/2020	05/21/2020	05/21/2020	05/26/2020	05/21/2020	05/26/2020	07/08/2020	08/11/2020
			Sample Elevation	56	56	56	56	48	56	56	56	56	56	56	55	56	56	57	60
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 U	<0.0869 U	<0.0915 U	<0.0884 U	<0.0904 U
1,2-Diphenylhydrazine	122-66-7	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0446 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 UJ	<0.0435 U	<0.0459 UJ	<0.0443 U	<0.0453 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 U	<0.0869 U	<0.0915 U	<0.0884 U	<0.0904 UJ
2,4,5-Trichlorophenol	95-95-4	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2,4,6-Trichlorophenol	88-06-2	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2,4-Dichlorophenol	120-83-2	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2,4-Dimethylphenol	105-67-9	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2,4-Dinitrophenol	51-28-5	NS	mg/kg	<0.0856 UJ	<0.0894 UJ	<0.0888 UJ	<0.0911 UJ	<0.0984 UJ	<0.0896 UJ	<0.0875 UJ	<0.0889 UJ	<0.092 UJ	<0.0831 UJ	<0.0838 UJ	<0.141 UJ	<0.0869 UJ	<0.0915 UJ	<0.0884 U	<0.0904 UJ
2,4-Dinitrotoluene	121-14-2	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 UJ	<0.0435 U	<0.0459 UJ	<0.0443 U	<0.0453 UJ
2,6-Dinitrotoluene	606-20-2	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 UJ	<0.0435 U	<0.0459 UJ	<0.0443 U	<0.0453 UJ
2-Chloronaphthalene	91-58-7	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2-Chlorophenol	95-57-8	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2-Methylnaphthalene	91-57-6	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2-Methylphenol (o-Cresol)	95-48-7	100	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
2-Nitroaniline	88-74-4	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 U	<0.0869 U	<0.0915 U	<0.0884 U	<0.0904 UJ
2-Nitrophenol	88-75-5	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	100	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
3,3'-Dichlorobenzidine	91-94-1	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
3-Nitroaniline	99-09-2	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 U	<0.0869 U	<0.0915 U	<0.0884 U	<0.0904 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	NS	mg/kg	<0.0856 UJ	<0.0894 UJ	<0.0888 UJ	<0.0911 UJ	<0.0984 UJ	<0.0896 UJ	<0.0875 UJ	<0.0889 UJ	<0.092 UJ	<0.0831 UJ	<0.0838 UJ	<0.141 UJ	<0.0869 UJ	<0.0915 UJ	<0.0884 U	<0.0904 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
4-Chloro-3-Methylphenol	59-50-7	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
4-Chloroaniline	106-47-8	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	<0.0446 U	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
4-Nitroaniline	100-01-6	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 U	<0.0869 U	<0.0915 U	<0.0884 U	<0.0904 UJ
4-Nitrophenol	100-02-7	NS	mg/kg	<0.0856 U	<0.0894 U	<0.0888 U	<0.0911 U	<0.0984 U	<0.0896 U	<0.0875 U	<0.0889 U	<0.092 U	<0.0831 U	<0.0838 U	<0.141 UJ	<0.0869 U	<0.0915 UJ	<0.0884 U	<0.0904 UJ
Acenaphthene	83-32-9	100	mg/kg	<0.0429 U	<0.0448 U	<0.0445 U	<0.0457 U	<0.0493 U	<0.0449 U	<0.0438 U	0.0966 D	<0.0461 U	<0.0416 U	<0.042 U	<0.0708 U	<0.0435 U	<0.0459 U	<0.0443 U	<0.0453 U
Acen																			

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP01	EP02	EP03	EP04	EP05	EP06	EP07	EP08	EP09	EP10	EP11	EP12	EP13	EP14	EP15	EP16
			Sample Name	EP01_EL56	EP02_EL56	EP03_EL56	EP04_EL56	EP05_EL48	EP06_EL56	EP07_EL56	EP08_EL56	EP09_EL56	EP10_EL56	EP11_EL56	EP12_EL55	EP13_EL56	EP14_EL56	EP15_EL57	EP16_EL60
			Sample Date	05/19/2020	05/20/2020	05/20/2020	05/19/2020	05/19/2020	05/26/2020	05/19/2020	05/19/2020	05/19/2020	05/21/2020	05/21/2020	05/26/2020	05/21/2020	05/26/2020	07/08/2020	08/11/2020
			Sample Elevation	56	56	56	56	48	56	56	56	56	56	56	55	56	56	57	60
Unit				Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Pesticides																			
4,4'-DDD	72-54-8	13	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
4,4'-DDE	72-55-9	8.9	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	0.0532 J	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
4,4'-DDT	50-29-3	7.9	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Aldrin	309-00-2	0.097	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.48	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Alpha Chlordane	5103-71-9	4.2	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Alpha Endosulfan	959-98-8	24	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.36	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Beta Endosulfan	33213-65-9	24	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Chlordane (alpha and gamma)	57-74-9	NS	mg/kg	<0.0338 U	<0.0351 U	<0.0353 U	<0.036 U	<0.0389 U	<0.0352 U	<0.0346 U	<0.0358 U	<0.0367 U	<0.0327 U	<0.0327 U	<0.0384 U	<0.0341 U	<0.0363 U	<0.035 U	<0.0359 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	100	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Dieldrin	60-57-1	0.2	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Endosulfan Sulfate	1031-07-8	24	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Endrin	72-20-8	11	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Endrin Aldehyde	7421-93-4	NS	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Endrin Ketone	53494-70-5	NS	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Gamma Bhc (Lindane)	58-89-9	1.3	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Gamma-Chlordane	5566-34-7	NS	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Heptachlor	76-44-8	2.1	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	0.00935 J	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Heptachlor Epoxide	1024-57-3	NS	mg/kg	<0.00169 U	<0.00176 U	<0.00176 U	<0.0018 U	<0.00195 U	<0.00176 U	<0.00173 U	<0.00179 U	<0.00183 U	<0.00163 U	<0.00164 U	<0.00192 U	<0.00171 U	<0.00182 U	<0.00175 U	<0.00179 U
Methoxychlor	72-43-5	NS	mg/kg	<0.00844 U	<0.00878 U	<0.00881 U	<0.00901 U	<0.00973 U	<0.00881 U	<0.00876 U	<0.00894 U	<0.00881 U	<0.00816 U	<0.00818 U	<0.00961 U	<0.00854 U	<0.00909 U	<0.00875 U	<0.00897 U
Toxaphene	8001-35-2	NS	mg/kg	<0.0855 U	<0.0889 U	<0.0892 U	<0.0912 U	<0.0985 U	<0.0891 U	<0.0876 U	<0.0905 U	<0.0928 U	<0.0826 U	<0.0828 U	<0.0972 U	<0.0864 U	<0.092 U	<0.0885 U	<0.0908 U
Metals																			
Aluminum	7429-90-5	NS	mg/kg	5560 J	6940 J	6630 J	6730 J	5960 J	7450 J	5820 J	8300 J	6310 J	6350 J	7010 J	6440 B	5700 J	12400 B	8040	7050
Antimony	7440-36-0	NS	mg/kg	<2.6 UJ	<2.69 UJ	<2.69 UJ	<2.77 UJ	<3 UJ	<2.7 UJ	<2.63 UJ	<2.72 UJ	<2.83 UJ	<2.52 UJ	<2.54 UJ	<2.92 U	<2.61 UJ	<2.76 U	<2.69 U	<2.73 U
Arsenic	7440-38-2	16	mg/kg	<1.56 U	<1.61 U	<1.61 U	<1.66 U	<1.8 U	<1.62 U	1.81	1.72	2	<1.51 U	<1.52 U	<1.75 U	<1.57 U	<1.66 U	<1.62 U	3.45 J
Barium	7440-39-3	400	mg/kg	26.4 J	38.7 J	49.0 J	39.9 J	49.7 J	46.6 J	31.5 J	106 J	48.7 J	55.7 J	52.5 J	36.9	62.4 J	60.7	62.4 J	47.1
Beryllium	7440-41-7	72	mg/kg	<0.052 UJ	<0.054 UJ	<0.054 UJ	<0.055 UJ	<0.06 UJ	<0.054 UJ	<0.053 UJ	<0.054 UJ	<0.057 UJ	<0.05 UJ	<0.051 UJ	<0.058 U	<0.052 UJ	<0.055 U	<0.054 U	<0.055 U
Cadmium	7440-43-9	4.3	mg/kg	<0.312 U	<0.323 U	<0.323 U	<0.332 U	<0.36 U	<0.325 U	<0.316 U	<0.326 U	<0.34 U	<0.303 U	<0.305 U	<0.351 U	0.504	<0.331 U	<0.323 U	<0.327 U
Calcium	7440-70-2	NS	mg/kg	2640 J	2270 J	3420 J	2130 J	1940 J	2030 J	1710 J	7510 J	2160 J	3770 J	3460 J	2260	2610 J	3450	2530	12800
Chromium, Hexavalent	18540-29-9	110	mg/kg	<0.52 U	<0.538 U	<0.538 U	<0.553 U	<0.6 U	<0.541 U	<0.526 U	<0.544 U	<0.567 U	<0.505 U	<0.508 U	<0.584 U	<0.523 U	<0.552 U	<0.539 U	<0.546 U
Chromium, Total	7440-47-3	NS	mg/kg	12.9 J	22.0 J	14.6 J	18.7 J	17.6 J	18.2 J	20.8 J	22.2 J	16.3 J	22.7 J	19.8 J	18.1	27.4 J	37.8	36.4	20.4
Chromium, Trivalent	16065-83-1	180	mg/kg	12.9	22	14.6	18.7	17.6	18.2	20.8	22.2	16.3	22.7	19.8	18.1	27.4	37.8	36.4	20.4
Cobalt	7440-48-4	NS	mg/kg	6.52 J	11.9 J	9.37 J	9.25 J	10.1 J	9.09 J	8.11 J	9.12 J	8.48 J	10.9 J	9.87 J	8.09	9.41 J	13.3	10.2	9.88
Copper	7440-50-8	270	mg/kg	34.4 J	28.2 J	32.6 J	28.2 J	23.9 J	23.0 J	33.3 J	23.9 J	33.3 J	20.5 J	30.7 J	28.0 J	19.3	38.7 J	28.9	

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP17	EP18	EP19	EP19	EP20	EP21	EP22	EP23	EP23	EP23	EP24	EP25	EP26	SW01	SW02
			Sample Name	EP17_EL60	EP18_EL60	EP19_EL56	DUP01_093020	EP20_EL54	EP21_EL60	EP22_EL60	EP23_EL56	EP23_EL55_R	DUP02_093020	EP24_EL54	EP25_EL56	EP26_EL56	SW01_56	SW02_56
			Sample Date	08/14/2020	08/20/2020	09/03/2020	09/30/2020	09/17/2020	08/14/2020	08/20/2020	08/28/2020	09/30/2020	09/30/2020	09/17/2020	08/28/2020	09/03/2020	09/17/2020	09/17/2020
			Sample Elevation	60	60	56	56	54	60	60	56	55	55	54	56	56	56	56
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	mg/kg	<0.002 U	<0.0025 UJ	<0.0023 UJ	<0.0017 U	<0.0023 UJ	<0.0024 U	<0.0022 UJ	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 UJ	<0.002 U	<0.0023 UJ	<0.0023 UJ	<0.0019 UJ
1,1,1-Trichloroethane	71-55-6	100	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 UJ	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 UJ	<0.0018 UJ	<0.0017 UJ	<0.0019 U	<0.002 UJ	<0.0023 U	<0.0023 U	<0.0019 U
1,1,2-Trichloroethane	79-00-5	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,1-Dichloroethane	75-34-3	26	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,1-Dichloroethene	75-35-4	100	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2,3-Trichlorobenzene	87-61-6	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2,3-Trichloropropane	96-18-4	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2,4-Trichlorobenzene	120-82-1	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2,4-Trimethylbenzene	95-63-6	52	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	0.0025 J	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	mg/kg	<0.002 UJ	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 UJ	<0.0022 U	<0.0027 UJ	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 UJ	<0.0023 U	<0.0023 U	<0.0019 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2-Dichlorobenzene	95-50-1	100	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2-Dichloroethane	107-06-2	3.1	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,2-Dichloropropane	78-87-5	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	52	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	0.0066	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,3-Dichlorobenzene	541-73-1	49	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,4-Dichlorobenzene	106-46-7	13	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
1,4-Dioxane (P-Dioxane)	123-91-1	13	mg/kg	<0.039 UJ	<0.049 U	<0.045 U	<0.033 U	<0.046 U	<0.048 UJ	<0.044 U	<0.055 UJ	<0.036 U	<0.034 U	<0.039 U	<0.039 UJ	<0.046 U	<0.047 U	<0.038 U
2-Hexanone (MBK)	591-78-6	NS	mg/kg	<0.002 UJ	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 UJ	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
Acetone	67-64-1	100	mg/kg	<0.0039 UJ	0.039 J	0.0063 J	<0.0033 UJ	<0.0046 U	<0.0048 UJ	<0.0044 UJ	<0.0055 UJ	<0.0036 U	0.011	0.038	0.0041 J	0.0057 J	0.0068 J	0.0064 J
Acrolein	107-02-8	NS	mg/kg	<0.0039 U	<0.0049 UJ	<0.0045 U	<0.0033 U	<0.0046 UJ	<0.0048 U	<0.0044 UJ	<0.0055 UJ	<0.0036 U	<0.0034 U	<0.0039 UJ	<0.0039 UJ	<0.0046 U	<0.0047 UJ	<0.0038 UJ
Acrylonitrile	107-13-1	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
Benzene	71-43-2	4.8	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
Bromochloromethane	74-97-5	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
Bromodichloromethane	75-27-4	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 U	<0.0023 U	<0.0019 U
Bromoform	75-25-2	NS	mg/kg	<0.002 U	<0.0025 UJ	<0.0023 UJ	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 UJ	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 UJ	<0.0023 U	<0.0019 U
Bromomethane	74-83-9	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 UJ	<0.0017 UJ	<0.0023 UJ	<0.0024 U	<0.0022 UJ	<0.0027 UJ	<0.0018 UJ	<0.0017 UJ	<0.0019 UJ	<0.002 UJ	<0.0023 UJ	<0.0023 UJ	<0.0019 UJ
Carbon Disulfide	75-15-0	NS	mg/kg	<0.002 U	<0.0025 U	<0.0023 UJ	<0.0017 U	<0.0023 U	<0.0024 U	<0.0022 U	<0.0027 U	<0.0018 U	<0.0017 U	<0.0019 U	<0.002 U	<0.0023 UJ	<0.0023 U	<0.0019 U
Carbon Tetrachloride	56-23-5	2.4	mg/kg	<0.002 U	<0.0025 U	<0.0023 U	<0.0017 UJ	<0.0023 UJ	<0.0024 U	<0.0022 U	<0.0027 UJ	<0.0018 UJ	<0.0017 UJ	<0.0019 UJ	<0.002 UJ	<0.0023 UJ	<0.0023 UJ	<0.0019 UJ
Chlorobenzene	108-90-7	100	mg/kg	<0.0.														

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP17	EP18	EP19	EP19	EP20	EP21	EP22	EP23	EP23	EP23	EP24	EP25	EP26	SW01	SW02
			Sample Name	EP17_EL60	EP18_EL60	EP19_EL56	DUP01_093020	EP20_EL54	EP21_EL60	EP22_EL60	EP23_EL56	EP23_EL55_R	DUP02_093020	EP24_EL54	EP25_EL56	EP26_EL56	SW01_56	SW02_56
			Sample Date	08/14/2020	08/20/2020	09/03/2020	09/30/2020	09/17/2020	08/28/2020	08/20/2020	08/28/2020	09/30/2020	09/17/2020	08/28/2020	09/03/2020	09/17/2020	09/17/2020	
			Sample Elevation	60	60	56	56	54	60	60	56	55	55	54	56	56	56	56
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	mg/kg	<0.0925 U	<0.0895 U	<0.0881 U	<0.0967 U	<0.0846 U	<0.0957 U	<0.0886 U	<0.0893 U	<0.0913 U	<0.0916 U	<0.087 U	<0.0894 U	<0.0883 U	<0.0865 U	<0.0881 U
1,2-Diphenylhydrazine	122-66-7	NS	mg/kg	<0.0463 UJ	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 UJ	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	mg/kg	<0.0925 U	<0.0895 U	<0.0881 U	<0.0967 U	<0.0846 U	<0.0957 U	<0.0886 U	<0.0893 U	<0.0913 U	<0.0916 U	<0.087 U	<0.0894 U	<0.0883 U	<0.0865 U	<0.0881 U
2,4,5-Trichlorophenol	95-95-4	NS	mg/kg	<0.0463 UJ	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 UJ	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,4,6-Trichlorophenol	88-06-2	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,4-Dichlorophenol	120-83-2	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,4-Dimethylphenol	105-67-9	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,4-Dinitrophenol	51-28-5	NS	mg/kg	<0.0925 UJ	<0.0895 UJ	<0.0881 UJ	<0.0967 UJ	<0.0846 UJ	<0.0957 UJ	<0.0886 UJ	<0.0893 UJ	<0.0913 UJ	<0.0916 UJ	<0.087 UJ	<0.0894 UJ	<0.0883 UJ	<0.0865 UJ	<0.0881 UJ
2,4-Dinitrotoluene	121-14-2	NS	mg/kg	<0.0463 UJ	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 UJ	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2,6-Dinitrotoluene	606-20-2	NS	mg/kg	<0.0463 UJ	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 UJ	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2-Chloronaphthalene	91-58-7	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2-Chlorophenol	95-57-8	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2-Methylnaphthalene	91-57-6	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	0.0508 JD	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2-Methylphenol (o-Cresol)	95-48-7	100	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
2-Nitroaniline	88-74-4	NS	mg/kg	<0.0925 UJ	<0.0895 U	<0.0881 U	<0.0967 UJ	<0.0846 UJ	<0.0957 UJ	<0.0886 U	<0.0893 U	<0.0913 UJ	<0.0916 UJ	<0.087 UJ	<0.0894 U	<0.0883 U	<0.0865 UJ	<0.0881 UJ
2-Nitrophenol	88-75-5	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 UJ	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 UJ	<0.0448 U	<0.0443 U	<0.0434 UJ	<0.0441 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	100	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
3,3'-Dichlorobenzidine	91-94-1	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
3-Nitroaniline	99-09-2	NS	mg/kg	<0.0925 U	<0.0895 U	<0.0881 U	<0.0967 UJ	<0.0846 U	<0.0957 U	<0.0886 U	<0.0893 U	<0.0913 UJ	<0.0916 UJ	<0.087 U	<0.0894 U	<0.0883 U	<0.0865 U	<0.0881 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	mg/kg	<0.0925 UJ	<0.0895 UJ	<0.0881 UJ	<0.0967 UJ	<0.0846 UJ	<0.0957 UJ	<0.0886 UJ	<0.0893 UJ	<0.0913 UJ	<0.0916 UJ	<0.087 UJ	<0.0894 UJ	<0.0883 UJ	<0.0865 UJ	<0.0881 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
4-Chloro-3-Methylphenol	59-50-7	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
4-Chloroaniline	106-47-8	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
4-Nitroaniline	100-01-6	NS	mg/kg	<0.0925 U	<0.0895 U	<0.0881 U	<0.0967 U	<0.0846 U	<0.0957 U	<0.0886 U	<0.0893 U	<0.0913 U	<0.0916 U	<0.087 U	<0.0894 U	<0.0883 U	<0.0865 U	<0.0881 U
4-Nitrophenol	100-02-7	NS	mg/kg	<0.0925 U	<0.0895 U	<0.0881 U	<0.0967 U	<0.0846 U	<0.0957 U	<0.0886 U	<0.0893 U	<0.0913 U	<0.0916 U	<0.087 U	<0.0894 U	<0.0883 U	<0.0865 U	<0.0881 U
Acenaphthene	83-32-9	100	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	0.0487 JD	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	0.0807 JD	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
Acenaphthylene	208-96-8	100	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
Acetophenone	98-86-2	NS	mg/kg	<0.0463 U	<0.0448 U	<0.0441 U	<0.0485 U	<0.0424 U	<0.0479 U	<0.0444 U	<0.0448 U	<0.0458 U	<0.0459 U	<0.0436 U	<0.0448 U	<0.0443 U	<0.0434 U	<0.0441 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	mg/kg	<0.185 U	<0.179 U	<0.176 U	<0.194 U											

Table 4
Endpoint Soil Sample Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location	EP17	EP18	EP19	EP19	EP20	EP21	EP22	EP23	EP23	EP23	EP24	EP25	EP26	SW01	SW02
			Sample Name	EP17_EL60	EP18_EL60	EP19_EL56	DUP01_093020	EP20_EL54	EP21_EL60	EP22_EL60	EP23_EL56	EP23_EL55_R	DUP02_093020	EP24_EL54	EP25_EL56	EP26_EL56	SW01_56	SW02_56
			Sample Date	08/14/2020	08/20/2020	09/03/2020	09/30/2020	09/17/2020	08/14/2020	08/20/2020	08/28/2020	09/30/2020	09/17/2020	08/28/2020	09/03/2020	09/17/2020	09/17/2020	
			Sample Elevation	60	60	56	56	54	60	60	56	55	55	54	56	56	56	56
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Pesticides																		
4,4'-DDD	72-54-8	13	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
4,4'-DDE	72-55-9	8.9	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
4,4'-DDT	50-29-3	7.9	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Aldrin	309-00-2	0.097	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.48	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Alpha Chlordane	5103-71-9	4.2	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Alpha Endosulfan	959-98-8	24	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.36	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Beta Endosulfan	33213-65-9	24	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Chlordane (alpha and gamma)	57-74-9	NS	mg/kg	<0.0367 U	<0.0354 U	<0.0351 U	<0.0388 U	<0.0331 U	<0.0377 U	<0.0353 U	<0.0351 U	<0.0366 U	<0.0365 U	<0.034 U	<0.0351 U	<0.0352 U	<0.0338 U	<0.0345 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	100	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Dieldrin	60-57-1	0.2	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Endosulfan Sulfate	1031-07-8	24	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Endrin	72-20-8	11	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Endrin Aldehyde	7421-93-4	NS	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Endrin Ketone	53494-70-5	NS	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Gamma Bhc (Lindane)	58-89-9	1.3	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Gamma-Chlordane	5566-34-7	NS	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Heptachlor	76-44-8	2.1	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Heptachlor Epoxide	1024-57-3	NS	mg/kg	<0.00184 U	<0.00177 U	<0.00175 U	<0.00194 U	<0.00166 U	<0.00189 U	<0.00176 U	<0.00176 U	<0.00183 U	<0.00182 U	<0.0017 U	<0.00176 U	<0.00176 U	<0.00169 U	<0.00173 U
Methoxychlor	72-43-5	NS	mg/kg	<0.00918 U	<0.00885 U	<0.00877 U	<0.00969 U	<0.00829 U	<0.00943 U	<0.00882 U	<0.00878 U	<0.00916 U	<0.00912 U	<0.00849 U	<0.00879 U	<0.00879 U	<0.00845 U	<0.00863 U
Toxaphene	8001-35-2	NS	mg/kg	<0.0929 U	<0.0896 U	<0.0888 U	<0.0981 U	<0.0839 U	<0.0955 U	<0.0893 U	<0.0889 U	<0.0927 U	<0.0923 U	<0.0859 U	<0.0889 U	<0.089 U	<0.0855 U	<0.0873 U
Metals																		
Aluminum	7429-90-5	NS	mg/kg	8630	7290	9070	9020	9420	10600	7440	9570 J	9770	8660	9810	9520 J	11500	9690	10300
Antimony	7440-36-0	NS	mg/kg	<2.83 U	<2.7 U	<2.67 U	<2.96 U	<2.55 UJ	<2.9 U	<2.69 U	<2.69 U	<2.79 U	<2.78 U	<2.62 UJ	<2.69 U	<2.67 U	<2.6 UJ	<2.66 UJ
Arsenic	7440-38-2	16	mg/kg	<1.7 U	<1.62 U	2.19	1.97	<1.53 U	<1.74 U	<1.62 U	4.47	3.06	<1.67 U	<1.57 U	4.56	<1.6 U	<1.56 U	<1.59 U
Barium	7440-39-3	400	mg/kg	46.2	47.2	59.4	61.3	60.6	61.6	47.4	188	63	50.4	60.2	45.1	53.1	54.8	62
Beryllium	7440-41-7	72	mg/kg	<0.057 U	<0.054 U	<0.053 U	<0.059 U	<0.051 UJ	<0.058 U	<0.054 U	<0.054 U	<0.056 U	<0.056 U	<0.052 UJ	<0.054 U	<0.053 U	<0.052 UJ	<0.053 UJ
Cadmium	7440-43-9	4.3	mg/kg	<0.339 U	<0.324 U	<0.32 U	<0.355 U	<0.306 U	<0.348 U	<0.323 U	<0.322 U	<0.335 U	<0.334 U	<0.314 U	<0.323 U	<0.321 U	<0.312 U	<0.319 U
Calcium	7440-70-2	NS	mg/kg	2930	3260	3240	5980	3600	2510	1970	2500 J	6000	5330	4360	1320 J	1510	3430	3670
Chromium, Hexavalent	18540-29-9	110	mg/kg	<0.565 U	<0.54 U	<0.533 U	<0.591 U	<0.511 U	<0.579 U	<0.538 U	<0.537 U	<0.559 U	<0.556 U	<0.523 U	<0.538 U	<0.535 U	<0.52 U	<0.532 U
Chromium, Total	7440-47-3	NS	mg/kg	22.9	19.7	21.7	22.2	23.5	28.9	22.4	29.2	24.5	22.6	24.5	18.9	27.4	28.2	24.6
Chromium, Trivalent	16065-83-1	180	mg/kg	22.9	19.7	21.7	22.2	23.5	28.9	22.4	29.2	24.5	22.6	24.5	18.9	27.4	28.2	24.6
Cobalt	7440-48-4	NS	mg/kg	9.46	8.88	9.78	9.47	10.7	10.2	9.17	8.76	9.76	8.93	10	7.19	10.7	9.77	10.2
Copper	7440-50-8	270	mg/kg	<29.6 U	25	25.6	26.7	27.6	<34.7 U	23.3	14.0 J	26.2	22.7	25.4	12.2 J	23.9	26.8	26.6
Cyanide	57-12-5	27	mg/kg	<0.565 U	<0.54 U	<0.533 U	<0.591 U	<0.511 U	<0.579 U	<0.538 U	<0.537 U	<0.559 U	<0.556 U	<0.523 U	<0.538 U	<0.535 U	<0.52 U	<0.532 U
Iron	7439-89-6	NS	mg/kg	16100	13700	16300	17200	18600	17600	13600	15700	18100	15100	17700	14300	19300	18400	19100
Lead	7439-92-1	400	mg/kg	21.4	12.2	50.9	89.4	59.5	17.6	9.64	522 B	56.4	51.5	58.5	8.14 B	10.5	45.7	54.7
Magnesium	7439-95-4	NS	mg/kg	4240	3070	3380 B	3500	3400	3480	3350	4080	3610						

805-825 Atlantic Ave
Brooklyn, NY
BCP Site No.: C224228
Langan Project No.: 170384501

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Restricted-Residential Use Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.

B - The analyte was found in the associated analysis batch blank.

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-111		MW-112						
				Sample Name	MW111_022518	MW111_121019	MW112_022518	MW112_022819	MW-112_011720	MW-112_021320	MW112_032320		
				Sample Date	02/25/2018	12/10/2019	02/25/2018	02/28/2019	01/17/2020	02/13/2020	03/23/2020		
				Unit	Result	Result	Result	Result	Result	Result	Result		
Volatile Organic Compounds													
1,1,1,2-Tetrachloroethane	630-20-6	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,1,1-Trichloroethane	71-55-6	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,1,2,2-Tetrachloroethane	79-34-5	5	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	NS	ug/l	<0.5 U	NA	<5 U	NA	NA	<0.2 U	<0.2 U		
1,1,2-Trichloroethane	79-00-5	1	NS	ug/l	<0.5 U	<1.5 U	<5 U	NA	<1.5 U	<0.2 U	<0.2 U		
1,1-Dichloroethane	75-34-3	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,1-Dichloroethene	75-35-4	5	NS	ug/l	<0.5 U	<0.5 UJ	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
1,1-Dichloropropene	563-58-6	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
1,2,3-Trichlorobenzene	87-61-6	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 UJ		
1,2,3-Trichloropropane	96-18-4	0.04	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 UJ	<0.2 U		
1,2,4,5-Tetramethylbenzene	95-93-2	5	NS	ug/l	NA	<2 U	NA	NA	5.5	NA	NA		
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,2,4-Trimethylbenzene	95-63-6	5	NS	ug/l	0.3	<2.5 U	1,530	NA	65	233 D	31.9		
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	NS	ug/l	<0.5 U	<2 U	<5 U	NA	<2 U	<0.2 U	<0.2 U		
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,2-Dichloroethane	107-06-2	0.6	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
1,2-Dichloropropane	78-87-5	1	NS	ug/l	<0.5 U	<1 U	<5 U	NA	<1 U	<0.2 U	<0.2 U		
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NS	ug/l	<0.5 U	<2.5 U	627	NA	16	66.9	14		
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 UJ	<0.2 U		
1,3-Dichloropropane	142-28-9	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
1,4-Diethyl Benzene	105-05-5	NS	NS	ug/l	NA	<2 U	NA	NA	13	NA	NA		
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	<80 U	<250 U	<800 U	NA	<250 U	<40 U	<40 UJ		
2,2-Dichloropropane	594-20-7	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
2-Chlorotoluene	95-49-8	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
2-Hexanone (MBK)	591-78-6	50	NS	ug/l	<0.5 U	<5 UJ	<5 U	NA	<5 U	<0.2 U	<0.2 U		
4-Chlorotoluene	106-43-4	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
4-Ethyltoluene	622-96-8	NS	NS	ug/l	NA	<2 U	NA	NA	37	NA	NA		
Acetone	67-64-1	50	NS	ug/l	<2 U	<5 U	20	NA	1.6 J	1.84 J	18.6 J		
Acrolein	107-02-8	5	NS	ug/l	<0.5 U	NA	<5 U	NA	NA	<0.2 U	<0.2 U		
Acrylonitrile	107-13-1	5	NS	ug/l	<0.5 U	<5 U	<5 U	NA	<5 U	<0.2 U	<0.2 U		
Benzene	71-43-2	1	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Bromobenzene	108-86-1	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
Bromochloromethane	74-97-5	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Bromodichloromethane	75-27-4	50	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Bromoform	75-25-2	50	NS	ug/l	<0.5 U	<2 U	<5 U	NA	<2 U	<0.2 U	<0.2 U		
Bromomethane	74-83-9	5	NS	ug/l	<0.5 U	<2.5 UJ	<5 U	NA	7.2	<0.2 U	<0.2 U		
Carbon Disulfide	75-15-0	60	NS	ug/l	<0.5 U	<5 UJ	<5 U	NA	<5 U	<0.2 U	0.38 J		
Carbon Tetrachloride	56-23-5	5	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Chlorobenzene	108-90-7	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 UJ	<0.2 U		
Chloroethane	75-00-3	5	NS	ug/l	<0.5 U	<2.5 UJ	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Chloroform	67-66-3	7	NS	ug/l	0.98	1.3 J	<5 U	NA	<2.5 U	<0.2 U	0.58		
Chloromethane	74-87-3	5	NS	ug/l	<0.5 U	<2.5 UJ	<5 U	NA	2.1 J	<0.2 U	<0.2 U		
Cis-1,2-Dichloroethene	156-59-2	5	NS	ug/l	0.32	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Cis-1,3-Dichloropropene	10061-01-5	0.4	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Cyclohexane	110-82-7	NS	NS	ug/l	<0.5 U	NA	22.1	NA	2.29	<0.2 U	<0.2 U		
Cymene	99-87-6	5	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
Dibromochloromethane	124-48-1	50	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Dibromomethane	74-95-3	5	NS	ug/l	<0.5 U	<5 U	<5 U	NA	<5 U	<0.2 U	<0.2 U		
Dichlorodifluoromethane	75-71-8	5	NS	ug/l	<0.5 U	<5 UJ	<5 U	NA	<5 U	<0.2 U	<0.2 U		
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	ug/l	NA	<2.5 UJ	NA	NA	<2.5 U	NA	NA		
Ethylbenzene	100-41-4	5	NS	ug/l	<0.5 U	<2.5 U	689	NA	7.2	47.2	3.82		
Hexachlorobutadiene	87-68-3	0.5	NS	ug/l	<0.5 U	<2.5 UJ	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Isopropylbenzene (Cumene)	98-82-8	5	NS	ug/l	<0.5 U	<2.5 U	85.8	NA	1.5 J	8.2	1.68		
M,P-Xylene	179601-23-1	5	NS	ug/l	<1 U	<2.5 U	814	NA	70	378 D	29.6		
Methyl Acetate	79-20-9	NS	NS	ug/l	<0.5 U	NA	<5 U	NA	NA	<0.2 U	<0.2 U		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	NS	ug/l	<0.5 U	<5 U	13.1	NA	<5 U	1.89 J	2		
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	ug/l	<0.5 U	<5 U	<5 U	NA	<5 U	<0.2 U	<0.2 U		
Methylcyclohexane	108-87-2	NS	NS	ug/l	<0.5 U	NA	23.4	NA	NA	2.6	2.4		
Methylene Chloride	75-09-2	5	NS	ug/l	<2 U	<2.5 U	<20 U	NA	<2.5 U	<1 U	<1 U		
Naphthalene	91-20-3	10	NS	ug/l	NA	<2.5 U	NA	NA	5.9	NA	NA		
n-Butylbenzene	104-51-8	5	NS	ug/l	<0.5 U	<2.5 U	57.5	NA	1.8 J	6.33	5.12		
n-Propylbenzene	103-65-1	5	NS	ug/l	<0.5 U	<2.5 U	262	NA	4.3	19.1	3.61		
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NS	ug/l	<0.5 U	<2.5 U	254	NA	41	176 D	12.9		
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	ug/l	<0.5 U	NA	10.4	NA	NA	1.43	1.18		
Sec-Butylbenzene	135-98-8	5	NS	ug/l	<0.5 U	<2.5 U	20.5	NA	1.1 J	3.19	1.95		
Styrene	100-42-5	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	0.41 J		
T-Butylbenzene	98-06-6	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Tert-Butyl Alcohol	75-65-0	NS	NS	ug/l	<1 UJ	NA	<10 UJ	NA	NA	<0.5 U	<0.5 U		
Tert-Butyl Methyl Ether	1634-04-4	10	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Tetrachloroethene (PCE)	127-18-4	5	NS	ug/l	0.49 J	0.28 J	<5 U	NA	<0.5 U	<0.2 UJ	<0.2 U		
Toluene	108-88-3	5	NS	ug/l	<0.5 U	<2.5 U	7.4	NA	0.78 J	4.24	<0.2 U		
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	ug/l	NA	<2.5 U	NA	NA	<2.5 U	NA	NA		
Total Xylenes	1330-20-7	5	NS	ug/l	<1.5 U	<2.5 U	1,070	NA	110	554 D	42.5		
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	NS	ug/l	NA	<0.5 U	NA	NA	<0.5 U	NA	NA		
Trans-1,2-Dichloroethene	156-60-5	5	NS	ug/l	<0.5 U	<2.5 U	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Trans-1,3-Dichloropropene	10061-02-6	0.4	NS	ug/l	<0.5 U	<0.5 U	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Trans-1,4-Dichloro-2-Butene	110-57-6	5	NS	ug/l	NA	<2.5 UJ	NA	NA	<2.5 U	NA	NA		
Trichloroethene (TCE)	79-01-6	5	NS	ug/l	18.1	5	<5 U	NA	<0.5 U	<0.2 U	<0.2 U		
Trichlorofluoromethane	75-69-4	5	NS	ug/l	<0.5 U	<2.5 UJ	<5 U	NA	<2.5 U	<0.2 U	<0.2 U		
Vinyl Acetate	108-05-4	NS	NS	ug/l	NA	<5 U	NA	NA	<5 U	NA	NA		
Vinyl Chloride	75-01-4	2	NS	ug/l	<0.5 U	<1 UJ	<5 U	NA	<1 U	<0.2 UJ	<0.2 U		

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-111		MW-112						
				Sample Name	MW111_022518	MW111_121019	MW112_022518	MW112_022819	MW112_011720	MW112_021320	MW112_032320		
				Sample Date	02/25/2018	12/10/2019	02/25/2018	02/28/2019	01/17/2020	02/13/2020	03/23/2020		
				Unit	Result	Result	Result	Result	Result	Result	Result		
Semi-Volatile Organic Compounds													
1,2,4,5-Tetrachlorobenzene	95-94-3	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	0	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	<0.21 U	NA	<0.2 U	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	1	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	1	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	1	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	10	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	NS	ug/l	<3.85 U	NA	23.7	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	20	NS	ug/l	<0.0385 U	NA	0.0462	NA	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	NS	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Acetophenone	98-86-2	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	50	NS	ug/l	<0.0385 U	NA	0.0385	NA	NA	NA	NA	NA	NA
Atrazine	1912-24-9	7.5	NS	ug/l	<0.385 U	NA	<0.385 U	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	0.002	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	0	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	0.002	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	NS	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	0.002	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Benzoic Acid	65-85-0	NS	NS	ug/l	<38.5 UJ	NA	<38.5 UJ	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	5	NS	ug/l	<0.385 U	NA	<0.385 U	NA	NA	NA	NA	NA	NA
Caprolactam	105-60-2	NS	NS	ug/l	<3.85 UJ	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	0.002	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	NS	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Diethyl phthalate	117-84-0	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Diphenylamine	122-39-4	5	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	50	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Fluorene	86-73-7	50	NS	ug/l	<0.0385 U	NA	0.0923	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	0.04	NS	ug/l	<0.0154 U	NA	<0.0154 U	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	0.5	NS	ug/l	<0.385 U	NA	<0.385 U	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	5	NS	ug/l	<7.69 U	NA	<7.69 U	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	5	NS	ug/l	<0.385 U	NA	<0.385 UJ	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Isophorone	78-59-1	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	10	NS	ug/l	<0.0462 U	NA	133	NA	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	0.4	NS	ug/l	<0.192 U	NA	<0.192 U	NA	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	ug/l	<0.385 UJ	NA	<0.385 UJ	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	1	NS	ug/l	<0.192 U	NA	<0.192 U	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	50	NS	ug/l	<0.0385 U	NA	0.146	NA	NA	NA	NA	NA	NA
Phenol	108-95-2	1	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	50	NS	ug/l	<0.0385 U	NA	<0.0385 U	NA	NA	NA	NA	NA	NA
Pyridine	110-86-1	50	NS	ug/l	<3.85 U	NA	<3.85 U	NA	NA	NA	NA	NA	NA

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-111		MW-112					
				Sample Name	MW111_022518	MW111_121019	MW112_022518	MW112_022819	MW112_011720	MW112_021320	MW112_032320	
				Sample Date	02/25/2018	12/10/2019	02/25/2018	02/28/2019	01/17/2020	02/13/2020	03/23/2020	
				Unit	Result	Result	Result	Result	Result	Result	Result	
Petroleum Hydrocarbons												
Gasoline Range Organics	8006-61-9	NS	NS	ug/l	NA	NA	NA	11,000	NA	NA	<800 U	
Pesticides												
4,4'-DDD	72-54-8	0.3	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
4,4'-DDE	72-55-9	0.2	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
4,4'-DDT	50-29-3	0.2	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Aldrin	309-00-2	0	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Alpha Chlordane	5103-71-9	NS	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Alpha Endosulfan	959-98-8	NS	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Beta Endosulfan	33213-65-9	NS	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Chlordane (alpha and gamma)	57-74-9	0.05	NS	ug/l	<0.0235 U	NA	<0.025 U	NA	NA	NA	NA	
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Dieldrin	60-57-1	0.004	NS	ug/l	<0.00235 U	NA	<0.0025 U	NA	NA	NA	NA	
Endosulfan Sulfate	1031-07-8	NS	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Endrin	72-20-8	0	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Endrin Aldehyde	7421-93-4	5	NS	ug/l	<0.0118 U	NA	<0.0125 U	NA	NA	NA	NA	
Endrin Ketone	53494-70-5	5	NS	ug/l	<0.0118 U	NA	<0.0125 U	NA	NA	NA	NA	
Gamma Bhc (Lindane)	58-89-9	0.05	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Gamma-Chlordane	5566-34-7	NS	NS	ug/l	<0.0118 U	NA	<0.0125 U	NA	NA	NA	NA	
Heptachlor	76-44-8	0.04	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Heptachlor Epoxide	1024-57-3	0.03	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Methoxychlor	72-43-5	35	NS	ug/l	<0.00471 U	NA	<0.005 U	NA	NA	NA	NA	
Toxaphene	8001-35-2	0.06	NS	ug/l	<0.118 U	NA	<0.125 U	NA	NA	NA	NA	
Herbicides												
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	NS	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	NS	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	
Silvex (2,4,5-Tp)	93-72-1	0.26	NS	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	
Polychlorinated Biphenyl												
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
Total PCBs	1336-36-3	0.09	NS	ug/l	<0.0588 U	NA	<0.0625 U	NA	NA	NA	NA	
Metals - Dissolved												
Aluminum	7429-90-5	NS	NS	ug/l	<55.6 U	NA	<55.6 U	NA	NA	NA	NA	
Antimony	7440-36-0	3	NS	ug/l	<1.11 U	NA	<1.11 U	NA	NA	NA	NA	
Arsenic	7440-38-2	25	NS	ug/l	<1.11 UJ	NA	1.19 J	NA	NA	NA	NA	
Barium	7440-39-3	1000	NS	ug/l	249	NA	450	NA	NA	NA	NA	
Beryllium	7440-41-7	3	NS	ug/l	<1.11 UJ	NA	<1.11 UJ	NA	NA	NA	NA	
Cadmium	7440-43-9	5	NS	ug/l	<1.11 UJ	NA	<1.11 UJ	NA	NA	NA	NA	
Calcium	7440-70-2	NS	NS	ug/l	126,000	NA	127,000	NA	NA	NA	NA	
Chromium, Total	7440-47-3	50	NS	ug/l	<5.56 U	NA	<5.56 U	NA	NA	NA	NA	
Copper	7440-50-8	200	NS	ug/l	<5.56 U	NA	5.98 J	NA	NA	NA	NA	
Iron	7439-89-6	300	NS	ug/l	289	<100 U	1,360	NA	26.9 J	<278 U	NA	
Lead	7439-92-1	25	NS	ug/l	<5.56 U	NA	<5.56 U	NA	NA	NA	NA	
Magnesium	7439-95-4	35000	NS	ug/l	38,600	NA	43,300	NA	NA	NA	NA	
Manganese	7439-96-5	300	NS	ug/l	952	414.7	1,010	NA	385.5	395 J	NA	
Mercury	7439-97-6	0.7	NS	ug/l	<0.2 U	NA	<0.2 U	NA	NA	NA	NA	
Nickel	7440-02-0	100	NS	ug/l	11.5	NA	<5.56 U	NA	NA	NA	NA	
Potassium	7440-09-7	NS	NS	ug/l	7,960	NA	6,340	NA	NA	NA	NA	
Selenium	7782-49-2	10	NS	ug/l	2.79 J	NA	<1.11 UJ	NA	NA	NA	NA	
Silver	7440-22-4	50	NS	ug/l	<5.56 U	NA	<5.56 U	NA	NA	NA	NA	
Sodium	7440-23-5	20000	NS	ug/l	92,200	NA	131,000	NA	NA	NA	NA	
Thallium	7440-28-0	0.5	NS	ug/l	<1.11 U	NA	<1.11 U	NA	NA	NA	NA	
Vanadium	7440-62-2	NS	NS	ug/l	<11.1 U	NA	<11.1 U	NA	NA	NA	NA	
Zinc	7440-66-6	2000	NS	ug/l	<16.7 U	NA	<16.7 U	NA	NA	NA	NA	
Metals - Total												
Aluminum	7429-90-5	NS	NS	ug/l	834 J	NA	3,680 J	NA	NA	NA	NA	
Antimony	7440-36-0	3	NS	ug/l	<1.11 UJ	NA	<1.11 UJ	NA	NA	NA	NA	
Arsenic	7440-38-2	25	NS	ug/l	1.19 J	NA	3.52 J	NA	NA	NA	NA	
Barium	7440-39-3	1000	NS	ug/l	255	NA	615	NA	NA	NA	NA	
Beryllium	7440-41-7	3	NS	ug/l	<1.11 UJ	NA	<1.11 UJ	NA	NA	NA	NA	
Cadmium	7440-43-9	5	NS	ug/l	<1.11 UJ	NA	<1.11 UJ	NA	NA	NA	NA	
Calcium	7440-70-2	NS	NS	ug/l	130,000	NA	175,000	NA	NA	NA	NA	
Chromium, Hexavalent	18540-29-9	50	NS	ug/l	<10 UJ	NA	<10 UJ	NA	NA	NA	NA	
Chromium, Total	7440-47-3	50	NS	ug/l	12.8	NA	113	NA	NA	NA	NA	
Chromium, Trivalent	16065-83-1	NS	NS	ug/l	12.8	NA	113	NA	NA	NA	NA	
Copper	7440-50-8	200	NS	ug/l	<14.9 U	NA	<37.4 U	NA	NA	NA	NA	
Cyanide	57-12-5	200	NS	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	
Iron	7439-89-6	300	NS	ug/l	2,850	264	12,300	NA	<500 U	<278 U	191,000 J	
Lead	7439-92-1	25	NS	ug/l	5.63 J	NA	94.9 J	NA	NA	NA	NA	
Magnesium	7439-95-4	35000	NS	ug/l	40,800	NA	57,700	NA	NA	NA	NA	
Manganese	7439-96-5	300	NS	ug/l	1,170	450.4	2,090	NA	409.2	402	3,070 J	
Mercury	7439-97-6	0.7	NS	ug/l	<0.2 U	NA	<0.2 U	NA	NA	NA	NA	
Nickel	7440-02-0	100	NS	ug/l	<25 U	NA	121	NA	NA	NA	NA	
Potassium	7440-09-7	NS	NS	ug/l	7,640	NA	8,120	NA	NA	NA	NA	
Selenium	7782-49-2	10	NS	ug/l	4.06 J	NA	3.86 J	NA	NA	NA	NA	
Silver	7440-22-4	50	NS	ug/l	<5.56 U	NA	<5.56 U	NA	NA	NA	NA	
Sodium	7440-23-5	20000	NS	ug/l	91,100	NA	137,000	NA	NA	NA	NA	
Thallium	7440-28-0	0.5	NS	ug/l	<1.11 U	NA	<1.11 U	NA	NA	NA	NA	
Vanadium	7440-62-2	NS	NS	ug/l	<11.1 U	NA	13.5	NA	NA	NA	NA	
Zinc	7440-66-6	2000	NS	ug/l	<21.3 U	NA	111 J	NA	NA	NA	NA	

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-111		MW-112					
				Sample Name	MW111_022518	MW111_121019	MW112_022518	MW112_022819	MW-112_011720	MW-112_021320	MW112_032320	
				Sample Date	02/25/2018	12/10/2019	02/25/2018	02/28/2019	01/17/2020	02/13/2020	03/23/2020	
				Unit	Result	Result	Result	Result	Result	Result	Result	
General Chemistry												
Total Dissolved Solids	TDS	NS	NS	ug/l	NA	NA	NA	820,000	NA	NA	NA	NA
Alkalinity, Total (as CaCO3)	471-34-1	NS	NS	ug/l	NA	NA	NA	338,000	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	NS	ug/l	NA	17,300	NA	5,610	22,200	64,200 DE	NA	NA
Sulfate (As SO4)	14808-79-8	250000	NS	ug/l	NA	86,000	NA	60,000	230,000	472,000 DE	NA	NA
Sulfide	18496-25-8	50	NS	ug/l	NA	<100 U	NA	NA	<100 U	<1,000 U	NA	NA
Total Organic Carbon	TOC	NS	NS	ug/l	NA	NA	NA	2,200 J	NA	NA	NA	NA
Perfluorooctanoic acids												
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	0.1	ug/l	NA	NA	<0.019 U	NA	NA	NA	NA	NA
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	0.1	ug/l	NA	NA	<0.019 U	NA	NA	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	0.1	ug/l	NA	NA	0.017	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	375-22-4	NS	0.1	ug/l	NA	NA	<0.039 U	NA	NA	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	0.1	ug/l	NA	NA	0.011	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	0.1	ug/l	NA	NA	0.0098 B	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	0.1	ug/l	NA	NA	0.057	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	0.1	ug/l	NA	NA	0.0003 J	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	0.01	ug/l	NA	NA	0.0015 J	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	0.01	ug/l	NA	NA	0.039	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	0.1	ug/l	NA	NA	0.081	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	0.1	ug/l	NA	NA	<0.0019 U	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS	39108-34-4	NS	0.1	ug/l	NA	NA	<0.019 U	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS	27619-97-2	NS	0.1	ug/l	NA	NA	0.0071 J	NA	NA	NA	NA	NA

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-117	MW-118_021518	MW-118_20191022	MW-118_122319	MW-118_021320	MW-202_100719	MW-202_20191022	MW-202_012020	IP-01		IP-09	IP-05	IP-08	
				Sample Name	MW117_021518	MW118_021518	GWDUP01_021518	MW-118_20191022	MW-118_122319	MW-118_021320	MW202_100719	MW-202_20191022	MW-202_012020	IP-01_20191022	IP-01_021320	IP-09_20191022	IP-05_010620	IP-08_021420
				Sample Date	02/15/2018	02/15/2018	02/15/2018	10/22/2019	12/23/2019	02/13/2020	10/07/2019	10/22/2019	01/20/2020	10/22/2019	02/13/2020	10/22/2019	01/06/2020	02/14/2020
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,1,1-Trichloroethane	71-55-6	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 U	<0.2 U
1,1,2,2-Tetrachloroethane	79-34-5	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 UJ	<0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.2 U	NA	NA	NA	NA	<0.2 U	NA	NA	<0.2 U
1,1,2-Trichloroethane	79-00-5	1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<1.5 U	<0.2 U	<6 U	NA	<15 U	NA	<0.2 U	NA	<1.5 UJ	<0.2 U
1,1-Dichloroethane	75-34-3	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 U	<0.2 U
1,1-Dichloroethene	75-35-4	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 U	<0.2 U
1,1-Dichloropropene	563-58-6	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 U	NA
1,2,3-Trichlorobenzene	87-61-6	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	1.2 J	<0.2 U
1,2,3-Trichloropropane	96-18-4	0.04	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 UJ	<10 U	NA	<25 U	NA	<0.2 UJ	NA	<2.5 UJ	<0.2 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	NS	ug/l	NA	NA	NA	NA	1.2 J	NA	<8 U	NA	<20 U	NA	NA	NA	<2 UJ	NA
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,2,4-Trimethylbenzene	95-63-6	5	NS	ug/l	15.2	8.27 J	16 J	NA	2.2 J	0.77	21	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2 U	<0.2 U	<8 U	NA	<20 U	NA	<0.2 U	NA	<2 UJ	<0.2 U
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,2-Dichloroethane	107-06-2	0.6	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 U	<0.2 U
1,2-Dichloropropane	78-87-5	1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<1 U	<0.2 U	<4 U	NA	<10 U	NA	<0.2 U	NA	<1 U	<0.2 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NS	ug/l	7.56	7.13	8.04	NA	3.1	2.37	8.9 J	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 UJ	<10 U	NA	<25 U	NA	<0.2 UJ	NA	<2.5 UJ	<0.2 UJ
1,3-Dichloropropane	142-28-9	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 UJ	NA
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 UJ	<0.2 U
1,4-Diethyl Benzene	105-05-5	NS	NS	ug/l	NA	NA	NA	NA	4.1	NA	3.1 J	NA	<20 U	NA	NA	NA	<2 U	NA
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	<80 U	<80 U	<80 U	NA	<250 U	<40 U	<1,000 U	NA	<2,500 U	NA	<40 U	NA	<250 U	<40 U
2,2-Dichloropropane	594-20-7	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 U	NA
2-Chlorotoluene	95-49-8	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 UJ	NA
2-Hexanone (MBK)	591-78-6	50	NS	ug/l	0.42	<0.5 U	0.46	NA	<5 U	<0.2 U	<20 U	NA	<50 U	NA	<0.2 U	NA	<5 UJ	<0.2 U
4-Chlorotoluene	106-43-4	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 UJ	NA
4-Ethyltoluene	622-96-8	NS	NS	ug/l	NA	NA	NA	NA	<2 U	NA	9	NA	<20 U	NA	NA	NA	<2 UJ	NA
Acetone	67-64-1	50	NS	ug/l	<2 U	<2 U	<2 U	NA	<5 U	<1 U	80	NA	990	NA	7.1	NA	2.8 J	<1 U
Acrolein	107-02-8	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	NA	NA	NA	NA	<0.2 U	NA	<0.2 U	NA
Acrylonitrile	107-13-1	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<5 U	<0.2 U	<20 U	NA	<50 U	NA	<0.2 U	NA	<5 U	<0.2 U
Benzene	71-43-2	1	NS	ug/l	<0.5 U	0.32	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 U	<0.2 U
Bromobenzene	108-86-1	5	NS	ug/l	NA	NA	NA	NA	<2.5 U	NA	<10 U	NA	<25 U	NA	NA	NA	<2.5 UJ	NA
Bromochloromethane	74-97-5	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 U	<0.2 U
Bromodichloromethane	75-27-4	50	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	0.26 J	<0.2 U
Bromoform	75-25-2	50	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2 U	<0.2 U	<8 U	NA	<20 U	NA	<0.2 U	NA	<2 UJ	<0.2 U
Bromomethane	74-83-9	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	8 J	<0.2 U
Carbon Disulfide	75-15-0	60	NS	ug/l	0.23	<0.5 U	0.23	NA	<5 U	<0.2 U	<20 U	NA	<50 U	NA	<0.2 U	NA	<5 U	<0.2 U
Carbon Tetrachloride	56-23-5	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 U	<0.2 U
Chlorobenzene	108-90-7	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 UJ	<10 U	NA	<25 U	NA	<0.2 UJ	NA	<2.5 UJ	<0.2 UJ
Chloroethane	75-00-3	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 U	<0.2 U
Chloroform	67-66-3	7	NS	ug/l	2.33	4.03	2.4	NA	0.94 J	1.01	<10 U	NA	<25 U	NA	<0.2 U	NA	3 J	0.46 J
Chloromethane	74-87-3	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	1.2 J	<0.2 U
Cis-1,2-Dichloroethene	156-59-2	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<2.5 U	<0.2 U	<10 U	NA	<25 U	NA	<0.2 U	NA	<2.5 U	<0.2 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.2 U	<2 U	NA	<5 U	NA	<0.2 U	NA	<0.5 U	<0.2 U

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-117	MW118_021518	MW118_021518	GWDUP01_021518	MW-118	MW-118_122319	MW-118_021320	MW202_100719	MW-202	MW-202_012020	IP-01		IP-09	IP-05	IP-08
				Sample Name	MW117_021518	MW118_021518	MW118_20191022	MW-118_122319	MW-118_021320	MW202_100719	MW-202_012020	IP-01_20191022	IP-01_021320	IP-09_20191022	IP-05_010620	IP-08_021420			
				Sample Date	02/15/2018	02/15/2018	02/15/2018	10/22/2019	12/23/2019	02/13/2020	10/07/2019	10/22/2019	01/20/2020	10/22/2019	02/13/2020	10/22/2019	01/06/2020	02/14/2020	
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	122-66-7	0	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	NA	<0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	95-95-4	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	88-06-2	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	120-83-2	1	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	105-67-9	1	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	51-28-5	1	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<20 U	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	121-14-2	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	606-20-2	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	91-58-7	10	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	95-57-8	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	91-57-6	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	0.38	NA	NA	NA	NA	NA	NA	
2-Methylphenol (o-Cresol)	95-48-7	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	88-74-4	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	88-75-5	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
3,3'-Dichlorobenzidine	91-94-1	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	99-09-2	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
4-Chloro-3-Methylphenol	59-50-7	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	106-47-8	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	100-01-6	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	100-02-7	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	
Acenaphthene	83-32-9	20	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Acenaphthylene	208-96-8	NS	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Acetophenone	98-86-2	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	120-12-7	50	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Atrazine	1912-24-9	7.5	NS	ug/l	<0.385 U	<0.385 U	<0.385 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzaldehyde	100-52-7	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzidine	92-87-5	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	56-55-3	0.002	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	0.03 J	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	50-32-8	0	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	205-99-2	0.002	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)Perylene	191-24-2	NS	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	207-08-9	0.002	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U	NA	NA	NA	NA	<0.1 U	NA	NA	NA	NA	NA	NA	
Benzoic Acid	65-85-0	NS	NS	ug/l	<38.5 UJ	<38.5 UJ	<38.5 UJ	NA	NA	NA	NA	<50 UJ	NA	NA	NA	NA	NA	NA	
Benzyl Alcohol	100-51-6	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
Benzyl Butyl Phthalate	85-68-7	50	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
Biphenyl (Diphenyl)	92-52-4	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethoxy) methane	111-91-1	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<5 U	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl) ether	108-60-1	5	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
Bis(2-ethylhexyl) phthalate	117-81-7	5	NS	ug/l	<0.385 U	<0.385 UJ	1.77 J	NA	NA	NA	NA	<3 U	NA	NA	NA	NA	NA	NA	
Caprolactam	105-60-2	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbazole	86-74-8	NS	NS	ug/l	<3.85 U	<3.85 U	<3.85 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	
Chrysene	218-01-9	0.002	NS	ug/l	<0.0385 U	<0.0385 U	<0.0385 U												

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-117	MW-118				MW-202			IP-01		IP-09	IP-05	IP-08	
				Sample Name	MW117_021518	MW118_021518	GWDUP01_021518	MW-118_20191022	MW-118_122319	MW-118_021320	MW202_100719	MW-202_20191022	MW-202_012020	IP-01_20191022	IP-01_021320	IP-09_20191022	IP-05_010620	IP-08_021420
				Sample Date	02/15/2018	02/15/2018	02/15/2018	10/22/2019	12/23/2019	02/13/2020	10/07/2019	10/22/2019	01/20/2020	10/22/2019	02/13/2020	10/22/2019	01/06/2020	02/14/2020
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																		
Gasoline Range Organics	8006-61-9	NS	NS	ug/l	NA	NA	NA	NA	NA	NA	320 J	NA	NA	NA	NA	NA	NA	
Pesticides																		
4,4'-DDD	72-54-8	0.3	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,4'-DDE	72-55-9	0.2	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,4'-DDT	50-29-3	0.2	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Aldrin	309-00-2	0	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha Chlordane	5103-71-9	NS	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha Endosulfan	959-98-8	NS	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Beta Endosulfan	33213-65-9	NS	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlordane (alpha and gamma)	57-74-9	0.05	NS	ug/l	<0.0258 U	<0.025 U	<0.0258 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dieldrin	60-57-1	0.004	NS	ug/l	<0.00258 U	<0.0025 U	<0.00258 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Endosulfan Sulfate	1031-07-8	NS	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Endrin	72-20-8	0	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Endrin Aldehyde	7421-93-4	5	NS	ug/l	<0.0129 U	<0.0125 U	<0.0129 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Endrin Ketone	53494-70-5	5	NS	ug/l	<0.0129 U	<0.0125 U	<0.0129 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gamma Bhc (Lindane)	58-89-9	0.05	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gamma-Chlordane	5566-34-7	NS	NS	ug/l	<0.0129 U	<0.0125 U	<0.0129 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Heptachlor	76-44-8	0.04	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Heptachlor Epoxide	1024-57-3	0.03	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methoxychlor	72-43-5	35	NS	ug/l	<0.00516 U	<0.005 U	<0.00516 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Toxaphene	8001-35-2	0.06	NS	ug/l	<0.129 U	<0.125 U	<0.129 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Herbicides																		
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	NS	ug/l	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	NS	ug/l	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silvex (2,4,5-Tp)	93-72-1	0.26	NS	ug/l	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PCBs	1336-36-3	0.09	NS	ug/l	<0.0645 U	<0.0625 U	<0.0645 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals - Dissolved																		
Aluminum	7429-90-5	NS	NS	ug/l	<55.6 U	<55.6 UJ	175 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Antimony	7440-36-0	3	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Arsenic	7440-38-2	25	NS	ug/l	<1.11 UJ	<1.11 UJ	<1.11 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium	7440-39-3	1000	NS	ug/l	210	174	213	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Beryllium	7440-41-7	3	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	7440-43-9	5	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Calcium	7440-70-2	NS	NS	ug/l	110,000	106,000	109,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium, Total	7440-47-3	50	NS	ug/l	<5.56 U	<5.56 U	<5.56 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	7440-50-8	200	NS	ug/l	6.54	6.85	<5.56 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	7439-89-6	300	NS	ug/l	142	71.8	208	NA	<100 U	<278 U	469	NA	35.7 J	NA	<278 U	NA	<100 U	
Lead	7439-92-1	25	NS	ug/l	8.55	11.1	9.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Magnesium	7439-95-4	35000	NS	ug/l	43,000	39,100	43,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	7439-96-5	300	NS	ug/l	601	143	614	NA	65.53	9.63	1,120	NA	246	NA	51.9	NA	25.7	
Mercury	7439-97-6	0.7	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nickel	7440-02-0	100	NS	ug/l	9.44	<5.56 U	7.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	7440-09-7	NS	NS	ug/l	12,500	10,100	12,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium	7782-49-2	10	NS	ug/l	2.83 J	2.82 J	2.72 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Silver	7440-22-4	50	NS	ug/l	<5.56 U	<5.56 U	<5.56 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sodium	7440-23-5	20000	NS	ug/l	<111 U	<111 U	<111 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Thallium	7440-28-0	0.5	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Vanadium	7440-62-2	NS	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Zinc	7440-66-6	2000	NS	ug/l	<16.7 U	<16.7 U	<16.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals - Total																		
Aluminum	7429-90-5	NS	NS	ug/l	1,200 J	478 J	1,300 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Antimony	7440-36-0	3	NS	ug/l	<1.11 UJ	<1.11 UJ	<1.11 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Arsenic	7440-38-2	25	NS	ug/l	1.41 J	<1.11 UJ	1.23 J	NA	NA									

Table 5A
Baseline and Confirmation Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	MW-117	MW-118				MW-202			IP-01		IP-09	IP-05	IP-08	
				Sample Name	MW117_021518	MW118_021518	GWDUP01_021518	MW-118_20191022	MW-118_122319	MW-118_021320	MW202_100719	MW-202_20191022	MW-202_012020	IP-01_20191022	IP-01_021320	IP-09_20191022	IP-05_010620	IP-08_021420
				Sample Date	02/15/2018	02/15/2018	02/15/2018	10/22/2019	12/23/2019	02/13/2020	10/07/2019	10/22/2019	01/20/2020	10/22/2019	02/13/2020	10/22/2019	01/06/2020	02/14/2020
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																		
Total Dissolved Solids	TDS	NS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alkalinity, Total (as CaCO3)	471-34-1	NS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrogen, Nitrate (As N)	14797-55-8	10000	NS	ug/l	NA	NA	NA	NA	7,860	8,680 D	2,780	NA	9,530	NA	6,190	17,200	844	
Sulfate (As SO4)	14808-79-8	250000	NS	ug/l	NA	NA	NA	66,000	96,000	77,500 D	75,000	76,000	600,000	85,000	81,800 D	NA	150,000	57,800 D
Sulfide	18496-25-8	50	NS	ug/l	NA	NA	NA	<100 U	<100 U	1,300	NA	<100 U	<100 U	<100 U	<1,000 U	<100 U	<100 U	2,800
Total Organic Carbon	TOC	NS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorooctanoic acids																		
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	0.1	ug/l	NA	0.0064	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorobutanoic acid (PFBA)	375-22-4	NS	0.1	ug/l	NA	0.0071	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	0.1	ug/l	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	0.1	ug/l	NA	0.0037	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	0.1	ug/l	NA	0.0098	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorononanoic Acid (PFNA)	375-95-1	NS	0.1	ug/l	NA	0.00092 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	0.1	ug/l	NA	<0.0018 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	0.01	ug/l	NA	0.0012 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	0.01	ug/l	NA	0.067 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	0.1	ug/l	NA	0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	0.1	ug/l	NA	<0.0018 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	0.1	ug/l	NA	0.00074 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) (January 2021) and the 1,4-Dioxane value reflects the drinking water maximum contaminant level (MCL) adopted by New York State for public water systems (July 2020). Pursuant to Part 375-1.7(f)(2), the NYSDEC will treat the MCL as relevant and appropriate and will consider this value in remedy selection.

Qualifiers:

D - The concentration reported is a result of a diluted sample.

J - The analyte was positively identified and the associated numerical value is the approximate concentration of

UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

10 - Result exceeds NYSDEC Guidance Values

Table 5B
Quarterly 2021 and 2022 Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C24228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	Location	MW-203	MW-203	MW-203	MW-203	MW-203	MW-203	MW-203	MW-204	MW-204	MW-204	MW-204	MW-204	MW-204	MW-204
			Sample Name	MW-203_033021	MW-203_061021	MW-203_10292021	DUP02_10292021	MW-203_011322	MW-203_040822	MW-204_032921	MW-204_060921	MW-204_10292021	MW-204_011322	DUP02_011322	MW-204_040822	DUP02_040822	
			Sample Date	03/30/2021	06/10/2021	10/29/2021	10/29/2021	01/13/2022	04/08/2022	03/29/2021	06/09/2021	10/29/2021	01/13/2022	01/13/2022	04/08/2022	04/08/2022	
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<3.8 U	<1.5 U	<1.5 U	NA	<3.8 U	NA
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	10	13	0.62 J	1.1 J	NA	4.3 J	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	250	480	64	120	NA	370	NA
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	<2 U	<5 U	<2 U	<2 U	NA	<5 U	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	NA	<1 U	<1 U	<1 U	<1 U	<2.5 U	<1 U	<1 U	NA	<2.5 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	90	160	9.8	2.4 J	NA	2.4 J	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	43	49	2	0.88 J	NA	2.4 J	NA
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<250 UJ	<250 UJ	<250 U	NA	<250 U	<250 U	<250 UJ	<620 UJ	<250 UJ	<250 UJ	NA	<620 U	NA	
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<6.2 UJ	<2.5 U	<2.5 U	NA	<6.2 U	NA
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	<5 U	<5 UJ	<12 U	<5 U	<5 U	NA	<12 U	NA	
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	190	270	5.4	22	NA	64	NA
Acetone	67-64-1	50	ug/l	1.5 J	<5 U	<6.7 U	NA	<5 U	<5 U	<7.2 U	6.2 J	<5 U	<5 U	NA	<12 U	NA	
Acrylonitrile	107-13-1	5	ug/l	<5 UJ	<5 U	<5 U	NA	<5 U	<5 U	<5 UJ	<12 UJ	<5 U	<5 U	NA	<12 U	NA	
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	<2 U	<5 U	<2 U	<2 U	NA	<5 U	NA
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 UJ	<2.5 UJ	<2.5 UJ	NA	<6.2 U	NA	
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	NA	<5 U	<5 U	<5 UJ	<12 U	<5 U	<5 U	NA	<12 U	NA	
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 UJ	<1.2 U	<0.5 U	<0.5 U	NA	<1.2 U	NA	
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA	
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA	
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 U	<2.5 U	<2.5 U	NA	<6.2 U	NA	
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 UJ	<2.5 UJ	<2.5 UJ	NA	<6.2 U	NA	
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 UJ	<2.5 UJ	<2.5 UJ	NA	<6.2 U	NA	
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 UJ	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 UJ	<1.2 UJ	<0.5 UJ	<0.5 UJ	NA	<1.2 U	NA	
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	1.4 J	<6.2 UJ	<2.5 UJ	<2.5 UJ	NA	<6.2 UJ	NA
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 UJ	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 UJ	<1.2 UJ	<0.5 UJ	<0.5 UJ	NA	<1.2 UJ	NA	
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	<5 U	<5 UJ	<12 UJ	<5 UJ	<5 UJ	NA	<12 UJ	NA	
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 UJ	<5 U	NA	<5 U	<5 U	<5 UJ	<12 UJ	<5 UJ	<5 UJ	NA	<12 UJ	NA	
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<6.2 UJ	<2.5 UJ	<2.5 UJ	NA	<6.2 UJ		

Table 5B
Quarterly 2021 and 2022 Groundwater Analytical Results Summary

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	NYSDEC SGVs	Location	MW-205	MW-205	MW-205	MW-205	MW-205	MW-205	MW-205	MW-205	MW-205	MW-205
			Sample Name	MW-205_032921	DUP01_032921	MW-205_060921	DUP01_060921	MW-205_10292021	DUP01_10292021	MW-205_011322	DUP01_011322	MW-205_040822	DUP01_040822
			Sample Date	03/29/2021	03/29/2021	06/09/2021	06/09/2021	10/29/2021	10/29/2021	01/13/2022	01/13/2022	04/08/2022	04/08/2022
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds													
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<30 U	<30 U	<30 U	<30 U	<30 U	<15 U	<15 U	<15 U	<7.5 U	<15 U
1,1-Dichloroethane	75-34-3	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,1-Dichloroethene	75-35-4	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<50 UJ	<50 UJ	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	59	64	80	81	22 J	14 J	13 J	16 J	7.2 J	12 J
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2,000	2,100	3,000	2,900	2,000	1,500	1,100	1,300	580 J	890 J
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<50 UJ	<50 UJ	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<40 U	<40 U	<40 U	<40 U	<40 U	<20 U	<20 U	<20 U	<10 U	<20 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<10 U	<10 U	<10 U	<5 U	<10 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	410	440	700	690	390 J	260 J	200	250	76 J	120 J
1,3-Dichlorobenzene	541-73-1	3	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,3-Dichloropropane	142-28-9	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	160	170	250	250	64	39	38	47	16	30
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<5,000 UJ	<5,000 UJ	<5,000 UJ	<5,000 UJ	<5,000 U	<2,500 U	<2,500 U	<2,500 U	<1,200 U	<2,500 U
2,2-Dichloropropane	594-20-7	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
2-Chlorotoluene	95-49-8	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<100 UJ	<100 UJ	<100 U	<100 U	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
4-Chlorotoluene	106-43-4	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
4-Ethyltoluene	622-96-8	NS	ug/l	1,500	1,600	2,200	2,200	1,600 J	1,100 J	920	1,200	340 J	560 J
Acetone	67-64-1	50	ug/l	<100 U	<100 U	<100 U	35 J	68 J	72 J	<50 U	<50 U	<25 U	<50 U
Acrylonitrile	107-13-1	5	ug/l	<100 UJ	<100 UJ	<100 U	<100 UJ	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
Benzene	71-43-2	1	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Bromobenzene	108-86-1	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Bromochloromethane	74-97-5	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Bromodichloromethane	75-27-4	50	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Bromoform	75-25-2	50	ug/l	<40 U	<40 U	<40 U	<40 U	<40 U	<20 U	<20 U	<20 U	<10 U	<20 U
Bromomethane	74-83-9	5	ug/l	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Carbon Disulfide	75-15-0	60	ug/l	<100 U	<100 U	<100 U	<100 U	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
Carbon Tetrachloride	56-23-5	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Chlorobenzene	108-90-7	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Chloroethane	75-00-3	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Chloroform	67-66-3	7	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Chloromethane	74-87-3	5	ug/l	<50 U	<50 U	<50 UJ	<50 UJ	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Cymene	99-87-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Dibromochloromethane	124-48-1	50	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Dibromomethane	74-95-3	5	ug/l	<100 U	<100 U	<100 U	<100 U	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<100 U	<100 U	<100 UJ	<100 UJ	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Ethylbenzene	100-41-4	5	ug/l	1,200	1,200	1,500	1,500	1,300	1,300	1,200	1,400	610	820
Hexachlorobutadiene	87-68-3	0.5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	94	98	130	130	90	70	51	65	38	51
M,P-Xylene	179601-23-1	5	ug/l	4,600	4,800	5,900	5,700	4,300	3,700	2,800 J	4,300 J	1,300 J	1,900 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<100 UJ	<100 UJ	<100 UJ	<100 UJ	<100 U	<50 U	<50 U	<50 U	<25 U	<50 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<100 UJ	<100 UJ	<100 UJ	<100 UJ	<100 U	<50 U	<50 U	<50 U	<25 U	<50 U
Methylene Chloride	75-09-2	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Naphthalene	91-20-3	10	ug/l	250	250	320	330 J	240	190	140	180	99 J	140 J
n-Butylbenzene	104-51-8	5	ug/l	16 J	17 J	22 J	21 J	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
n-Propylbenzene	103-65-1	5	ug/l	260	280	400	390	250	190	130	160	82 J	120 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	1,400	1,400	1,100	1,000	1,300	1,200	1,600	2,100	720 J	1,000 J
Sec-Butylbenzene	135-98-8	5	ug/l	18 J	19 J	23 J	23 J	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Styrene	100-42-5	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
T-Butylbenzene	98-06-6	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<5 U	<5 U	<5 U	<2.5 U	<5 U
Toluene	108-88-3	5	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	14 J	19 J	25	6.7 J	8 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U	<25 U	<25 U	<25 U	<12 U	<25 U
Total Xylenes	1330-20-7	5	ug/l	6,000	6,200	7,000	6,700	5,600	4,900	4,			

805-825 Atlantic Ave
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 6
Imported Stone Summary

805-825 Atlantic Avenue
Brooklyn, New York
BCP Site No.: C224228
Langan Project No.: 170384501

Import Summary:		Loads	Tons	Job #: 170384501					
Tilcon New York Inc. (NYS #2)		23	833.21						
Evergreen Recycling of Corona (3/4-inch Bluestone)		3	85.47						
Total:		26	918.68						
Load No. & Date		Transporter Info		Material Info		Origin	Volume/Weight		
Load No.	Date	State	Hauler Name	Material Type	Manifest/Ticket No.	Source Facility	Scale Weight	Quantity (Tons)	
1	2/20/2020	NY	Almar Supplies Inc.	NYS #2	20976686	Tilcon New York Inc.	77,340	38.63	
2	3/13/2020	NY	Almar Supplies Inc.	NYS #2	20995806	Tilcon New York Inc.	79,760	39.88	
3	3/13/2020	NY	Almar Supplies Inc.	NYS #2	20995810	Tilcon New York Inc.	77,140	38.57	
4	5/4/2020	NY	Almar Supplies Inc.	NYS #2	20984622	Tilcon New York Inc.	76,400	34.65	
5	5/20/2020	NY	Almar Supplies Inc.	NYS #2	20987084	Tilcon New York Inc.	74,680	33.87	
6	5/21/2020	NY	Almar Supplies Inc.	NYS #2	20987330	Tilcon New York Inc.	74,400	33.75	
7	5/21/2020	NY	Almar Supplies Inc.	NYS #2	20987380	Tilcon New York Inc.	75,540	34.26	
8	5/22/2020	NY	Almar Supplies Inc.	NYS #2	20987435	Tilcon New York Inc.	76,020	34.48	
9	5/22/2020	NY	Almar Supplies Inc.	NYS #2	20987437	Tilcon New York Inc.	74,960	34.00	
10	5/22/2020	NY	Almar Supplies Inc.	NYS #2	20987448	Tilcon New York Inc.	79,080	35.87	
11	5/26/2020	NY	Almar Supplies Inc.	NYS #2	20987593	Tilcon New York Inc.	74,300	33.70	
12	5/26/2020	NY	Almar Supplies Inc.	NYS #2	20987591	Tilcon New York Inc.	75,920	34.44	
13	6/2/2020	NY	Almar Supplies Inc.	NYS #2	20988591	Tilcon New York Inc.	75,780	34.37	
14	6/26/2020	NY	Almar Supplies Inc.	NYS #2	20902632	Tilcon New York Inc.	74,540	33.81	
15	8/22/2020	NY	Kingdom Kearney	3/4-inch Bluestone	100740950	Evergreen Recycling of Corona	72,340	36.17	
16	8/22/2020	NY	Kingdom Kearney	3/4-inch Bluestone	100740959	Evergreen Recycling of Corona	74,220	37.11	
17	8/24/2020	NY	Kingdom Kearney	3/4-inch Bluestone	100740992	Evergreen Recycling of Corona	24,380	12.19	
18	8/28/2020	NY	Almar Supplies Inc.	NYS #2	20912069	Tilcon New York Inc.	75,680	37.84	
19	8/28/2020	NY	Almar Supplies Inc.	NYS #2	20912116	Tilcon New York Inc.	75,480	37.04	
20	8/31/2020	NY	Almar Supplies Inc.	NYS #2	20912149	Tilcon New York Inc.	76,640	38.32	
21	9/11/2020	NY	Almar Supplies Inc.	NYS #2	20913759	Tilcon New York Inc.	75,700	37.85	
22	9/11/2020	NY	Almar Supplies Inc.	NYS #2	20913761	Tilcon New York Inc.	74,560	37.28	
23	9/11/2020	NY	Almar Supplies Inc.	NYS #2	20913855	Tilcon New York Inc.	77,480	38.74	
24	9/30/2020	NY	Almar Supplies Inc.	NYS #2	20916080	Tilcon New York Inc.	73,640	36.82	
25	9/30/2020	NY	Almar Supplies Inc.	NYS #2	20916082	Tilcon New York Inc.	73,920	36.96	
26	9/30/2020	NJ	BML	NYS #2	20916084	Tilcon New York Inc.	76,160	38.08	

Table 7
SVE System Vapor Analytical Results Summary

805-825 Atlantic Avenue
Brooklyn, New York
Regulatory Site No.: C224228
Langan Project No.: 170384501

Analyte	CAS Number	Location	COMBINED_INFLUENT	COMBINED_INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT	SVE-INFLUENT
		Sample Name	COMBINED_INFLUENT	COMBINE_INFLUENT	SVE-INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT	SVE_INFLUENT
		Sample Date	-12302020	-01122021	_12232020	-01062021	-012121	-012821	-022621	-032921	-042721	-05262021	-062921	-073021	-082721	_092921	_102921	_112221	_122921	_032522
		Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																				
1,1,1-Trichloroethane	71-55-6	ug/m3	<20.5 U	<16.8 U	3.44	<21.8 U	<12.8 U	<5.46 U	<9.11 U	<4.2 U	<4.2 U	<3.64 U	<6.82 U	<5.46 U	<4.54 U	<6.82 U	1.77	<7.8 U	<22.9 U	<24.6 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<21.1 U	<25.8 U	<37.6 U	<27.5 U	<16.1 U	<6.87 U	<11.5 U	<5.28 U	<5.28 U	<4.58 U	<8.58 U	<6.87 U	<5.72 U	<8.58 U	<1.37 U	<9.82 U	<28.8 U	<30.9 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	<28.7 U	<23.5 U	<42 U	<30.7 U	<18 U	<7.66 U	<12.8 U	<5.89 U	<5.89 U	<5.11 U	<9.58 U	<7.66 U	<6.38 U	<9.58 U	<1.53 U	<11 U	<32.1 U	<34.5 U
1,1,2-Trichloroethane	79-00-5	ug/m3	<20.5 U	<16.8 U	<29.9 U	<21.8 U	<12.8 U	<5.46 U	<9.11 U	<4.2 U	<4.2 U	<3.64 U	<6.82 U	<5.46 U	<4.54 U	<6.82 U	<1.09 U	<7.8 U	<22.9 U	<24.6 U
1,1-Dichloroethane	75-34-3	ug/m3	<15.2 U	<12.4 U	<22.2 U	<16.2 U	<9.51 U	<4.05 U	<6.76 U	<3.11 U	<3.11 U	<2.7 U	<5.06 U	<4.05 U	<3.37 U	<5.06 U	<0.809 U	<5.79 U	<17 U	<18.2 U
1,1-Dichloroethene	75-35-4	ug/m3	<14.9 U	<12.2 U	<2.17 U	<15.9 U	<9.32 U	<3.96 U	<6.62 U	<3.05 U	<3.05 U	<2.64 U	<4.96 U	<3.96 U	<3.3 U	<4.96 U	<0.793 U	<5.67 U	<16.6 U	<17.8 U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<27.8 U	<22.8 U	<40.7 U	<29.7 U	<17.4 U	<7.42 U	<12.4 U	<5.71 U	<5.71 U	<4.95 U	<9.28 U	<7.42 U	<6.18 U	<9.28 U	<1.48 U	<10.6 U	<31.1 U	<33.4 U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	1,680	1,710	1,020	2,100	1,230	944	728	615	363	251	260	46.1	67.8	182	90.9	77.7	98.8	68.8
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<28.8 U	<23.6 U	<42.1 U	<30.7 U	<18.1 U	<7.69 U	<12.8 U	<5.91 U	<5.91 U	<5.13 U	<9.61 U	<7.69 U	<6.4 U	<9.61 U	<1.54 U	<11 U	<32.2 U	<34.6 U
1,2-Dichlorobenzene	95-50-1	ug/m3	<22.5 U	<18.5 U	<32.9 U	<24 U	<14.1 U	<6.01 U	<10 U	<4.62 U	<4.62 U	<4.01 U	<7.52 U	<6.01 U	<5.01 U	<7.52 U	<1.2 U	<8.6 U	<25.2 U	<27.1 U
1,2-Dichloroethane	107-06-2	ug/m3	<15.2 U	<12.4 U	<22.2 U	<16.2 U	<9.51 U	<4.05 U	<6.76 U	<3.11 U	<3.11 U	<2.7 U	<5.06 U	<4.05 U	<3.37 U	<5.06 U	<0.809 U	<5.79 U	<17 U	<18.2 U
1,2-Dichloropropane	78-87-5	ug/m3	<17.3 U	<14.2 U	<25.3 U	<18.5 U	<10.9 U	<4.62 U	<7.72 U	<3.55 U	<3.55 U	<3.08 U	<5.78 U	<4.62 U	<3.85 U	<5.78 U	2.27	<6.61 U	<19.4 U	<20.8 U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<26.2 U	<21.5 U	<38.3 U	<28 U	<16.4 U	<6.99 U	<11.7 U	<5.38 U	<5.38 U	<4.66 U	<8.74 U	<6.99 U	<5.82 U	<8.74 U	<1.4 U	<10 U	<29.3 U	<31.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	659	742	458	850	556	497	329	261	168	117	127	31.2	43.1	91.9	55.1	59	96.4	59
1,3-Butadiene	106-99-0	ug/m3	<8.3 U	<6.79 U	<12.1 U	<8.85 U	<5.2 U	<2.21 U	<3.69 U	<1.7 U	<1.7 U	<1.48 U	<2.77 U	<2.21 U	<1.84 U	<2.77 U	<0.442 U	<3.16 U	<9.27 U	<9.96 U
1,3-Dichlorobenzene	541-73-1	ug/m3	<22.5 U	<18.5 U	<32.9 U	<24 U	<14.1 U	<6.01 U	<10 U	<4.62 U	<4.62 U	<4.01 U	<7.52 U	<6.01 U	<5.01 U	<7.52 U	<1.2 U	<8.6 U	<25.2 U	<27.1 U
1,4-Dichlorobenzene	106-46-7	ug/m3	<22.5 U	<18.5 U	<32.9 U	<24 U	<14.1 U	<6.01 U	<10 U	<4.62 U	<4.62 U	<4.01 U	<7.52 U	<6.01 U	<5.01 U	<7.52 U	<1.2 U	<8.6 U	<25.2 U	<27.1 U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<13.5 U	<11.1 U	<19.7 U	<14.4 U	<8.47 U	<3.6 U	<6.02 U	<2.77 U	<2.77 U	<2.4 U	<4.5 U	<3.6 U	<3 U	<4.5 U	<0.721 U	<5.15 U	<15.1 U	<16.2 U
2,2,4-Trimethylpentane	540-84-1	ug/m3	1,920	1,200	3,740	1,530	948	953	831	556	291	1,110	915	476	250	189	283	1,100	5,280	4,540
2-Hexanone (MBK)	591-78-6	ug/m3	<15.4 U	<12.6 U	<22.5 U	<16.4 U	<9.63 U	<4.1 U	<6.84 U	<3.15 U	<3.15 U	<2.73 U	<5.12 U	<4.1 U	<3.41 U	<5.12 U	<0.82 U	<5.86 U	<17.2 U	<18.4 U
4-Ethyltoluene	622-96-8	ug/m3	516	585	362	659	440	348	201	137	74.2	83.6	58	17.9	17.6	43.5	23.2	24	49	33.5
Acetone	67-64-1	ug/m3	45.8	<36.6 U	<65.1 U	<47.5 U	<28 U	13.2	42.5	62.9	87.9	22.3	128	161	126	73.4	34.7	<17 U	<49.6 U	<53.4 U
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<11.7 U	<9.61 U	<17.2 U	<12.5 U	<7.36 U	<3.13 U	<5.23 U	<2.41 U	<2.41 U	<2.09 U	<3.91 U	<3.13 U	<2.61 U	<3.91 U	<0.626 U	<4.48 U	<13.1 U	<14.1 U
Benzene	71-43-2	ug/m3	45	17.2	77	36.4	14.2	11.8	22.5	11.1	6.9	14.4	12.1	7.67	9.81	4.92	4.41	<4.57 U	21	<14.4 U
Benzyl Chloride	100-44-7	ug/m3	<19.4 U	<15.9 U	<28.4 U	<20.7 U	<12.2 U	<5.18 U	<8.65 U	<3.98 U	<3.98 U	<3.45 U	<6.47 U	<5.18 U	<4.31 U	<6.47 U	<1.04 U	<7.4 U	<21.7 U	<23.3 U
Bromodichloromethane	75-27-4	ug/m3	<25.1 U	<20.6 U	<36.7 U	<26.8 U	<15.7 U	<6.7 U	<11.2 U	<5.15 U	<5.15 U	<4.47 U	<8.37 U	<6.7 U	<5.58 U	<8.37 U	<1.34 U	<9.58 U	<28.1 U	<30.1 U
Bromoethene	593-60-2	ug/m3	<16.4 U	<13.4 U	<24 U	<17.5 U	<10.3 U	<4.37 U	<7.3 U	<3.36 U	<3.36 U	<2.92 U	<5.47 U	<4.37 U	<3.64 U	<5.47 U	<0.874 U	<6.25 U	<18.3 U	<19.7 U
Bromoform	75-25-2	ug/m3	<38.8 U	<31.7 U	<56.7 U	<41.4 U	<24.3 U	<10.3 U	<17.3 U	<7.95 U	<7.95 U	<6.9 U	<12.9 U	<10.3 U	<8.61 U	<12.9 U	<2.07 U	<14.8 U	<43.3 U	<46.5 U
Bromomethane	74-83-9	ug/m3	<14.6 U	<11.9 U	<21.3 U	<15.5 U	<9.13 U	<3.88 U	<6.48 U	<2.99 U	<2.99 U	<2.59 U	<4.85 U	<3.88 U	<3.23 U	<4.85 U	<0.777 U	<5.55 U	<16.3 U	<17.5 U
Carbon Disulfide	75-15-0	ug/m3	<11.7 U	<9.56 U	<17.1 U	<12.5 U	<7.32 U	<3.11 U	<5.2 U	<2.39 U	<2.39 U	<2.08 U	<3.89 U	<3.11 U	<2.59 U	<3.89 U	<0.623 U	<4.45 U	<13 U	<14 U
Carbon Tetrachloride	56-23-5	ug/m3	45.7	28.2	26.2	50.2	19.9	11.1	<10.5 U	8.62	7.23	5.2	<7.86 U	8.3	7.05	10.1	2.67	<9 U	<26.4 U	<28.3 U
Chlorobenzene	108-90-7	ug/m3	<17.3 U	<14.1 U	<25.2 U	<18.4 U	<10.8 U	<4.61 U	<7.69 U	<3.54 U	<3.54 U	<3.07 U	<5.76 U	<4.61 U	<3.84 U	<5.76 U	<0.921 U	<6.59 U		

Table 7
SVE System Vapor Analytical Results Summary

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**805-825 Atlantic Avenue
Brooklyn, New York
Regulatory Site No.: C224228
Langan Project No.: 170384501**

Notes:

CAS - Chemical Abstract Service
NS - No standard
NA - Not Analyzed
RL - Reporting Limit
<RL - Not detected
ug/m3 - micrograms per cubic meter
SV - Soil Vapor
SVE - Soil Vapor Extraction

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.