FINAL ENGINEERING REPORT

for

1095 Southern Boulevard
Block 2727, Lot 41
New York, NY 10459
NYSBCP Site No. C203055

Prepared For:

Urban Health Plan, Inc.
1065 Southern Blvd., Bronx, NY 10459

Prepared By:

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
360 West 31st Street, 8th Floor
New York, New York 10001

May 24, 2024
Langan Project No. 170199904

LANGAN

CERTIFICATIONS

I, Gerald Nicholls, P.E., 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 (RAWP) was implemented and that all construction activities were completed in substantial conformance with the Department-approved RAWP.

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

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

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

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

NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
C/D	Construction and Demolition
CPP	Citizen Participation Plan
CQUAP	Construction Quality Assurance Plan
CVOC	Chlorinated Volatile Organic Compound
DSHM	Division of Solid & Hazardous Materials
El.	Elevation
EPA	Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbons
EWMI	Environmental Waste Minimization, Inc.
FER	Final Engineer Report
GRO	Gasoline Range Organics
µg/m^3	Micrograms per cubic meter
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	OSHA
PCBs	Polychlorinated Biphenyls
PCE	Tetrochloroethene
PID	Photo Ionizing Detector
PM10	Particulate Matter Smaller than 10 microns in diameter
PPM	Parts Per Million
QEP	Qualified Environmental Professional
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation Recovery Act
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
SCOs	Soil Cleanup Objectives
SRIWP	Supplemental Remedial Investigation Work plan

Acronym	Definition
SWPPP	Stormwater Pollution Prevention Plan
TCE	Trichloroethene
TCL	Target Compound list
TPH	Total Petroleum Hydrocarbon
UHP	Urban Health Plan Inc.
VOCs	Volatile Organic Compounds

1.0 BACKGROUND AND SITE DESCRIPTION

Urban Health Plan, Inc. (UHP) executed a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on March 4, 2011 to investigate and remediate a 10,000-square-foot property located at 1095 Southern Boulevard, the Bronx, New York (the "site") under the Brownfield Cleanup Program (BCP Site C203055). BCA Amendment #1 was executed on October 15, 2014 to add 1095 Southern Boulevard Urban, LLC as a applicants. BCA Amendment #2 was executed on June 29, 2016 to add 1095 Southern OpCo LLC, 1095 Southern HoldCo LLC, 1095 Southern III LLC, 1095 Southern IV LLC as applicants. BCA Amendment #3 was executed on March 13, 2020 to remove 1095 Southern HoldCo LLC, 1095 Southern III LLC, 1095 Southern IV LLC as applicants. An amendment was executed on September 2, 2020 to transfer the site from a Generation 2 to Generation 3 BCP site to align with the revised statutory schedule. BCA Amendment #4 was executed on November 12, 2021 to document sale of the property to Urban Health Plan, Inc. as the sole owner of the BCP site.

The site is located at 1095 Southern Boulevard in the Bronx, New York and is identified as New York City Tax Block 2727, Lot 41. The about 10,000-square foot site confirms to the tax lot boundaries and is bordered by a five-story residential building to the north with a ground-level salon; Southern Boulevard to the east, followed by a parking lot; a two-story residential building with ground-level daycare and playground to the south; and one five-story and three two-story residential buildings to the west. A New York City Transit (NYCT) elevated rail for the Nos. 2 and 5 Metropolitan Transit Authority (MTA) trains runs above Southern Boulevard, along the eastern boundary of the site. A Site Location Plan is provided as Figure 1.

Remediation was completed between June 13, 2022 and October 17, 2023 concurrent with construction. After construction, the site will be used as a five-story medical facility and office for the surrounding community.

This Final Engineering Report (FER) describes the remedial actions completed in accordance with the NYSDEC-approved RAWP and Decision Document for a Track 1 Unrestricted Use cleanup.

2.0 SITE HISTORY AND REMEDIAL ACTION SELECTION

2.1 Site and Environmental History

The site was vacant and undeveloped between 1896 and 1915. Ownership records report that the site was used as a food retail venue as early as 1940. Site usage information between 1915 and 1940 was not available. According to a review of Sanborn maps, the eastern part of the site was developed with a one-story building, used as a store, with basement from 1950 to 1993. A New York City Department of Buildings (NYCDOB) record, dated 26 August 1993, indicated historical site usage as a dry cleaner. This building remained until November 2008, when it was destroyed by fire. Since destruction of the building by fire in 2008, the site was vacant until 2022 when construction began. A site plan showing pre-remediation conditions is provided as Figure 2.

The results of previous investigations and the remedial investigation indicated the following findings:

- Four geologic units existed beneath the site: non-native fill, native soil, decomposed bedrock, and bedrock. The native soil contained a clayey silt layer, which had lower permeability and higher organic content than the non-native fill above and the silty sand and decomposed bedrock below.
- About 1,035 cubic yards (1,550 tons) of chlorinated volatile organic compound (CVOC)-impacted, F002-listed hazardous soil were identified–primarily found near the southeast site corner from 11 to 21 feet below grade surface (bgs). The listed hazardous soil was characterized and delineated as part of Contained-In Determination approved by the NYSDEC. Previous sampling indicated that the clayey silt layer's lower permeability and higher organic content retarded downward migration of CVOC impacts.
- DNAPL was not identified in the overburden or bedrock monitoring wells. CVOC impacts in overburden soil and groundwater samples indicated that residual CVOC source material was bound within the clayey silt layer.
- Non-hazardous non-native fill identified in all other areas outside of the listed hazardous soil area, within the site, were at concentrations exceeding the Title 6 New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Unrestricted Use (UU) Soil Cleanup Objectives (SCOs).
- Total CVOC concentrations in overburden groundwater were between 240 micrograms per liter (µg/L) and 150,000 µg/L, with the highest concentrations found in the eastern part of the site. CVOC concentrations in bedrock were between 5.3 µg/L and 841 µg/L, with the highest concentrations also in the eastern part of the site.

- Tetrachloroethene (PCE) was detected in soil vapor up to 2,800 micrograms per cubic meter (µg/m^3) in the southeastern site corner and trichloroethene (TCE) was detected up to 280 µg/m^3 in the western side of the site.
- Supplemental groundwater sampling at three wells for per- and polyfluoroalkyl substances (PFAS) identified perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in all samples. The concentrations were not indicative of a source and there is no history of PFAS use at the site; therefore, no further action related to emerging contaminants was needed.

2.2 Remedial Action Objectives

Based on the results of the remedial investigation and previous investigations, the following Remedial Action Objectives (RAOs) were identified for this site.

Media	RAOs for Public Health Protection	RAOs for Environmental Protection
Soil	• Prevent ingestion and direct contact with contaminated soil • Prevent inhalation of or exposure to contaminants volatilizing from contaminated soil	• Prevent migration of contaminants that would result in groundwater contamination
Groundwater	• Prevent ingestion of groundwater containing contaminant concentrations above drinking water standards • Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater	• Restore the groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable • Remove the source of ground or surface water contamination
Soil Vapor	• Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the site	

2.3 Description of selected remedy

The site was remediated in accordance with the NYSDEC-approved September 9, 2013 RAWP; October 31, 2013 Decision Document; September 30, 2015 Contained-In Determination for CVOC-Impacted Soil; and NYSDEC-issued August 19, 2019 Explanation of Significant Difference (ESD). The factors considered during the selection of the remedy are those listed in the NYSDEC Division of Environmental Remediation (DER) Program Policy DER-10 ("Technical Guidance for Site Investigation and Remediation") and 6 NYCRR Part 375. Documentation of agency approvals, including NYSDEC approval of the RAWP, Decision Document, Contained-In Determination, and NYSDEC-issued ESD are included in Appendix A.

The selected remedy was implemented under NYSDEC oversight and will achieve a Track 1 Unrestricted Use cleanup through completion of the following elements:

- Development and implementation of a Construction Health and Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) for the protection of on-site workers, the public, and the environment during remediation.
- Installation of a concrete secant pile wall around the site perimeter and into bedrock as a groundwater cutoff wall, in addition to providing support of excavation.
- Excavation and removal of all on-site soil/fill and F002-listed hazardous soil down to bedrock across the entire site to about 24 feet bgs and as deep as 30 feet bgs for elevator pits. Bedrock was at variable depths and as shallow as 18 feet bgs, and was also removed to achieve the target excavation depth.
- Off-site disposal of about 2,171 tons of listed hazardous soil and about 12,039 tons of non-hazardous soil/fill at permitted disposal facilities.
- Removal of all on-site groundwater above and partially within bedrock using a dewatering system. Dewatered fluids were treated through an on-site treatment system before discharge to the New York City sewer system in accordance with a New York City Department of Environmental Protection (NYCDEP) sewer discharge permit.
- Import of NYSDEC-approved virgin, native crushed stone from an off-site source for use as a temporary truck pad and backfill. All temporary imported stone was removed with site soil/fill during excavation down to bedrock.
- Placement of a concrete mud-mat directly atop bedrock and construction of 30-inch-thick reinforced concrete mat foundation followed by a 6-inch-thick topping slab (cellar surface). A waterproofing membrane was installed below the foundation mat slab and between the foundation walls and secant pile wall.
- Installation of a cellar ventilation system, as required by NYC Building Code for the cellar parking and utility spaces.
- Installation of two off-site monitoring well pairs in the adjoining Southern Boulevard sidewalk. Each well pair consisted of a shallow well (screened in the overburden) and a deep well (socketed into bedrock). Groundwater samples were collected from the four wells and analyzed for VOCs, in accordance with the RAWP.
- Future completion of quarterly off-site post-COC groundwater sampling events, showing bulk reduction of CVOCs.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

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

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The remedial action was completed between June 13, 2022 and October 17, 2023 in accordance with the NYSDEC-approved September 9, 2013 RAWP; October 31, 2013 Decision Document; September 30, 2015 Contained-In Determination for CVOC-Impacted Soil; and NYSDEC-issued August 19, 2019 Explanation of Significant Difference (ESD). Langan documented remedial activities in daily site observation report and monthly progress reports. Daily and monthly reports submitted to the NYSDEC are provided in Appendix B. Deviations from the NYSDEC-approved documents are described in Section 4.9. Based on the completed remedial actions, a Track 1 Unrestricted Use cleanup will be achieved, pending quarterly off-site groundwater sampling events showing bulk reduction in CVOC's. The Track 1 Unrestricted Use SCOs are summarized in Table 1.

4.1 Governing Documents

4.1.1 Site Specific Health & Safety Plan (HASP)

Remedial work performed under this remedial action was in compliance with governmental requirements, including site and worker safety requirements mandated by Federal OSHA (Occupational Safety and Health Administration). Documented remedial and invasive work complied with the provisions of the site-specific CHASP, which met the requirements of Code of Federal Regulations (CFR) Title 29 Part 1910 (29 CFR 1910) and 29 CFR 1926 (which includes 29 CFR 1910.120 and 29 CFR 1926.65).

Contractors performing the remediation were responsible for the health and safety of their own employees and complying with the OSHA requirements applicable to their trade work.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as RAWP Appendix C and describes the specific policies, objectives, organization, functional activities, and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives.

Project Organization

Project organization and associated roles, including key personnel, descriptions of duties, and lines of authority in the management of the remedial action included the following project personnel:

Remediation Engineer:	Gerald Nicholls, P.E.
Project Manager:	Albert Tashji, P.E.
Langan Health & Safety Officer:	Tony Moffa, ASP, CHMM, COSS

Site Safety Coordinator	William Bohrer, P.G.
Qualified Environmental Professional	Michael Burke, P.G., CHMM
Field Team Leader	Roswell Lo, E.I.T.
Quality Assurance Officer	Jason Hayes, P.E.

The Remedial Engineer directly supervised field staff that were on-site during the remedial action, including field screening of excavations, soil/fill excavation and removal, and CAMP implementation. The RE supervised field staff met with the Remedial Contractors (see section 4.2.1) on a daily basis to discuss the plans for that day and schedule upcoming activities. Field staff kept a project field book and a photograph log documenting remedial activities. Daily reports summarizing remedial activities and CAMP results were submitted to NYSDEC and the New York State Department of Health (NYSDOH).

4.1.3 Soil/Materials Management Plan (SMMP)

The Soil/Materials Management Plan (SMMP) included in the NYSDEC-approved RAWP (Section 5.4) provided detailed plans for managing soil/materials that were disturbed during implementation of the remedy, including excavation, handling, storage, transportation, and disposal of the soil and nuisance mitigation measures. Remediation was completed using conventional hydraulic equipment and hand tools.

4.1.3.1 Soil Screening Methods

Visual, olfactory and PID soil screening and assessments were performed by field staff under the supervision of the remedial engineer during remedial excavation. Instrumental soil screening was performed with a PID equipped with a 10.6 electron volt (ev) lamp.

4.1.3.2 Stockpile Methods

Soil stockpile areas, when needed for the different soil materials, were constructed for staging of site soil, pending loading for off-site disposal. Separate stockpile areas were used to avoid comingling materials of differing waste types. Impacted source material from the 10- to 20-foot depth range was directly loaded into trucks for off-site disposal or stockpiled temporarily. Source material was not stockpiled overnight. All stockpile areas met the following minimum requirements:

- Excavated soil was placed onto a minimum thickness of 10-mil (thousands of an inch) low-permeability liner of sufficient strength and thickness; separate stockpiles were created for different material types as needed.
- Equipment and procedures were used to place and remove the soil to minimize the potential to jeopardize the integrity of the liner.

- Stockpiles were covered at the end of each workday with a minimum 6-mil plastic sheet/tarp and securely anchored to the ground.
- Stockpiles were routinely inspected, and broken sheeting covers were promptly replaced.
- Individual stockpiles did not exceed 1,000 cubic yards.

4.1.3.3 Excavated Materials Load Out, Transport and Off-site Disposal

The waste types and quantities of waste removed are described in Section 4.3. Listed hazardous soil, non-native fill, secant pile drill cuttings, native soil, and native bedrock were removed and transported off site for disposal. All excavated soil was handled, transported and disposed of in accordance with applicable Part 360 and Part 364 regulations, and other applicable local, state and federal regulations. The Waste Disposal Manager (see section 4.2.1) provided the appropriate permits, certifications, and written commitments from disposal facilities accepting the soil/fill. Excavated soil/fill was not reused on site.

The Remedial Engineer reviewed the Remedial Contractors proposed disposal facilities to document permit compliance to accept the soil/fill. Hazardous and non-hazardous contaminated soil was transported to facilities licensed to receive such material from the site. Approval letters were provided on the facility's letterhead, and included the BCP site as the originating location, referenced the analytical data provided to and reviewed by the facility, and noted any restrictions on delivery schedules or other non-analytical conditions that may have caused rejection of transported soil/fill.

Langan staff observed the load-out of excavated soil/fill. Loaded vehicles leaving the site were appropriately lined, securely covered, manifested, and placarded in accordance with appropriate federal, state, and local requirements. Hazardous and non-hazardous soil was transported by waste removal contractors who possessed a valid New York State Part 364 Waste Transporter Permit, where applicable. A manifest system was used to document and track off-site movement of non-hazardous wastes and contaminated soil.

4.1.3.4 Fluids Management

Temporary construction dewatering and groundwater treatment was required to reach the remediation and development depths. Dewatering fluids were pumped from localized sumps into a 1,000-gallon fractionation tank and then continued through two 5-micron bag filters (in parallel) into two 1,000-pound activated carbon vessels (in series) for treatment prior to discharge to the New York City sewer system. Discharge to the sewers was performed in accordance with a New York City Department of Environmental Protection (NYCDEP) wastewater discharge permit (approval number 22-C-7705-1). The contractor treated and removed about 1,274,060

gallons of groundwater before discharge to the New York sewer system. Dewatering and treatment system documentation is provided in Appendix C.

After receiving approval to remove the treatment system, incidental water needing to be removed was collected into a storage tank and later removed via vacuum truck for off-site disposal at a permitted facility. Fluids removal is further discussed in Section 4.3.

4.1.3.5 Backfill from Off-Site Sources

Backfill materials imported to the site were reviewed by the Remediation Engineer and pre-approved by the NYSDEC. Solid waste or material from industrial sites, spill sites, other environmental remediation sites or other potentially contaminated sites was not imported to the site. Imported virgin stone was used to stabilize the site surface at various phases of the remediation, but was completely removed later during sitewide excavation down to bedrock. Backfill import material and quantities are described in Section 4.5.

4.1.3.6 Truck Traffic Control

Truck routes were selected by considering the following:

- Limiting transport through residential areas
- Use of defined truck routes
- Minimizing to the extent possible off-site queuing of trucks entering the facility
- Limiting the total distance to the major thoroughfares
- Safety in access to highways
- Overall safety in transport

Soil was removed from the exterior of outbound trucks before leaving the site. Locations where vehicles enter or exit the site were inspected daily for evidence of off-site sediment tracking. Egress points for truck and equipment transport from the site were routinely cleaned of excess site soil/fill. Cleaning of the adjacent street was performed as needed to maintain a clean condition with respect to site-derived soil/fill.

4.1.4 Stormwater Pollution Prevention Plan

A Stormwater Pollution Prevention Plan (SWPPP) was not necessary, because the project disturbed less than one acre and stormwater discharged to a combined NYC sewer. Since earthwork was completed below the adjacent sidewalk grade, full-time erosion and sedimentation measures were not required. Best Management Practices for soil erosion were selected and implemented, as needed, to minimize erosion and sedimentation off-site.

4.1.5 Community Air Monitoring Plan (CAMP)

The CAMP was developed in accordance with the requirements of the NYSDEC DER-10 and the NYSDOH Generic CAMP to prevent off-site receptors, including neighboring residences and businesses, from potential airborne contaminant releases during intrusive field activities. CAMP results are discussed in Section 4.2.6.

Continuous real-time monitoring for VOCs and particulate matter smaller than 10 microns in diameter (PM10) was performed at the upwind and downwind perimeter of the daily designated work area during ground-intrusive activities. Each monitoring station was equipped with a MiniRAE 3000 PID (or similar) for monitoring VOCs and a TSI DustTrak aerosol monitor for measuring PM10. A portable PID was used to monitor the work zone and the site perimeter was visually monitored for fugitive dust emissions.

Action levels used for PM10 and VOCs were established in the CAMP (Appendix B of the RAWP). Per the CAMP, the action level for particulates was set at 150 micrograms per cubic meter ($\mu g/m^3$) above background for a 15-minute average. The alert level (to assess perimeter site conditions and apply dust suppression as necessary) for particulates was set at 100 $\mu g/m^3$ above background for a 15-minute average. The action levels for VOCs were set at 25 parts per million (ppm) for instantaneous readings above background and 5 ppm above background for a 15-minute average. Aerosol and PIDs were monitored on a continuous basis during implementation of the RAWP. Fifteen-minute running averages were calculated from the data recorded and were compared to the action levels specified in the CAMP.

Field personnel observed ambient air conditions to check for visible dust emissions and odors and monitored CAMP station measurements; if visible dust emissions, odors, or action level exceedances were observed, mitigation measures were implemented. Preventative measures for dust generation included wetting surficial soil and surrounding work areas. Instances when 15-minute-average concentrations of VOCs and PM10 exceeded action levels were included in the daily reports. CAMP results and response actions are discussed in Section 4.2.6.

4.1.6 Contractors Site Operations Plans

Site Operations Plans (SOPs) for this remedial project consisted of construction specifications, including safety, health and emergency response, excavation, storage, handling, transport, and disposal specifications. The Remediation Engineer reviewed plans and submittals related to the remedial project to verify compliance with the RAWP and NYSDEC-approved documents. Remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.7 Community Participation Plan

The Citizen Participation Plan (CPP) lends transparency to remediation projects by providing the public with information on the proposed plans and an outlet to voice concerns to limit the impact a remediation project may have on the surrounding community. The CPP established a protocol for citizen participation, including creating a document repository to contain a copy of all applicable project documents. Document repositories for this project were established at the following locations:

Hunt's Point Library	**Bronx Community Board #2**
877 Southern Boulevard	1029 East 163rd Street
Bronx, NY 10456	Bronx, NY 10459
Phone: (718) 617-0338	Phone: (718) 328-9125

A certification of mailing was sent by the Volunteer to the NYSDEC project manager following the distribution of fact sheets and notices that included: (1) certification that the fact sheets were mailed, (2) the date they were 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. Additional fact sheets will be distributed to announce (1) the completion of the Remedial Action with a summary of this FER, and (2) the issuance of the COC for the site.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Gilbane Building Company (Gilbane) was hired as the Construction Manager responsible for remediation, obtaining permits for construction, preventing exposures to the surrounding area, and maintaining a safe work site. Darcon Construction Corporation (Darcon) under direction by Gilbane implemented the remediation, which was documented by Langan. Copies of permits related to implementation of the RAWP are provided in Appendix C.

The following table summarizes parties associated with RAWP implementation and their responsibilities:

Contractor Consultant	Company Name	General Responsibilities
Remedial Engineer	Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	• Remediation Design • Remediation Submittal Reviews • Observation and documentation of work for conformance with the RAWP implementation • Periodic reporting to NYSDEC and NYSDOH
Construction Manager	Gilbane Building Company	• Implement the RAWP • Coordinate and obtain construction permits (NYCDOB, NYSDOT, NYCDEP, etc.) to execute the work.
Remediation Contractor	Darcon Construction Inc.	• Earthwork • Support of Excavation • Excavation and loadout of site soil/fill • Nuisance odor and dust control
Soil Waste Disposal Manager	Environmental Waste Minimalization, Inc (subcontractor to Darcon)	• Coordinate soil disposal facility approvals • Schedule trucks and maintain disposal records
Support of Excavation Contractor	Keller Foundations	• Secant pile wall installation

4.2.2 Site Preparation

Gilbane coordinated the following mobilization and site preparation activities in June 2022:

- Identified the location of aboveground and underground utilities (e.g., power, gas, water, sewer, and telephone), equipment, and structures as necessary to implement the remedy.
- Mobilized necessary remediation personnel, equipment, and materials.
- Constructed a temporary, stabilized construction entrance located in the eastern part of the site along Southern Boulevard, which included a site-access ramp.
- Installed erosion and sediment control measures, as needed, in accordance with the construction specifications.
- Installed temporary construction fencing around the perimeter of the site, including locked gates to limit unauthorized access to areas where remediation was conducted.

- Installed and maintained a water hose at the site access/loading ramp for washing outbound trucks before exiting the site.
- Obtained required agency and city approvals and permits from the NYSDEC and NYCDEP to implement the remedial action.

4.2.3 NYSDEC Pre-Construction Meeting

Prior to beginning the remedial action, a pre-construction meeting was held with the Volunteer, NYSDEC, RE representative, and remediation contractor on January 10, 2022. The meeting objective was to introduce the remediation team, discuss NYSDEC expectations, review the RAWP and approved NYSDEC documents, and identify the expected construction schedule for the BCP project.

4.2.4 General Site Controls

4.2.4.1 Site Security

The site perimeter was secured with gated, signed, plywood fencing with points of entry in accordance with NYCDOB and New York City Department of Transportation (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.

4.2.4.2 Job Site Record Keeping

Field observations were recorded in the form of notes, charts, sketches, or photographs. All observations were recorded in the project field book. Daily and monthly reports that summarized remedial activities and project progress were submitted to the NYSDEC and NYSDOH project managers within the reporting period. Monthly reports summarizing remedial activities during the reporting period and anticipated activities for the next month were also submitted to the NYSDEC and NYSDOH. Daily and monthly reports are further discussed in Section 4.2.7.

4.2.4.3 Equipment Decontamination and Residual Waste Management

Construction equipment was decontaminated after working in CVOC-impacted soil. Rinse water was collected and transferred through the on-site treatment system before discharge to the New York City sewer system through a site connection or transported for off-site disposal. Refuse not generated from the site subsurface was periodically collected and removed as typical trash.

4.2.5 Nuisance Controls

Dust Control

The Remediation Contractor used dust suppression techniques while excavating, drilling, cutting, grading, stockpiling, and during other remediation activities. The Remediation Contractor applied

water to dry work zones and excavation areas and covered stockpiles with polyethylene sheeting, as needed, to minimize releases of airborne particulates.

Odor Control

Nuisance odors from site soil were not observed during the remedial action. While odor controls were available, they were not needed to control site conditions.

Complaints

No known complaints related to nuisance odors, vapors or dust were received during remediation.

4.2.6 CAMP Results

Continuous air monitoring for particulates and VOCs was performed at upwind and downwind stations during ground-intrusive work in accordance with the CAMP described in Section 4.1.6. Fifteen-minute running averages were calculated from the data recorded at each station, and averages were compared to the action levels established in the CAMP.

CAMP action levels were triggered on 15 occasions for particulates; action levels for VOCs were not exceeded. Incident details, including reasons for the exceeding concentrations and corrective measures, are summarized in the following table. Daily CAMP field data summary sheets and air monitoring data are provided in Appendix D.

Date of Exceedance	Total Duration (HH:MM)	Particulate/VOC Exceedance at Downwind Station	Maximum 15-Minute Average Concentration Observed	Reason for Exceedance	Corrective Measures
June 21, 2022	00:10	Particulate	181.7 mg/m^3	Vehicle movement in close proximity to the downwind station	Occurrence was temporary and quickly subsided. Area was monitored for further interference. No further action.
June 24, 2022	00:05	Particulate	166.1 mg/m^3	Concrete trucks being cleaned in close proximity to the downwind station	Truck was relocated. Area was monitored for further interference. No further action.

Date of Exceedance	Total Duration (HH:MM)	Particulate/VOC Exceedance at Downwind Station	Maximum 15-Minute Average Concentration Observed	Reason for Exceedance	Corrective Measures
September 12, 2022	00:11	Particulate	379.1 mg/m^3	Trucks in close proximity to the downwind station	Contractor sprayed water to wet the area and dry surface
November 3, 2022	00:05	Particulate	195.2 mg/m^3	Excavator moving in close proximity to downwind station	Contractor sprayed water to wet the area and dry surface
November 9, 2022	00:05	Particulate	240.0 mg/m^3	Excavator moving in close proximity to downwind station	Contractor sprayed water to wet the area and dry surface
January 11, 2023	00:24	Particulate	237.6 mg/m^3	Hammering Bedrock	Contractor paused work, sprayed water to wet the area. Work resumed after particulate concentrations returned to background
January 30, 2023	00:08	Particulate	393.3 mg/m^3	Welding activities near downwind station	Welding activities paused until concentrations return to background
February 1, 2023	00:01	Particulate	392.5 mg/m^3	Truck unloading stone near downwind station	Station was temporarily relocated away from proximate work
February 2, 2023	00:02	Particulate	214.3 mg/m^3	Drilling secant pile wall adjacent to CAMP station	Drilling activities ceased
February 6, 2023	00:19	Particulate	223.7 mg/m^3	High winds near downwind station	Contractor sprayed water to wet the area and dry surface
February 9, 2023	00:09	Particulate	265.4 mg/m^3	Drilling bedrock adjacent to downwind station	Contractor sprayed water to wet the area and dry surface

Date of Exceedance	Total Duration (HH:MM)	Particulate/VOC Exceedance at Downwind Station	Maximum 15-Minute Average Concentration Observed	Reason for Exceedance	Corrective Measures
February 16, 2023	00:10	Particulate	257.6 mg/m^3	Drilling bedrock adjacent to downwind station	Contractor sprayed water to wet the area and dry surface
February 22, 2023	00:36	Particulate	4237.1 mg/m^3	Drilling bedrock adjacent to downwind station	Contractor paused work, sprayed water to wet the area
March 28, 2023	00:09	Particulate	238.0 mg/m^3	Concrete hammering adjacent to downwind station	Contractor paused work, sprayed water to wet the working area
March 30, 2023	00:22	Particulate	464.6 mg/m^3	Concrete drilling	Contractor sprayed water to wet the area and dry surface

4.2.7 Reporting

Field staff under the supervision of the RE documented the remedial action, including on-site personnel, a summary of work completed, CAMP results, and the anticipated schedule of upcoming work. This data was used to track remediation progress, compliance with the RAWP, and summarize completed remedial actions to prepare daily and monthly BCP reports for submission to the NYSDEC. Daily and monthly reports are included in Appendix B. Photographic documentation of the remedial action is included in Appendix E.

4.3 Contaminated Materials Removal

All soil/fill within the BCP site was excavated and removed down to bedrock, to about 24 feet below grade and up to about 30 feet below grade for deep elevator pits. Bedrock was also removed as needed to achieve the required development depth for foundation construction. The excavation extents and depths are shown on Figure 3.

4.3.1 Waste Characterization Sampling

Langan completed a preliminary waste characterization investigation between March 12 and March 13, 2015, to classify soil that was to be removed during site-wide excavation and to support facility approval for off-site disposal. Waste characterization sampling methods and laboratory analyses were performed in accordance with typical requirements of disposal facilities that typically accept soil/fill from New York City sites. Samples for VOC analysis were collected

using laboratory-supplied Terra Core sampler kits. Grab soil samples were collected from discrete locations and analyzed for the following parameters:

- NYSDEC Part 375 / Target Compound List (TCL) VOCs by United States Environmental Protection Agency (EPA) Method 8260C.
- Total petroleum hydrocarbon (TPH) gasoline range organics (GRO) and total extractable petroleum hydrocarbons (EPH) by EPA Method 8015C.
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs by EPA method 1311.

Composite samples were collected by combining soil from five discrete locations/intervals and were analyzed for the following parameters:

- NYSDEC Part 375 / TCL semivolatile organic compounds (SVOCs) by EPA method 8270D
- NYSDEC Part 375 / TAL metals by EPA Methods 6010C/7471B
- NYSDEC Part 375 / TCL pesticides by EPA Method 8081B
- NYSDEC Part 375 herbicides via EPA Method 8151A
- NYSDEC Part 375 / TCL polychlorinated biphenyls (PCBs) by EPA Method 8082A
- Total cyanide by EPA Method 9010C/9014
- TCLP SVOCs, pesticides, herbicides, and metals by EPA Method 1311
- Resource Conservation Recovery Act (RCRA) hazardous waste characteristics, including pH, ignitability, cyanide, and sulfide reactivity.

Supplemental waste characterization sampling was completed by East Coast Geoservices (subcontracted by the Remediation Contractor) on February 17, 2023 to further characterize subsurface conditions and satisfy the selected disposal facility acceptance requirements. For the sampling, 57 soil samples were collected at 1-foot intervals from eight soil borings advanced to about 20 feet bgs in grids WC01B, WC03B, and WC07B. The soil samples were submitted for laboratory analysis for volatile organic compounds (VOCs) to assist the disposal facility's acceptance of the soil/fill.

Soil/fill on the western half of the site contained SVOCs, metals and pesticides at concentrations exceeding the Part 360 general fill criteria, but consistent with concentrations typically found in New York City non-native fill. Soil/fill in the eastern half of the site contained similar non-native fill contaminants and an about 2,750-square-foot area from about 11 to 21 feet bgs classified as listed hazardous and characteristic hazardous waste for PCE and TCE. Based on a NYSDEC

Contained-In Determination, 1,550 tons of soil/fill generated from this area was to be managed as a listed hazardous waste.

4.3.2 Quantities Removed

The following table summarizes the soil/fill types, designated disposal facility, and quantities removed during the remedial action.

Type of Soil/Fill	Disposal Facility Name	Facility Location	No. of Loads	Quantity Removed (tons)	Quantity Removed (Approx. Cubic Yards)
F002 listed hazardous soil/fill	Englobe Corp	8365 Avenue Broadway Nord, Montreal, Canada	58	2,171.22	2,030
Non-hazardous soil/fill	Bayshore Soil Management, LLC	75 Crows Mill Road, Keasbey, New Jersey	225	7,062.58	4,500
	Waste Management Fairless Landfill	1000 New Ford Mill Road, Morrisville, Pennsylvania	192	4,448.79	3,840
	Conestoga Landfill	420 Quarry Road, Morgantown, Pennsylvania	23	527.59	460
		Total	**498**	**14,188.24**	**10,830**

On December 19, 2022, the contractor transported two loads (about 8,000 gallons) of industrial rinse fluids to ClearFlo Technologies in 1110 Rte. 109, N. Lindenhurst, New York.

Each regulated soil/fill waste stream was transported for off-site disposal using NYCRR Part 364-permitted transporters in accordance with federal, state, and local regulations. All regulated waste removed for disposal was tracked using a manifesting system. The waste types, total quantities, transport date, disposal facility destination, and manifest numbers for each load removed from the site during the remedial action are presented in Table 2.

Copies of the Part 364 waste transporter permits, disposal facility acceptance letter, and disposal manifests are included in Appendix F. Waste disposal transporters, corresponding manifest numbers, and quantities are provided in Appendix G.

4.4 Post-Remediation Off-Site Groundwater Sampling

All soil/fill within the site was removed down to bedrock and transported off site for disposal and the continuous secant pile wall, which is socketed about 9 feet into bedrock along the eastern boundary, provides a watertight and structurally reinforced concrete barrier to off-site soil/fill/groundwater. Therefore, confirmation base or sidewall soil sampling was not required to

achieve the Track 1 Unrestricted Use cleanup. In accordance with the RAWP, off-site monitoring wells were installed to document off-site groundwater conditions after the on-site remediation and confirm bulk reduction in groundwater concentrations to demonstrate completion of the Track 1 remedy.

Two off-site monitoring well pairs (PMW-01S/D and PMW-02S/D) were installed in the adjoining Southern Boulevard sidewalk between July 13 and 29, 2023 under Langan oversight. Each well pair consisted of a shallow well (screened in the overburden) and a deep well (socketed into bedrock). The bedrock wells are open hole wells down to 50 to 51 feet bgs with steel casing installed 4 to 5 feet into bedrock followed by 15 feet of open bedrock. Groundwater samples were collected on October 17, 2023 and submitted to York Analytical Laboratories, a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP No. 10854) in Stratford, Connecticut, for analysis of TCL and Part 375 list VOCs. The post remediation off-site groundwater well locations and analytical sample results are shown on Figure 4. Well construction and sampling logs are provided in Appendix H.

4.4.1 Groundwater Sample Analytical Results

Groundwater sample analytical results were compared to NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA water. Post remediation off-site groundwater sample results are summarized in Table 3. The laboratory analytical report is included in Appendix I.

The laboratory analytical results identified CVOCs at concentrations above the SGVs, but at concentrations substantially less than pre-remediation conditions. Average PCE and TCE concentrations in overburden and bedrock groundwater decreased by about 3 to 4 orders of magnitude. When compared to pre-remediation conditions, the October 2023 performance sampling indicated an increase in average concentrations of cis-1,2-dichloroethene and vinyl chloride (PCE daughter products), which demonstrates that CVOCs are undergoing natural attenuation via reductive dichlorination. The ratio of cis-1,2-dichloroethene concentrations to vinyl chloride also shows that reductive dichlorination is not stalling at cis-1,2-dichloroethene. The lack of accumulation of vinyl chloride shows that complete mineralization of PCE to carbon dioxide and water is occurring. Now that the on-site source has been completely removed through the implementation of the Track 1 remedy, off-site groundwater concentrations that already demonstrate bulk reduction will continue to decline over time.

The following bullets summarize pre- and post-remediation groundwater monitoring relative to the Track 1 remediation requirement to achieve bulk reduction in groundwater contaminants of concern. Bulk reduction for contaminants of concern in groundwater is evidenced by the following:

- During the RI, PCE was detected at MW-8 at 51,000 µg/L and total CVOCs were detected at 128,000 µg/L. PCE was detected at PMW-01S at 1.63 µg/L, a 99.99+% reduction, and total CVOCs were detected at 318 µg/L, a 99.8% reduction.

- During the RI, PCE was detected at MW-1 at 7,800 µg/L and total CVOCs were detected at 20,000 µg/L. PCE was undetected at PMW-02S, a 100% reduction, and total CVOCs were detected at 1,400 µg/L, a 93% reduction.

- Post-dewatering incidental water data?

Compared to pre-remediation on-site concentrations, the recent groundwater sample data indicates a successful bulk reduction in groundwater CVOCs.

4.4.2 Data Validation

Laboratory analyses were conducted in accordance with EPA SW-846 methods and NYSDEC Analytical Services Protocol (ASP) Category B deliverable format. QA/QC procedures required by the NYSDEC ASP and SW-846 methods were followed, including instrument calibration, standard compound spikes, surrogate compound spikes, and analysis of quality control samples. The laboratory provided sample bottles, which were pre-cleaned and preserved. Where there were differences in the SW-846 and NYSDEC ASP requirements, the NYSDEC ASP took precedence.

A Data Usability Summary Reports (DUSR) was prepared for the laboratory report associated with the post-remediation off-site groundwater samples and is included as Appendix J. Based on the DUSR, all data are considered usable, as qualified. Completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

4.4.3 Remaining Post-Remediation Quarterly Monitoring Events

In accordance with DEC, as part of the Track 1 remedy, Langan will conduct additional quarterly monitoring events to demonstrate continued decline in groundwater concentrations and confirmation of bulk reduction of CVOC's. The quarterly sampling events are scheduled for the weeks of May 27, 2024, August 5, 2024, and November 4, 2024.

4.5 Imported Backfill

NYSDEC-approved backfill was imported and placed within the site as aggregate layer and as a temporary truck pad and temporary surface stabilizer. Proposed backfill was submitted to the NYSDEC for approval prior to import to the site. Between January 17 and February 15, 2023, about 939 tons (740 cubic yards) of ASTM #57 - ¾ inch virgin stone was imported from Tilcon Mount Hope Quarry in Wharton, New York. All temporary stone was subsequently removed with soil excavation down to bedrock.

Imported material is summarized in Table 4. Imported material documentation is provided in Appendix K.

4.6 Contamination Remaining at the Site

A Track 1 Unrestricted Use cleanup will be achieved for the on-site remediation. All soil within the site was removed down to bedrock and transported off site for disposal. Bedrock was also excavated and removed to accommodate construction of the cellar. All on-site groundwater above bedrock was also removed to facilitate remediation and construction of the building foundation. As part of construction, a concrete mud mat was placed on top of the bedrock surface across the site, before installing the 30-inch-thick mat foundation, gravel layer, and 6-inch concrete topping slab; a waterproofing membrane also completely wraps the new foundation. Because of the targeted Track 1 Unrestricted Use remedy, the site will not require engineering or institutional controls, an environmental easement, or a Site Management Plan (SMP).

4.7 Engineering Controls

A Track 1 Unrestricted Use cleanup will be achieved; therefore, no engineering controls will be required to protect human health and the environment.

4.8 Institutional Controls

A Track 1 Unrestricted Use cleanup will be achieved; therefore, no institutional controls will be required.

4.9 Deviations from the RAWP

There were no significant deviations from the RAWP or subsequent NYSDEC-approved documents.

Confirmation endpoint samples were not collected as all on-site soil was removed from the site and groundwater was completely removed from within the site down to the excavated bedrock depth. This change was communicated by email to the NYSDEC on April 3, 2023 and documented in monthly progress reports submitted to the NYSDEC.

TABLES

Table 1
Final Engineering Report
Track 1 Soil Cleanup Objectives
Unrestricted Use
1095 Southern Boulevard
Bronx, New York
BCP Site No.: C203055
Langan Project No.: 170199904

VOCs (mg/kg)	
1,1,1-Trichloroethane	0.68
1,1-Dichloroethane	0.27
1,1-Dichloroethylene	0.33
1,2,4-Trimethylbenzene	3.6
1,2-Dichlorobenzene	1.1
1,2-Dichloroethane	0.02
1,3,5-Trimethylbenzene	8.4
1,3-Dichlorobenzene	2.4
1,4-Dichlorobenzene	1.8
1,4-Dioxane	0.1
Acetone	0.05
Benzene	0.06
Carbon tetrachloride	0.76
Chlorobenzene	1.1
Chloroform	0.37
Cis-1,2-Dichloroethene	0.25
Ethyl Benzene	1
Hexachlorobenzene	0.33
Methyl Ethyl Ketone (2-Butanone)	0.12
Methyl tert-butyl ether (MTBE)	0.93
Methylene chloride	0.05
n-Butylbenzene	12
n-Propylbenzene	3.9
sec-Butylbenzene	11
tert-Butylbenzene	5.9
Tetrachloroethene	1.3
Toluene	0.7
1,2-Dichloroethene	0.19
Trichloroethene	0.47
Vinyl Chloride	0.02
Xylenes, Total	0.26

Metals (mg/kg)	
Arsenic	13
Barium	350
Beryllium	7.2
Cadmium	2.5
Chromium, hexavalent	1
Copper	50
Cyanide	27
Lead	63
Manganese	1,600
Mercury	0.18
Nickel	30
Selenium	3.9
Silver	2
Zinc	109

SVOCs (mg/kg)	
Acenaphthene	20
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	0.8
Chrysene	1
Dibenzo(a,h)anthracene	0.33
Fluoranthene	100
Fluorene	30
Indeno(1,2,3-cd)pyrene	0.5
m-Cresol	0.33
Naphthalene	12
o-Cresol	0.33
p-Cresol	0.33
Pentachlorophenol	0.8
Phenanthrene	100
Phenol	0.33
Pyrene	100

PCBs/Pesticides (mg/kg)	
2,4,5-TP Acid (Silvex)	3.8
4,4'-DDE	0.0033
4,4'-DDT	0.0033
4,4'-DDD	0.0033
Aldrin	0.005
alpha-BHC	0.02
beta-BHC	0.036
Chlordane (alpha)	0.094
delta-BHC	0.04
Dibenzofuran	7
Dieldrin	0.005
Endosulfan I	2.4
Endosulfan II	2.4
Endosulfan sulfate	2.4
Endrin	0.014
Heptachlor	0.042
Lindane	0.1
Polychlorinated biphenyls	0.1

Notes:

1. The above criteria are the Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use - (UU) Soil Cleanup Objectives (SCOs) and the Protection of Groundwater (PGW) SCOs (i.e the Track 1 SCOs)

2. VOC: volatile organic compound
3. SVOC: semivolatile organic compound
4. PCBs: polychlorinated biphenyls
5. mg/kg: milligram per kilogram

Table 2
Final Engineering Report
Waste Disposal Summary

1095 Southern Boulevard
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

Material Type	Loads	Estimated Volume (cubic yards)	Quantity (tons)
Non-hazardous	440	6,315	12,039
Hazardous	58	1,465	2,171
Grand Total	**498**	**7,780**	**14,210**

Load No.	Date	Truck No.	License Plate No.	Trucking Company	Material Type	Disposal Facility	Manifest/Ticket No.	Confirmed Weight (tons)
1	6/15/2022	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	133095	23.45
2	6/15/2022	60	AW838F	Mendez	Non-hazardous	Bayshore Environmental Management	133096	24.44
3	6/15/2022	24	AW612B	Mendez	Non-hazardous	Bayshore Environmental Management	133097	25.75
4	6/15/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	133098	28.27
5	6/15/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133099	28.56
6	6/15/2022	99	AW594H	Mendez	Non-hazardous	Bayshore Environmental Management	133100	30.63
7	6/16/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133101	29.00
8	6/16/2022	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	133102	28.21
9	6/16/2022	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	133103	28.73
10	6/16/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133104	26.67
11	6/16/2022	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	133105	28.54
12	6/16/2022	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	133106	27.70
13	6/16/2022	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	133107	29.29
14	6/16/2022	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	133108	27.80
15	6/16/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133109	29.18
16	6/16/2022	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	133110	28.38
17	6/16/2022	59	AX792T	Mendez	Non-hazardous	Bayshore Environmental Management	133111	29.02
18	6/16/2022	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	133112	27.44
19	6/16/2022	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	133113	28.42
20	6/16/2022	22	AW611B	Mendez	Non-hazardous	Bayshore Environmental Management	133114	28.23
21	6/16/2022	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	133115	29.91
22	6/16/2022	500	AS531D	Mendez	Non-hazardous	Bayshore Environmental Management	133116	30.77
23	6/16/2022	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	133117	30.27
24	6/16/2022	300	AS530D	Mendez	Non-hazardous	Bayshore Environmental Management	133118	29.96
25	6/17/2022	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	133119	31.04
26	6/17/2022	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	133120	30.05
27	6/17/2022	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	133121	28.92
28	6/17/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133122	28.15
29	6/17/2022	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	133123	30.45
30	6/17/2022	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	133124	29.54
31	6/17/2022	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	133125	28.63
32	6/17/2022	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	133126	27.73
33	6/17/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133127	28.41
34	6/17/2022	70	AW582M	Mendez	Non-hazardous	Bayshore Environmental Management	133128	27.86
35	6/17/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435892	24.52
36	6/17/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435872	24.76
37	6/17/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435873	21.45
38	6/17/2022	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435874	22.83
39	6/17/2022	60	AW838F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435875	21.89
40	6/17/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435876	22.25
41	6/17/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435877	24.27
42	6/17/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435878	27.44
43	6/17/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435879	25.25
44	6/17/2022	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	133129	29.78
45	6/20/2022	40	AW526V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435881	21.91
46	6/20/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435882	19.27
47	6/20/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435883	24.62
48	6/20/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435884	23.92
49	6/20/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435885	24.73
50	6/20/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435886	23.48
51	6/20/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435887	24.51
52	6/20/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435888	22.32
53	6/20/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435889	25.80
54	6/20/2022	90	AW834L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435890	22.47
55	6/20/2022	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	133130	29.54
56	6/20/2022	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	133131	28.90
57	6/20/2022	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	133132	27.64
58	6/20/2022	500	AS531D	Mendez	Non-hazardous	Bayshore Environmental Management	133133	27.99
59	6/20/2022	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	133134	27.81
60	6/20/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133135	27.29
61	6/20/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	133136	28.28
62	6/20/2022	18	AW653G	Mendez	Non-hazardous	Bayshore Environmental Management	133137	28.70
63	6/20/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	133138	33.22
64	6/20/2022	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	133139	28.72
65	6/21/2022	70	AW582M	Mendez	Non-hazardous	Bayshore Environmental Management	133140	30.15
66	6/21/2022	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	133141	30.37
67	6/21/2022	18	Aw653G	Mendez	Non-hazardous	Bayshore Environmental Management	133142	28.56
68	6/21/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	133143	31.18
69	6/21/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	133144	31.59
70	6/21/2022	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	133145	30.29
71	6/21/2022	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435891	21.53
72	6/21/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435800	23.66
73	6/21/2022	40	AW526V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435801	17.99
74	6/21/2022		AW834L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435802	21.10
75	6/21/2022	21	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435803	22.10
76	6/21/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435804	22.64
77	6/21/2022	30	AW525V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435805	22.82
78	6/21/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435806	23.19
79	6/21/2022	28	AU550Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435807	20.02
80	6/21/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435808	22.83
81	6/21/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435809	24.45
82	6/21/2022	200	AS535M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435810	23.60
83	6/21/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435811	27.25
84	6/21/2022	60	Aw838F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435812	24.51
85	6/22/2022	99	AW594H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435813	25.90
86	6/22/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435814	26.26
87	6/22/2022	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435815	24.97
88	6/22/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435816	22.25
89	6/22/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435817	24.69
90	6/22/2022	90	AW834L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435818	24.83
91	6/22/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435819	23.77
92	6/22/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435820	25.02
93	6/22/2022	40	AW526V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435821	20.91
94	6/22/2022	70	AW562M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435822	24.08
95	6/23/2022	99	AW594H	Mendez	Non-hazardous	Bayshore Environmental Management	133146	33.93
96	6/23/2022	18	AW653G	Mendez	Non-hazardous	Bayshore Environmental Management	133147	30.42
97	6/23/2022	70	AW562M	Mendez	Non-hazardous	Bayshore Environmental Management	133148	32.99

Table 2
Final Engineering Report
Waste Disposal Summary

1095 Southern Boulevard
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

Load No.	Date	Truck No.	License Plate No.	Trucking Company	Material Type	Disposal Facility	Manifest/Ticket No.	Confirmed Weight (tons)
98	6/23/2022	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	133149	32.58
99	6/23/2022	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	133150	31.21
100	6/23/2022	500	AS531D	Mendez	Non-hazardous	Bayshore Environmental Management	133151	33.31
101	6/23/2022	99	AW594H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435823	24.56
102	6/23/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435824	23.47
103	6/23/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435825	24.84
104	6/23/2022	70	AW562M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435826	23.04
105	6/23/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435827	27.30
106	6/23/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435828	22.62
107	6/24/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435829	21.94
108	6/24/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435830	22.51
109	6/24/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435831	22.45
110	6/24/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435832	22.29
111	6/24/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435833	25.29
112	6/24/2022	300	AS530D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435834	23.84
113	6/28/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435835	20.77
114	6/28/2022	3	AQ652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435836	19.77
115	6/28/2022	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435837	21.07
116	6/28/2022	500	AS521D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435838	23.24
117	6/28/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435839	21.89
118	6/28/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435840	20.80
119	6/28/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435841	21.41
120	6/28/2022	40	AW526V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435842	20.92
121	6/28/2022	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435843	21.14
122	6/28/2022	28	AU550Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435844	23.11
123	6/29/2022	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	133152	29.21
124	6/29/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133153	31.01
125	6/29/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133154	28.97
126	6/29/2022	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	133192	31.32
127	6/29/2022	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	133193	30.02
128	6/29/2022	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	133194	31.92
129	6/29/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133157	27.44
130	6/29/2022	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	133158	29.60
131	7/6/2022	1	AX7962U	Seni Transport	Non-hazardous	Bayshore Environmental Management	133159	35.43
132	7/6/2022	1	AW911Z	A&M Logistic	Non-hazardous	Bayshore Environmental Management	133160	29.87
133	7/6/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	133161	32.73
134	7/6/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	133162	30.81
135	7/22/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133163	28.58
136	7/22/2022	28	AU550Z	Mendez	Non-hazardous	Bayshore Environmental Management	133164	29.53
137	7/22/2022	21	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435845	22.53
138	7/22/2022	28	AU550Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435846	27.39
139	7/22/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435847	21.46
140	7/28/2022	70	AW582M	Mendez	Non-hazardous	Bayshore Environmental Management	1331165	29.25
141	7/28/2022	500	AS531D	Mendez	Non-hazardous	Bayshore Environmental Management	1331166	29.49
142	7/28/2022	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	1331167	27.73
143	7/28/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	1331168	28.53
144	7/28/2022	60	AW838F	Mendez	Non-hazardous	Bayshore Environmental Management	1331169	25.65
145	7/28/2022	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	1331170	28.25
146	7/28/2022	18	AW653G	Mendez	Non-hazardous	Bayshore Environmental Management	1331171	28.53
147	7/28/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	1331172	32.56
148	8/16/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435869	19.61
149	8/16/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435870	21.50
150	8/16/2022	60	AW838F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435871	22.89
151	8/16/2022	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435867	20.50
152	8/16/2022	68	AX956X	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435868	24.01
153	9/16/2022	40	AN526V	Mendez	Non-hazardous	Bayshore Environmental Management	133176	27.61
154	10/3/2022	22	AW611B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435848	25.21
155	10/3/2022	21	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435849	27.16
156	10/3/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435850	19.67
157	10/3/2022	59	AX792T	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435851	29.85
158	10/3/2022	58	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435852	28.80
159	10/3/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435853	23.54
160	10/3/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435854	22.72
161	10/3/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435855	21.63
162	10/3/2022	36	AW837F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435856	18.39
163	10/3/2022	90	AW834L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435857	17.11
164	10/3/2022	64	AW957X	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435858	21.68
165	10/3/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435859	21.75
166	10/3/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435860	25.20
167	10/3/2022	900	AS354M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435861	21.10
168	10/3/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435862	22.58
169	10/3/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435863	25.70
170	10/3/2022	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435864	18.50
171	10/3/2022	300	AS530D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435865	18.52
172	10/3/2022	40	AW526V	Mendez	Non-hazardous	Waste Management Fairless Landfill	11435866	18.52
173	10/4/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989477	27.20
174	10/4/2022	59	AX792T	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989478	27.66
175	10/4/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989479	24.26
176	10/4/2022	58	AU937Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989480	26.76
177	10/4/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989481	24.20
178	10/4/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989482	19.84
179	10/4/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989483	23.56
180	10/4/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989484	22.15
181	10/4/2022	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989485	21.32
182	10/4/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989486	19.21
183	10/4/2022	28	AN869W	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989487	20.23
184	10/4/2022	63	AX956X	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989488	17.92
185	10/4/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989489	20.63
186	10/4/2022	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989490	22.22
187	10/4/2022	60	AW838F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989491	21.02
188	10/4/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989492	20.91
189	10/6/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989494	27.22
190	10/6/2022	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989495	20.72
191	10/6/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989496	22.01
192	10/6/2022	28	AU550Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989497	21.65
193	10/6/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989498	26.83
194	10/6/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989499	23.16
195	10/6/2022	300	AS530D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989500	21.37
196	10/6/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989501	24.12
197	10/7/2022	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989502	23.19
198	10/7/2022	64	AX957X	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989503	25.83
199	10/7/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989504	21.38
200	10/7/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989505	20.95
201	10/7/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989506	24.03
202	10/12/2022	300	AS530D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989507	20.37

Table 2
Final Engineering Report
Waste Disposal Summary

1095 Southern Boulevard
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

Load No.	Date	Truck No.	License Plate No.	Trucking Company	Material Type	Disposal Facility	Manifest/Ticket No.	Confirmed Weight (tons)
203	10/12/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989508	19.80
204	10/13/2022	18-13	ME271417C	Goulet	Hazardous	Englobe Corp	024169022	28.56
205	10/13/2022	21-10	ME2649428	Goulet	Hazardous	Englobe Corp	024169026	20.98
206	10/13/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989509	20.58
207	10/13/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989510	25.48
208	10/13/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989511	24.20
209	10/17/2022	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989512	19.42
210	10/17/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989513	24.29
211	10/17/2022	59	AX792T	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989514	23.43
212	10/18/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989515	21.63
213	10/18/2022	36	AW837F	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989517	19.24
214	10/19/2022		2648428	Goulet	Hazardous	Englobe Corp	24169024	29.91
215	10/19/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989516	22.47
216	10/19/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989541	22.05
217	10/19/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989542	21.09
218	10/19/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989543	16.30
219	10/19/2022	58	AU937Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989544	16.02
220	10/19/2022	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989545	21.78
221	10/19/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989547	18.72
222	10/19/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989550	18.15
223	10/25/2022	T161	272738F	Goulet	Hazardous	Englobe Corp	24169035	35.80
224	10/25/2022	T137	2572609	Goulet	Hazardous	Englobe Corp	24169034	35.47
225	11/1/2022	T142	2649428	Goulet	Hazardous	Englobe Corp	24169025	34.80
226	11/1/2022	T161	272738F	Goulet	Hazardous	Englobe Corp	24169036	35.74
227	11/3/2022	T-150	2918405	Goulet	Hazardous	Englobe Corp	24169037	36.09
228	11/7/2022	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989548	15.53
229	11/7/2022	28	AN869W	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989549	19.11
230	11/8/2022	T-142	2649428	Goulet	Hazardous	Englobe Corp	24169038	33.32
231	11/8/2022	T-154	2829967	Goulet	Hazardous	Englobe Corp	24169039	31.53
232	11/29/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989518	27.14
233	11/29/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989519	21.86
234	11/29/2022	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989520	23.58
235	11/29/2022	99	AW549H	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989521	21.43
236	11/29/2022	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989522	23.63
237	12/6/2022	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989523	21.01
238	12/6/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989524	22.74
239	12/13/2022	21	AU577Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989531	28.16
240	12/13/2022	83	AU551Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989530	23.33
241	12/13/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989529	21.35
242	12/13/2022	59	AX729T	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989551	28.90
243	12/13/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989525	27.55
244	12/13/2022	21	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989533	23.26
245	12/13/2022	84	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989532	26.43
246	12/13/2022	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989534	27.62
247	12/13/2022	58	AU937Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989526	27.68
248	12/13/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989527	25.35
249	12/13/2022	80	AW833L	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989528	28.15
250	12/13/2022	83	AU551Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989536	25.93
251	12/14/2022	21	AU877Z	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989537	23.42
252	12/14/2022	22	AW611B	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989538	24.14
253	12/14/2022	75	AW583M	Mendez	Non-hazardous	Waste Management Fairless Landfill	11989539	24.19
254	12/15/2022	17	AT517L	D&A	Non-hazardous	Bayshore Environmental Management	133175	32.01
255	12/15/2022	4	AW859D	D&A	Non-hazardous	Bayshore Environmental Management	133177	33.95
256	12/15/2022	1	AU706U	D&A	Non-hazardous	Bayshore Environmental Management	133178	25.99
257	12/15/2022	73	AY106A	D&A	Non-hazardous	Bayshore Environmental Management	133179	32.15
258	12/15/2022	17	AT517L	D&A	Non-hazardous	Bayshore Environmental Management	133180	35.36
259	12/15/2022	13	AU707U	D&A	Non-hazardous	Bayshore Environmental Management	133181	29.11
260	12/15/2022	3	AT515L	D&A	Non-hazardous	Bayshore Environmental Management	133182	29.61
261	12/16/2022	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	133183	25.95
262	12/16/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	133184	31.09
263	12/16/2022	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	133185	27.41
264	12/16/2022	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	133186	29.41
265	12/16/2022	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	133187	29.67
266	12/16/2022	22	AW611B	Mendez	Non-hazardous	Bayshore Environmental Management	133188	32.01
267	12/16/2022	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	133189	29.88
268	12/16/2022	64	AX957X	Mendez	Non-hazardous	Bayshore Environmental Management	133190	30.74
269	12/16/2022	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	133191	31.12
270	12/16/2022	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	136307	28.02
271	12/16/2022	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	136308	27.81
272	12/16/2022	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136306	28.66
273	12/16/2022	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	136305	32.81
274	12/16/2022	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	136304	29.65
275	12/16/2022	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	136303	30.31
276	12/16/2022	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136302	29.35
277	12/19/2022	58	AU932Z	Mendez	Non-hazardous	Bayshore Environmental Management	136312	30.74
278	12/19/2022	22	AW611B	Mendez	Non-hazardous	Bayshore Environmental Management	136311	32.54
279	12/19/2022	59	AX792T	Mendez	Non-hazardous	Bayshore Environmental Management	136310	31..45
280	12/19/2022	64	AX957X	Mendez	Non-hazardous	Bayshore Environmental Management	136309	29.28
281	12/19/2022	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	136313	28.78
282	12/19/2022	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	136314	29.10
283	12/28/2022	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	136315	29.12
284	12/28/2022	28	AU550Z	Mendez	Non-hazardous	Bayshore Environmental Management	136316	30.15
285	12/28/2022	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	136317	31.05
286	12/29/2022	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	136318	28.64
287	1/4/2023	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	136319	34.99
288	1/4/2023	60	AW838F	Mendez	Non-hazardous	Bayshore Environmental Management	136320	27.70
289	1/4/2023	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	136321	33.42
290	1/4/2023	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	136322	30.41
291	1/4/2023	60	AW838F	Mendez	Non-hazardous	Bayshore Environmental Management	136323	28.08
292	1/4/2023	22	AW611B	Mendez	Non-hazardous	Bayshore Environmental Management	136324	28.93
293	1/5/2023	60	AW838F	Mendez	Non-hazardous	Bayshore Environmental Management	136325	25.81
294	1/5/2023	70	AW582M	Mendez	Non-hazardous	Bayshore Environmental Management	136326	25.94
295	1/5/2023	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	136327	26.85
296	1/5/2023	4	AS531D	Mendez	Non-hazardous	Bayshore Environmental Management	136328	29.10
297	1/5/2023	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261159	19.53
298	1/5/2023	60	AW838F	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261160	23.17
299	1/5/2023	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261161	22.76
300	1/5/2023	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261162	25.52
301	1/5/2023	3	AW652G	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261163	24.37
302	1/5/2023	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261164	24.14
303	1/5/2023	500	AS531D	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261165	23.33
304	1/5/2023	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261166	24.89
305	1/5/2023	22	AW611B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261167	22.73
306	1/5/2023	24	AW612B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261168	20.90
307	1/6/2023	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261169	20.37

Table 2
Final Engineering Report
Waste Disposal Summary

1095 Southern Boulevard
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

Load No.	Date	Truck No.	License Plate No.	Trucking Company	Material Type	Disposal Facility	Manifest/Ticket No.	Confirmed Weight (tons)
308	1/6/2023	59	AX792T	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261170	26.09
309	1/6/2023	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261171	27.02
310	1/6/2023	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261172	27.33
311	1/6/2023	30	AW525V	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261173	28.32
312	1/6/2023	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261174	24.67
313	1/6/2023	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261175	30.41
314	1/6/2023	300	AS530D	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261176	21.30
315	1/6/2023	84	AW654G	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261177	25.90
316	1/6/2023	600	AS521B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261178	25.67
317	1/6/2023	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261179	27.10
318	1/6/2023	59	AX792T	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261180	25.05
319	1/6/2023	30	AW525V	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261181	24.75
320	1/6/2023	700	AS520B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261182	26.12
321	1/6/2023	400	AS757P	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261183	28.00
322	1/6/2023	800	AT558B	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261184	18.20
323	1/9/2023	2329	1AD89Z	Goulet	Hazardous	Englobe Corp	24169027	36.78
324	1/9/2023	21-21	77366	Goulet	Hazardous	Englobe Corp	24169028	34.15
325	1/10/2023	2331	2572617	Goulet	Hazardous	Englobe Corp	24169029	40.76
326	1/10/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136329	32.60
327	1/10/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	136330	31.71
328	1/10/2023	18-5	29265	Goulet	Hazardous	Englobe Corp	24169030	38.80
329	1/10/2023	21-23	85751	Goulet	Hazardous	Englobe Corp	24169031	43.25
330	1/10/2023	28	AU550Z	Mendez	Non-hazardous	Bayshore Environmental Management	136331	31.04
331	1/11/2023	2327	5117159	Goulet	Hazardous	Englobe Corp	24169033	39.32
332	1/11/2023	2323	5117158	Goulet	Hazardous	Englobe Corp	24169032	36.77
333	1/11/2023	2329	1AD89Z	Goulet	Hazardous	Englobe Corp	24169067	36.54
334	1/11/2023	2121	77366	Goulet	Hazardous	Englobe Corp	24169060	33.62
335	1/13/2023	18	AW653G	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261185	26.45
336	1/13/2023	70	AW582M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261186	25.21
337	1/13/2023	200	AS353M	Mendez	Non-hazardous	Waste Management Fairless Landfill	12261187	27.58
338	1/17/2023	2331	2572617	Goulet	Hazardous	Englobe Corp	24169061	39.36
339	1/17/2023	2123	2649429	Goulet	Hazardous	Englobe Corp	24169062	43.81
340	1/17/2023	1814	2649431	Goulet	Hazardous	Englobe Corp	24169063	43.70
341	1/17/2023	2323	5117158	Goulet	Hazardous	Englobe Corp	24169064	35.22
342	1/19/2023	2331	2572617	Goulet	Hazardous	Englobe Corp	24169065	45.77
343	1/19/2023	2012	2572609	Goulet	Hazardous	Englobe Corp	24169066	30.69
344	1/19/2023	185	2826521	Goulet	Hazardous	Englobe Corp	24169090	36.28
345	1/19/2023	2325	2572616	Goulet	Hazardous	Englobe Corp	24169091	34.50
346	1/19/2023	2123	2649429	Goulet	Hazardous	Englobe Corp	24169092	46.83
347	1/23/2023	2331	2572617	Goulet	Hazardous	Englobe Corp	24169101	38.85
348	1/23/2023	2012	2572609	Goulet	Hazardous	Englobe Corp	24169100	38.08
349	1/23/2023	2329	5148107	Goulet	Hazardous	Englobe Corp	24169099	41.38
350	1/23/2023	2121	272739F	Goulet	Hazardous	Englobe Corp	24169098	26.65
351	1/23/2023	2123	2572616	Goulet	Hazardous	Englobe Corp	24169097	48.22
352	1/24/2023	2012	2572609	Goulet	Hazardous	Englobe Corp	24169093	30.99
353	1/24/2023	2329	5148107	Goulet	Hazardous	Englobe Corp	24169094	35.49
354	1/24/2023	2123	2572616	Goulet	Hazardous	Englobe Corp	24169095	46.45
355	1/26/2023	2121	272739F	Goulet	Hazardous	Englobe Corp	24169096	37.27
356	1/27/2023	185	2826521	Goulet	Hazardous	Englobe Corp	24169076	45.69
357	1/27/2023	800	AT558B	Mendez	Non-hazardous	Conestoga	2530480	19.49
358	1/27/2023	300	AS530D	Mendez	Non-hazardous	Conestoga	2530479	19.03
359	1/27/2023	30	AW525V	Mendez	Non-hazardous	Conestoga	2530478	25.18
360	1/27/2023	22	AW611B	Mendez	Non-hazardous	Conestoga	2530477	26.85
361	1/27/2023	74		Mendez	Non-hazardous	Conestoga	2530476	23.09
362	1/27/2023	99	AW549H	Mendez	Non-hazardous	Conestoga	2530474	25.58
363	1/27/2023	80	AW853L	Mendez	Non-hazardous	Conestoga	2530475	28.65
364	1/27/2023	84	AW654G	Mendez	Non-hazardous	Conestoga	2530473	22.52
365	1/27/2023	24	AW612B	Mendez	Non-hazardous	Conestoga	2530472	22.96
366	1/27/2023	63	AX956X	Mendez	Non-hazardous	Conestoga	2530471	25.57
367	1/27/2023	500	AS531D	Mendez	Non-hazardous	Conestoga	2530470	23.03
368	1/27/2023	3	AW652G	Mendez	Non-hazardous	Conestoga	2530469	23.88
369	1/27/2023	60	AW838F	Mendez	Non-hazardous	Conestoga	2530468	22.85
370	1/27/2023	36	AW837F	Mendez	Non-hazardous	Conestoga	2530466	20.68
371	1/27/2023	68		Mendez	Non-hazardous	Conestoga	2530465	22.58
372	1/27/2023	21	AV8772	Mendez	Non-hazardous	Conestoga	2530467	20.24
373	1/30/2023	2012	97644	Goulet	Hazardous	Englobe Corp	24169075	40.95
374	1/30/2023	2121	272739F	Goulet	Hazardous	Englobe Corp	24169074	36.18
375	1/31/2023	183	59265	Goulet	Hazardous	Englobe Corp	24169073	36.08
376	1/31/2023	2120	2626520	Goulet	Hazardous	Englobe Corp	24169072	41.46
377	1/31/2023	2019	91138	Goulet	Hazardous	Englobe Corp	24169071	40.07
378	1/31/2023	2122	5117157	Goulet	Hazardous	Englobe Corp	24169102	30.43
379	1/31/2023	2323	IAC27T	Goulet	Hazardous	Englobe Corp	24169103	30.31
380	2/6/2023	2331	IAA58W	Goulet	Hazardous	Englobe Corp	24169109	43.53
381	2/6/2023	1512	95978	Goulet	Hazardous	Englobe Corp	24169108	35.58
382	2/7/2023	1814	84355	Goulet	Hazardous	Englobe Corp	24169069	50.89
383	2/8/2023	2331	AA58W	Goulet	Hazardous	Englobe Corp	24169070	42.80
384	2/9/2023	2010	79410	Goulet	Hazardous	Englobe Corp	24169104	48.34
385	2/9/2023	2329	IAD89Z	Goulet	Hazardous	Englobe Corp	24169105	38.33
386	2/9/2023	1814	84355	Goulet	Hazardous	Englobe Corp	24169106	44.53
387	2/9/2023	2019	91138	Goulet	Hazardous	Englobe Corp	24169107	37.57
388	2/13/2023	2010	79410	Goulet	Hazardous	Englobe Corp	24169127	33.50
389	2/13/2023	2121	77366	Goulet	Hazardous	Englobe Corp	24169126	28.81
390	2/13/2023	2329	IAD89Z	Goulet	Hazardous	Englobe Corp	24169125	39.08
391	2/14/2023	1813	84354	Goulet	Hazardous	Englobe Corp	24169124	30.88
392	2/15/2023	2019	91138	Goulet	Hazardous	Englobe Corp	24169123	34.48
393	3/1/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136333	32.51
394	3/1/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136334	37.26
395	3/1/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136335	35.43
396	3/1/2023	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	136336	34.01
397	3/1/2023	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	136337	36.68
398	3/1/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136338	36.41
399	3/1/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136339	37.34
400	3/1/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136340	29.42
401	3/1/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136341	32.79
402	3/1/2023	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	136342	33.00
403	3/1/2023	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	136343	35.78
404	3/1/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136344	30.55
405	3/1/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136345	35.66
406	3/1/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136346	32.53
407	3/1/2023	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	136347	36.13
408	3/1/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136348	33.36
409	3/1/2023	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	136349	36.63
410	3/1/2023	80	AW833L	Mendez	Non-hazardous	Bayshore Environmental Management	136350	31.81
411	3/2/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	136351	34.45
412	3/2/2023	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	136352	34.89

Table 2
Final Engineering Report
Waste Disposal Summary

1095 Southern Boulevard
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

Load No.	Date	Truck No.	License Plate No.	Trucking Company	Material Type	Disposal Facility	Manifest/Ticket No.	Confirmed Weight (tons)
413	3/2/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136353	31.91
414	3/2/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136354	33.56
415	3/2/2023	300	AS530D	Mendez	Non-hazardous	Bayshore Environmental Management	136355	35.23
416	3/2/2023	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	136356	35.41
417	3/2/2023	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	136548	33.49
418	3/2/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136549	33.65
419	3/2/2023	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136550	33.91
420	3/2/2023	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	136551	31.55
421	3/2/2023	300	AS530D	Mendez	Non-hazardous	Bayshore Environmental Management	136552	31.26
422	3/2/2023	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	136553	32.87
423	3/2/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136554	32.32
424	3/2/2023	700	AS520B	Mendez	Non-hazardous	Bayshore Environmental Management	136555	32.23
425	3/2/2023	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136556	30.40
426	3/2/2023	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	136557	33.68
427	3/2/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136558	33.80
428	3/2/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136559	35.19
429	3/2/2023	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136560	32.18
430	3/2/2023	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	136561	34.61
431	3/3/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136562	34.15
432	3/3/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136563	33.02
433	3/3/2023	21	AU8772	Mendez	Non-hazardous	Bayshore Environmental Management	136564	32.55
434	3/3/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	136565	32.61
435	3/3/2023	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	136566	33.44
436	3/3/2023	59	AX792T	Mendez	Non-hazardous	Bayshore Environmental Management	136567	35.16
437	3/3/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136568	37.27
438	3/3/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	136569	35.35
439	3/3/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136570	35.28
440	3/3/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136571	35.40
441	3/3/2023	63	AX956X	Mendez	Non-hazardous	Bayshore Environmental Management	136572	30.52
442	3/3/2023	64	AX957X	Mendez	Non-hazardous	Bayshore Environmental Management	136573	33.32
443	3/3/2023	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	136574	34.33
444	3/3/2023	75	AW583M	Mendez	Non-hazardous	Bayshore Environmental Management	136575	36.88
445	3/6/2023			Mendez	Non-hazardous	Conestoga	2530421	22.82
446	3/7/2023	21	AU8772	Mendez	Non-hazardous	Conestoga	2530438	18.90
447	3/7/2023	90	AW834L	Mendez	Non-hazardous	Conestoga	2530440	24.74
448	3/7/2023	59	AX792T	Mendez	Non-hazardous	Bayshore Environmental Management	136576	35.93
449	3/7/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136577	33.62
450	3/7/2023	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	136578	33.77
451	3/8/2023	53	AU551Z	Mendez	Non-hazardous	Conestoga	2530436	22.43
452	3/8/2023	84	AW654G	Mendez	Non-hazardous	Conestoga	2530437	18.81
453	3/8/2023	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	136582	33.75
454	3/8/2023	21	AU8772	Mendez	Non-hazardous	Bayshore Environmental Management	136583	31.02
455	3/8/2023	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	136584	36.05
456	3/8/2023	59	AX792T	Mendez	Non-hazardous	Bayshore Environmental Management	136585	33.89
457	3/8/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136586	35.11
458	3/10/2023	400	AS757P	Mendez	Non-hazardous	Bayshore Environmental Management	136587	34.36
459	3/10/2023	58	AU937Z	Mendez	Non-hazardous	Bayshore Environmental Management	136588	34.56
460	3/10/2023	3	AW652G	Mendez	Non-hazardous	Bayshore Environmental Management	136589	38.63
461	3/15/2023	90	AW834L	Mendez	Non-hazardous	Bayshore Environmental Management	136603	37.45
462	3/15/2023	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	136604	38.14
463	3/15/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	136605	35.43
464	3/15/2023	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	136606	35.02
465	3/15/2023	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	136607	34.68
466	3/15/2023	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	136608	31.49
467	3/15/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	136609	32.60
468	3/15/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136610	35.62
469	3/15/2023	30	AW525V	Mendez	Non-hazardous	Bayshore Environmental Management	136611	33.10
470	3/15/2023	83	AU551Z	Mendez	Non-hazardous	Bayshore Environmental Management	136612	34.02
471	3/15/2023	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	136613	38.15
472	3/15/2023	800	AT558B	Mendez	Non-hazardous	Bayshore Environmental Management	136614	34.62
473	3/15/2023	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	136579	33.99
474	3/15/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	136580	33.05
475	3/15/2023	84	AW654G	Mendez	Non-hazardous	Bayshore Environmental Management	136581	35.91
476	3/16/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	136615	34.58
477	3/16/2023	58	AU937Z	Mendez	Non-hazardous	Conestoga	2530422	24.46
478	3/16/2023	64	AX957X	Mendez	Non-hazardous	Conestoga	2530423	23.25
479	3/29/2023	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	1336616	34.55
480	3/29/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	1336617	30.66
481	3/29/2023	36	AW837F	Mendez	Non-hazardous	Bayshore Environmental Management	1336618	31.59
482	3/29/2023	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	1336619	31.18
483	3/29/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	1336620	33.72
484	3/29/2023	64	AX957X	Mendez	Non-hazardous	Bayshore Environmental Management	1336621	31.33
485	3/29/2023	30	AU525V	Mendez	Non-hazardous	Bayshore Environmental Management	1336622	29.96
486	3/29/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	1336623	33.60
487	3/29/2023	600	AS521B	Mendez	Non-hazardous	Bayshore Environmental Management	1336624	35.55
488	3/29/2023	21	AU877Z	Mendez	Non-hazardous	Bayshore Environmental Management	1336625	33.28
489	3/29/2023	900	AS354M	Mendez	Non-hazardous	Bayshore Environmental Management	1336626	35.89
490	3/29/2023	36	AW537F	Mendez	Non-hazardous	Bayshore Environmental Management	1336627	36.01
491	3/30/2023	300	AS530J	Mendez	Non-hazardous	Bayshore Environmental Management	136637	41.39
492	3/30/2023	40	AW526V	Mendez	Non-hazardous	Bayshore Environmental Management	136631	31.41
493	3/30/2023	28	AU550Z	Mendez	Non-hazardous	Bayshore Environmental Management	136630	29.20
494	3/30/2023	1	AW911Z	A&M Logistics	Non-hazardous	Bayshore Environmental Management	136629	30.56
495	3/30/2023	8	AT835D	CF & Bros	Non-hazardous	Bayshore Environmental Management	136628	32.43
496	3/31/2023	99	AW549H	Mendez	Non-hazardous	Bayshore Environmental Management	136602	35.38
497	3/31/2023	200	AS353M	Mendez	Non-hazardous	Bayshore Environmental Management	136638	35.74
498	3/31/2023	28	AU550Z	Mendez	Non-hazardous	Bayshore Environmental Management	136639	31.50

Table 3
Final Engineering Report
Post-Remediation Off-Site Groundwater Sample Results

1095 Southern Blvd
Bronx, New York
NYSDEC BCP Site No.: C203055
Langan Project No.: 170199904

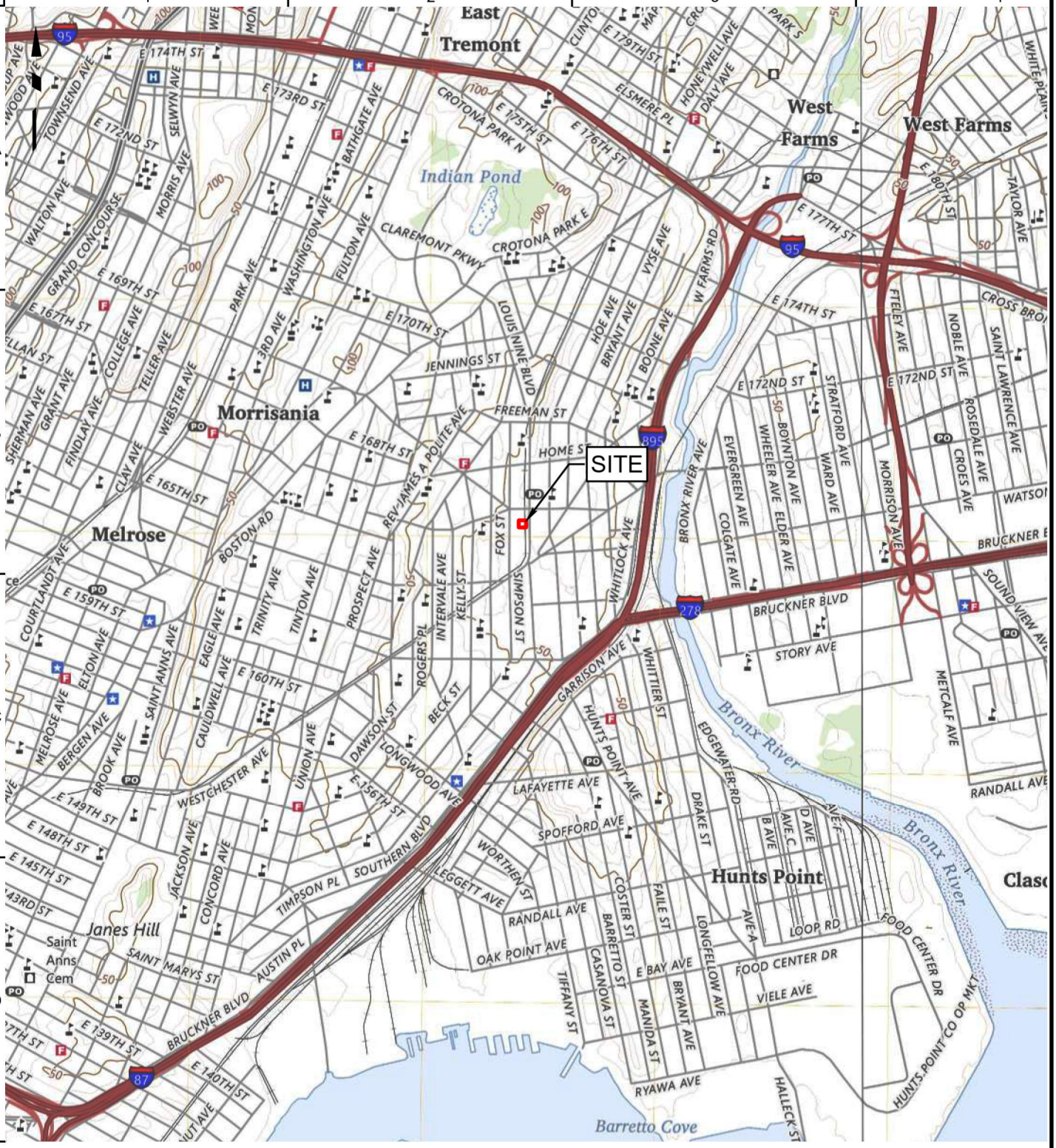
Analyte	CAS Number	NYSDEC SGVs	Location	PMW01_D	PMW01_S	PMW02_D	PMW02_S	PMW02_S
			Sample Name	PMW01_D_101723	PMW01_S_101723	PMW02_D_101723	PMW02_S_101723	GWDUP01_101723
			Sample Date	10/17/2023	10/17/2023	10/17/2023	10/17/2023	10/17/2023
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	**5**	ug/l	1.9	**5.05**	<0.5 U	1.61	2.55
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethene	156-60-5	**5**	ug/l	**7.92**	**36.4**	<0.5 U	**5.73**	**9.51**
1,2-Dichloropropane	78-87-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<80 U	<80 U	<80 U	<80 U	<80 U
2-Hexanone (MBK)	591-78-6	50	ug/l	0.69	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	67-64-1	50	ug/l	<6.46 U	<2 U	<2.16 U	<3.68 U	<3.51 U
Acrolein	107-02-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	1	ug/l	<0.5 U	0.58	<0.5 U	<0.5 U	<0.5 U
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Bromomethane	74-83-9	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.45 J
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<0.5 U	<0.5 U	0.53	0.67
Chloromethane	74-87-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	**705 D**	**2,420 D**	2.07	**1,310 D**	**1,450 D**
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Ethylbenzene	100-41-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
M,P-Xylene	179601-23-1	5	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	2.8	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	5	ug/l	<2.01 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
n-Propylbenzene	103-65-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Styrene	100-42-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	**18.3**	1.63	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	1330-20-7	5	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichloroethene (TCE)	79-01-6	**5**	ug/l	**47.7**	**8.23**	<0.5 U	0.66	0.98
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Chloride	75-01-4	**2**	ug/l	**61.2**	**110**	<0.5 U	**84.7**	**131**
Total BTEX	BTEX	NS	ug/l	ND	0.58	ND	ND	ND
Total CVOCs	TOTALCVOCS	NS	ug/l	842.02	2581.31	2.07	1402.7	1594.04
Total VOCs	TOTALVOCS	NS	ug/l	845.51	2581.89	2.07	1403.23	1595.16

Table 4
Final Engineering Report
Imported Material Summary

1095 Southern Boulevard
Bronx, New York
Langan Project No.: 170199904
BCP Site No.: C203055

Load No.	Date	Material Type	Ticket No.	Source Facility	Approximate Quantity (CY)	Ticket Weight (Tons)
1	1/17/2023	0.75-inch Stone	41859558	Tilcon - Mount Hope	20	24.11
2	1/17/2023	0.75-inch Stone	41859553	Tilcon - Mount Hope	20	23.42
3	1/17/2023	0.75-inch Stone	41859565	Tilcon - Mount Hope	20	24.53
4	1/17/2023	0.75-inch Stone	41859541	Tilcon - Mount Hope	20	24.62
5	1/19/2023	0.75-inch Stone	41860290	Tilcon - Mount Hope	20	25.17
6	1/19/2023	0.75-inch Stone	41860293	Tilcon - Mount Hope	20	25.24
7	1/19/2023	0.75-inch Stone	41860294	Tilcon - Mount Hope	20	24.98
8	1/20/2023	0.75-inch Stone	41860459	Tilcon - Mount Hope	20	23.94
9	1/20/2023	0.75-inch Stone	41860466	Tilcon - Mount Hope	20	24.62
10	1/23/2023	0.75-inch Stone	41860804	Tilcon - Mount Hope	20	25.47
11	1/23/2023	0.75-inch Stone	41860850	Tilcon - Mount Hope	20	24.31
12	1/23/2023	0.75-inch Stone	41860952	Tilcon - Mount Hope	20	23.80
13	1/23/2023	0.75-inch Stone	41860953	Tilcon - Mount Hope	20	24.21
14	1/24/2023	0.75-inch Stone	41860998	Tilcon - Mount Hope	20	25.84
15	1/24/2023	0.75-inch Stone	41860991	Tilcon - Mount Hope	20	25.35
16	1/26/2023	0.75-inch Stone	41861617	Tilcon - Mount Hope	20	25.46
17	1/26/2023	0.75-inch Stone	41861559	Tilcon - Mount Hope	20	24.91
18	1/26/2023	0.75-inch Stone	41861560	Tilcon - Mount Hope	20	24.73
19	1/31/2023	0.75-inch Stone	41863315	Tilcon - Mount Hope	20	25.12
20	1/31/2023	0.75-inch Stone	41863328	Tilcon - Mount Hope	20	24.30
21	2/1/2023	0.75-inch Stone	41863548	Tilcon - Mount Hope	20	24.65
22	2/1/2023	0.75-inch Stone	41863672	Tilcon - Mount Hope	20	24.98
23	2/1/2023	0.75-inch Stone	41863656	Tilcon - Mount Hope	20	24.96
24	2/3/2023	0.75-inch Stone	41864563	Tilcon - Mount Hope	20	24.21
26	2/8/2023	0.75-inch Stone	41866449	Tilcon - Mount Hope	20	25.01
27	2/8/2023	0.75-inch Stone	41866461	Tilcon - Mount Hope	20	24.55
28	2/8/2023	0.75-inch Stone	41866442	Tilcon - Mount Hope	20	25.04
28	2/9/2023	0.75-inch Stone	41866233	Tilcon - Mount Hope	20	24.06
29	2/9/2023	0.75-inch Stone	41866273	Tilcon - Mount Hope	20	24.67
30	2/10/2023	0.75-inch Stone	41867040	Tilcon - Mount Hope	20	24.67
31	2/10/2023	0.75-inch Stone	41867042	Tilcon - Mount Hope	20	25.57
32	2/10/2023	0.75-inch Stone	41867071	Tilcon - Mount Hope	20	25.21
33	2/13/2023	0.75-inch Stone	41867923	Tilcon - Mount Hope	20	25.16
34	2/13/2023	0.75-inch Stone	41867948	Tilcon - Mount Hope	20	24.68
35	2/13/2023	0.75-inch Stone	41867950	Tilcon - Mount Hope	20	24.65
36	2/15/2023	0.75-inch Stone	41868858	Tilcon - Mount Hope	20	22.38
37	2/15/2023	0.75-inch Stone	41868898	Tilcon - Mount Hope	20	25.74
38	2/15/2023	0.75-inch Stone	41868901	Tilcon - Mount Hope	20	24.90
				TOTALS	**760**	**939.22**

FIGURES



Legend

Site Boundary

2,000 0 2,000

SCALE IN FEET

Notes:

1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Central Park, New York, Quadrangle.

LANGAN

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Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC

Collectively known as Langan

Project	1095 SOUTHERN BOULEVARD BLOCK No. 2727, LOT No. 41 BRONX NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170199904
Date	5/10/2024
Scale	1"=2,000'
Drawn By	GS
Submission Date	
Figure No.	1
	Sheet 1 of 1

Path: \\langan.com\data\NYC\data9\170199901\ArcGIS\APRX\170199901\170199901.aprx Date: 5/10/2024 User: Gsajbel Time: 2:08 PM

LEGEND:

APPROXIMATE BCP SITE BOUNDARY

NOTES:

1. PRE-CONSTRUCTION BASE MAP IS TAKEN FROM NEARMAP AERIAL IMAGERY, DATED FEBRUARY 27, 2022.
2. NOTED SCALES ARE APPROXIMATE.

20 0 5 10 20

SCALE: 1 INCH = 20 FEET

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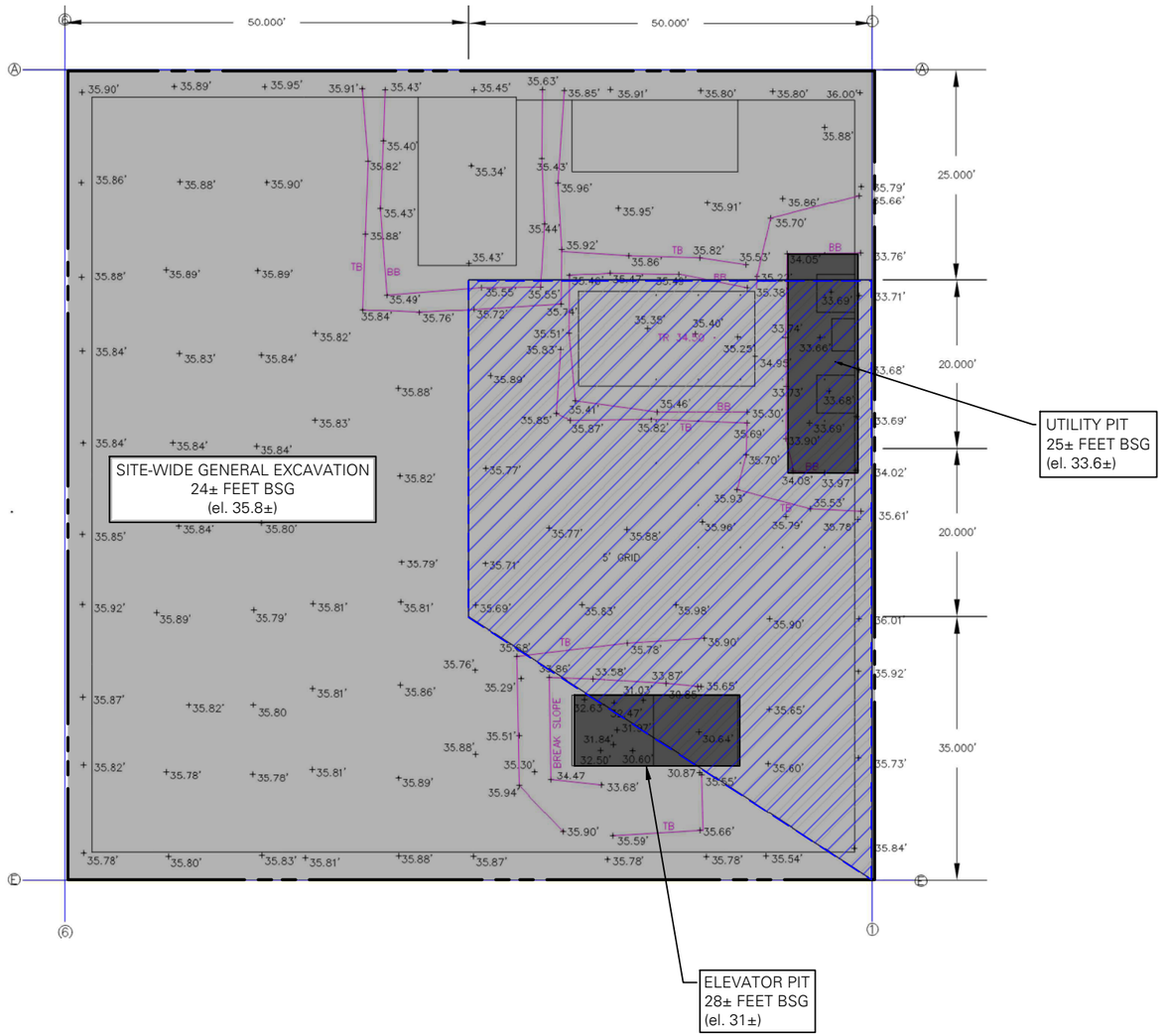
Project
1095 SOUTHERN BOULVARD
BLOCK No. 2727, LOT No. 41
BRONX NEW YORK

Figure Title
SITE PLAN

Project No.	170199904
Date	5/1/2024
Drawn By	RL
Checked By	AT

Figure 2

Sheet 2 of 4



KEY SITE LAYOUT: not to scale

LEGEND:

- APPROXIMATE BCP SITE BOUNDARY
- SITE-WIDE GENERAL EXCAVATION TO BEDROCK: 24± FEET BSG (el. 35.8±)
- UTILITY PIT EXCAVATIONS: DEPTHS AND ELEVATIONS NOTED ON FIGURE
- F002 LISTED HAZARDOUS WASTE EXCAVATION: 10 TO 20± FEET BSG

NOTES:

1. BASE MAP IS TAKEN FROM FINAL EXCAVATION AS-BUILT, PREPARED BY DARCON CONSTRUCTION INC., DATED 5/1/2024.
2. APPROXIMATE SIDEWALK ELEVATION IS 59±.
3. ELEVATIONS ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. EXTENTS AND DEPTHS OF EXCAVATIONS ARE BASED ON SITE OBSERVATIONS, DEVELOPMENT PLANS AND ARE APPROXIMATE.
5. ADDITIONAL SPOT EXCAVATIONS WERE PERFORMED AS NEEDED TO REMOVE ALL REMAINING SOIL IN LOCALIZED ARES.

20 0 5 10 20
SCALE: 1 INCH = 20 FEET

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Project
1095 SOUTHERN BOULEVARD
BLOCK No. 2727, LOT No. 41
BRONX NEW YORK

Figure Title
TRACK 1 EXCAVATION MAP

Project No.	170199904
Date	5/1/2024
Drawn By	RL
Checked By	AT

Figure 3
Sheet 3 of 4

Filename: \\langan.com\data\NYC\data9\170199901\Cadd Data - 170199901\2D-DesignFiles\Environmental\FER Figures\Figures 11x17.dwg Date: 5/10/2024 Time: 12:31 User: rolo Style Table: Langan.stb Layout: Figure 3 - Track 1 Excavation Map

Location	PMW01_D
Sample Name	PMW01_D_101723
Sample Date	10/17/2023
VOCs	
1,1-Dichloroethene	1.9
Cis-1,2-Dichloroethene	**705 D**
Tetrachloroethene (PCE)	**18.3**
1,2-Dichloroethene	**7.92**
Trichloroethene (TCE)	**47.7**
Vinyl Chloride	**61.2**

Location	PMW01_S
Sample Name	PMW01_S_101723
Sample Date	10/17/2023
VOCs	
1,1-Dichloroethene	**5.05**
Cis-1,2-Dichloroethene	**2,420 D**
Tetrachloroethene (PCE)	1.63
1,2-Dichloroethene	**36.4**
Trichloroethene (TCE)	**8.23**
Vinyl Chloride	**110**

Location	PMW02_S	PMW02_S
Sample Name	PMW02_S_101723	GWDUP01_101723
Sample Date	10/17/2023	10/17/2023
VOCs		
1,1-Dichloroethene	1.61	2.55
Cis-1,2-Dichloroethene	**1,310 D**	**1,450 D**
Tetrachloroethene (PCE)	<0.5 U	<0.5 U
1,2-Dichloroethene	**5.73**	**9.51**
Trichloroethene (TCE)	0.66	0.98
Vinyl Chloride	**84.7**	**131**

Location	PMW02_D
Sample Name	PMW02_D_101723
Sample Date	10/17/2023
VOCs	
1,1-Dichloroethene	<0.5 U
Cis-1,2-Dichloroethene	2.07
Tetrachloroethene (PCE)	<0.5 U
1,2-Dichloroethene	<0.5 U
Trichloroethene (TCE)	<0.5 U
Vinyl Chloride	<0.5 U

KEY SITE LAYOUT: not to scale

LEGEND:

APPROXIMATE BCP SITE BOUNDARY

PMW-01D — OFF-SITE POST-REMEDIATION MONITORING WELL

WELL ID# — D = DEEP (BEDROCK SOCKET), S = SHALLOW (OVERBURDEN)

NOTES:

1. CONSTRUCTION PROGRESS BASE MAP IS TAKEN FROM NEARMAP AERIAL IMAGERY, DATED MATCH 3, 2024.
2. ALL LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE TITLE 6 NEW YORK CODES, RULES, AND REGULATIONS (6 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 AND PUBLISHED ADDENDA ("NYSDEC SGVs").
4. CONCENTRATIONS ARE SHOWN IN MICROGRAMS PER LITER (µg/L).
5. < - NOT DETECTED ABOVE REPORTING LIMIT SHOWN.

QUALIFIERS

J - THE ANALYE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.

U - THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE REPORTING LIMIT.

Analyte	NYSDEC SGVs
VOCs	
1,1-Dichloroethene	5
Cis-1,2-Dichloroethene	5
Tetrachloroethene (PCE)	5
1,2-Dichloroethene	5
Trichloroethene (TCE)	5
Vinyl Chloride	2

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

20 0 5 10 20

SCALE: 1 INCH = 20 FEET

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Project: **1095 SOUTHERN BOULEVARD**
BLOCK No. 2727, LOT No. 41
BRONX NEW YORK

Figure Title: **OFF-SITE GROUNDWATER SAMPLE LOCATION AND RESULTS MAP**

Project No. 170199904
Date 5/1/2024
Drawn By RL
Checked By AT

Figure **4**
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