Ebenezer Plaza 1

KINGS COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: C224240

Prepared for:

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456 E. 173rd Street

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New York State Department of Environmental Conservation –

Division of Environmental Remediation

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JANUARY 2019

CERTIFICATIONS

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

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan 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 use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

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

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Joseph M. Lanaro, of The Chazen

Companies at 21 Fox Street, Poughkeepsie, New York 12601, am certifying as Owner's Designated Site Representative for the site and I have been authorized and designated by all site owners to sign this certification for the site.

070126

NYS Professional Engineer #

12/9/19

Date

Signature

TABLE OF CONTENTS

CERTIFICATIONS II

TABLE OF CONTENTS.....IV

LIST OF ACRONYMS.....VIII

1.0 BACKGROUND AND SITE DESCRIPTION 1

2.0 SUMMARY OF SITE REMEDY.....3

2.1 REMEDIAL ACTION OBJECTIVES.....3

2.1.1 Soil RAOs 3

2.1.2 Groundwater RAOs 3

2.1.3 Soil Vapor RAOs.....4

2.2 DESCRIPTION OF SELECTED REMEDY.....4

3.0 SITE HISTORY.....9

3.1 INVESTIGATION AND REMEDIATION HISTORY.....9

3.1.1 2004 – Various UST Closures, Don Carlo Environmental Services 9

3.1.2 2009-2010: Tank Closure/Limited Phase II at 650 Powell Street, Eastern10

3.1.3 2009: Phase I ESA, The Chazen Companies 10

3.1.4 2009: Limited Phase II ESA, Chazen 12

3.1.5 2012: Remedial Investigation, Chazen 12

3.1.6 2013-16: Remedial Action/Monitoring –Spill 09-06674; Chazen 13

3.1.7 May 2017: Supplemental Remedial Investigtion, Chazen.....14

3.1.8 December 2017: Supplemental Site Investigation, Chazen.....14

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED.....16

4.1 GOVERNING DOCUMENTS 16

4.1.1 Site Specific Health & Safety Plan (HASP) 16

4.1.2 Community Air Monitoring Plan (CAMP).....16

4.1.3 Quality Assurance Project Plan (QAPP) 17

4.1.4 Field Sampling Plan (FSP).....18

4.1.3 Site Management Plan (SMP) 18
4.2 REMEDIAL PROGRAM ELEMENTS 19
4.2.1 Contractors and Consultants 19
4.2.2 Site Preparation 21
4.2.3 General Site Controls 21
4.2.4 Nuisance controls 22
4.2.5 CAMP Results 23
4.2.6 Reporting 24
4.3 CONTAMINATED MATERIALS REMOVAL 24
4.3.1 Soils Removal 28
4.3.2 Underground Storage Tank Removals 30
4.3.3 Construction and Demolition Debris Removal 31
4.3.4 ISCO Infusion Program (September 2018 and May 2019) 32
4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING 34
4.5 IMPORTED BACKFILL 39
4.6 CONTAMINATION REMAINING AT THE SITE 40
4.6.1 Soil 40
4.6.2 Groundwater 43
4.6.3 Soil Vapor 43
4.7 SOIL COVER SYSTEM 44
4.8 OTHER ENGINEERING CONTROLS (ECS) 45
4.8.1 Sub-Slab Depressurization System and Vapor Barrier 45
4.8.2 Petrofix Barrier 47
4.9 INSTITUTIONAL CONTROLS (IC) 48
4.10 DEVIATIONS FROM THE RAWP 49

LIST OF TABLES

Table 1 Soil Cleanup Objectives (SCOs) for the Project

Table 2 Waste Disposal Summary

Table 3 2018 Waste Characterization Analytical Results

Table 4 Soil Excavation Performance/Documentation Sampling Results

Table 5 Final Media Sample Summary

LIST OF FIGURES

Figure 1: Site Location Map

Figure 2: Site Orthophoto

Figure 2a: Property Boundary (Preconstruction) Survey

Figure 3: Tax Map

Figure 3a: Pre-Construction Block Survey

Figure 4: Remedial Action Excavation Areas

Figure 4b: UST location Map

Figure 5: Stratigraphic Transect Location Map

Figure 5a: SW-NE Stratigraphic Cross Section

Figure 5b: NW-SE Stratigraphic Cross Sections

Figure 6: Post Urban Fill Excavation Confirmation Soil Sample Locations

Figure 7: Backfill Placement Locations

Figure 8: Remaining Soil Contamination

Figure 8a: NW-SE Cross-Section

Figure 8b: N-S Cross-Section

Figure 9: Groundwater Sample Locations and Contour Map

Figure 10: Site Wide Cover System Plan (location of different cover types)

LIST OF APPENDICES

Appendix A Environmental Easement

Appendix B Digital Copy of the FER (CD)

Appendix C Historical Site Environmental Reports

Appendix D1 March 2018 RAWP

Appendix D2 April 2018 DD

Appendix D3 June 2018 Amended RAWP

Appendix D4 September 2018 ESD

Appendix E Site Management Plan

Appendix F Daily Field Reports (*electronic)*

Appendix G Digital Project Photo Log (CD)

Appendix H Site Material Disposal Documentation

Appendix I Supplemental Work Plans

Appendix J Laboratory Analytical Reports and Data Usability Summary Reports

Appendix K Imported Materials Documentation

Appendix L UST Closure Documents

Appendix M Monitoring Well Installation and Sampling Report

Appendix N SSDS System Design.

LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
C&D	Construction and Demolition
COC	Constituent of Concern
DD	Decision Document
DER	Division of Environmental Remediation
DFR	Daily Field Report
DUSR	Data Usability Summary Reports
ESD	Explanation of Significant Differences
EIMS	Environmental Information Management System
EP	Ebenezer Plaza
ESA	Environmental Site Assessment
FER	Final Engineering Report
FSP	Field Sampling Plan
GRO	Gasoline Range Organics
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
ISCO	In Situ Chemical Oxidation
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per kilogram dry weight (solid)
NJDEP	New Jersey Department of Environmental Protection
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PBS	Petroleum Bulk Storage
PCE	Tetrachloroethylene
PFC	Perfluorinated Compound
PGWSCO	Protection of Groundwater Soil Cleanup Objective

PPM	Parts Per Million
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource and Conservation Recovery Act
RI	Remedial Investigation
RRSCO	Restricted Residential Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SSDS	Sub-Slab Depressurization System
SSI	Supplemental Site Investigation
SVOC	Semi Volatile Organic Compound
µg/L	Micrograms Per Liter (liquid)
µg/M³	Micrograms Per Cubic Meter (gaseous)
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VBS	Vapor Barrier System
VOC	Volatile Organic Compound

1.0 BACKGROUND AND SITE DESCRIPTION

Ebenezer Plaza Owner, LLC (EP) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in July 2016, to investigate and remediate a 1.26-acre property located at 672 Powell Street in the Brownsville neighborhood of the Borough of Brooklyn, New York (BCP Site #C224240) (hereinafter referred to as the "Site"; see **Figure 1 -** Site Location Map and **Figure 2** – Site Orthophoto). The property was remediated to restricted residential use standards and will be used for new construction of a new multi-story affordable housing complex with street-level retail spaces and one-story church/community center.

The Site is located in the County of Kings, New York and is identified as Block 3862 and Lot 1 on the Borough of Brooklyn Tax Map, see **Figure 3 –** Tax Map. A site survey for consolidated tax parcel 3862 Lot 1 is included as **Figure 3a**. Prior to their consolidation into a single tax parcel in 2016, the Site consisted of five contiguous tax lots, identified as Block 3862, Lots 1, 23, 24, 25 and 26. The following table includes former tax lot information associated with the Site prior to 2016.

Former Block/Lot	***Former Street Addresses***
Block 3862, Lot 1	106 and 108 New Lots Avenue
	110 and 114 New Lots Avenue
	650, 652, and 654 Powell Street
	799A, 799B, and 801 – 813 (odd numbers) Sackman Street
	271-281 Hegeman Avenue
Block 3862, Lot 23	656 Powell Street
Block 3862, Lot 24	660 Powell Street
Block 3862, Lot 25	662 Powell Street
Block 3862, Lot 26	666 Powell Street

The Site is a 55,067.75 ft² (1.264-acre) parcel bounded by New Lots Avenue to the north, Hegeman Avenue to the south, Powell Street to the east, and Sackman Street to the

west. It is in a dense urban area with diverse uses including multiple commercial sites, a community garden, residences, surface railway and railyard, a community center, recreation park and fields, a nursing home, commercial warehouses and west of Sackman Street is the Ebenezer Plaza 2 (BCP Site #C224241). A full metes and bounds description of the Site is provided on the Preconsturction Site Survey as Figure 2a and in the Environmental Easement included as **Appendix A.**

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as **Appendix B**.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation (RI), the following Remedial Action Objectives (RAOs) were identified for this urban brownfield eligible site.

2.1.1 Soil RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.1.2 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Restore ground water, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.

Remove the source of ground or surface water contamination.2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the site.
- Prevent inhalation of or exposure to contaminants with the potential of volatilizing from contaminants in soil.

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated March 2018 as specified in the Remedial Action Work Plan (RAWP) dated June 12, 2018, and/or supplemental work plans. Remediation was completed under the regulatory oversight of the NYSDEC Division of Environmental Remediation, Bureau B.

The factors considered during the selection of the remedy are those listed in 6 New York Codes, Rules and Regulations (NYCRR) Part 375-1.8.

To achieve clean-up of the Site based on the March 2018 Decision Document the following work elements were included in the RAWP:

- Excavation and removal for off-site disposal of all urban fill;
- Excavation of all "grossly contaminated soil", as defined in 6 NYCRR Part 375-1.2(u) as; *"Grossly contaminated media"... which contains sources or substantial quantities of mobile contamination in the form of NAPL, as defined in subdivision 375-1.2 (ac), that is identifiable either visually, through strong odor, by elevated contaminant vapor levels or is otherwise readily detectable without laboratory analysis;*
- Excavation and removal of on-site soils (at or below the high water table) which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards; and,
- Installation of an SSDS beneath all planned structures.

A feasibility study and cost analysis for the excavation and removal of impacted soils beneath the water table was prepared and submitted to NYSDEC in April 2018. The study requested that the RAWP be modified to replace with in-situ direct chemical oxidation (ISCO).

A work plan for the ISCO treatment of soils beneath the water table was submitted to NYSDEC to implement the requested amendment in May 2018. A revised RAWP incorporating the ISCO treatment program was submitted to NYSDEC in June 2018. An Explanation of Significant Differences was subsequently issued by NYSDEC in September 2018.

A supplemental work plan was prepared and submitted in March 2019. The supplemental plan included an additional round of ISCO injections in those areas where the action goals had not been achieved by the prior injection events. A contingency was also included for the injection of Petrofix® micro-carbon slurry to treat residually impacted soils and groundwater remaining on-site after the third round of ISCO injections.

Excavation and removal of impacted soils beneath the water table that exceeded PGWSCOs was replaced by:

- Impacted soils beneath the water table that exceed PGWSCOs were be treated in place with three rounds of direct chemical oxidation resulting in a substantial reduction in both the areal extent of impacts and total contaminant mass.
- An activated micro-carbon slurry (Regenesis Petrofix®) was installed along the eastern property boundary to prevent residual groundwater impacts from migrating off-site and around pockets of residual soil impacts.
    - Petrofix® forms a self-regenerating zone of activated carbon that absorbs dissolved hydrocarbons in the groundwater and enhances biological degradation. It is intended to treat the residually impacted groundwater, substantially reducing or preventing off-site migration of residual impacts, It also effectively prevents the formation of a dissolved plume in those areas where residual soil impacts remain by absorbing dissolved hydrocarbons.

The following components of the selected remedy were implemented:

1. Excavation and removal of approximately 13,257 cubic yards (measured in place) or 17,897 tons (from weight tickets) of urban fill from the property to an average depth of 6.5 feet below grade or a minimum of two feet below the final grade elevations of planned building floor slabs. Excavated material included soils/urban fill exceeding restricted residential soil cleanup objectives (RRSCOs) listed in **Table 1** – Site SCOs;
2. Excavation and removal of 2070 tons of concrete, brick, and stone from former foundation walls and building slabs and tank vault;
3. Collection and analysis of 65 post-excavation confirmatory soil samples demonstrating the removal of the urban fill;
4. Removal and closure of one leaking underground storage tank (LUST), eight previously closed-in-place USTs, and 17 known, suspected or discovered historical underground storage tanks, and all inground infrastructure;
5. Supplemental sampling of soils beneath removed USTs to identify additional potential spills, if any;
6. Removal of approximately of 250 cubic yard (330 tons) of grossly contaminated petroleum impacted native soils located above the water table beneath the discovered LUST;
7. Removal of an additional 125 cubic yards (190 tons) of grossly contaminated petroleum impacted native soil associated with the LUSTs located at and below the water table;
8. Collection and analysis of seven post-excavation soil sample demonstrating the successful removal of the grossly impacted soils associated with the LUST;
9. Excavation and removal of 9,375 cubic yards (16,274 tons) of non-impacted native soils to 14.5 feet below grade from within the footprint of two planned sub-grade basement levels of the two residential tower buildings;
10. Reuse of approximately 4,000 cubic yards of the non-impacted native soils to restore the area between the tower buildings to construction grade for the central slab-on-grade church/community center building and courtyard;

11. In-situ chemical oxidation (ISCO) of the delineated impacted soils in conformance with the supplemental Work Plan prepared by Chazen in May 2018 and the Explanation of Significant Differences issued by NSYDEC in September 2018 by the direct injection into a 72-point infusion grid of 3,600 pounds of dissolved ferrous sulfate heptahydrate (at 1lb per gallon) and 57,750 gallons of 10.2% hydrogen peroxide was completed. An area of approximately 18,000 ft^2 containing an estimated 4,200 cubic yards of residually impacted soils located beneath the water table was treated;

12. Post-injection soil and groundwater sampling and analysis and comparison of results to pre-injection sampling.

13. Preparation, submittal, and NYSDEC approval of a Supplemental ISCO Work Plan dated March 13, 2019 to treat two pockets of soils measuring approximately 2,400 ft^2 each containing a total of approximately 550 yd^3 (770 ton) of residually impacted soils.

14. A second ISCO injection event (ISCO2) conducted in May 2019 in accordance with the NYSDEC approved Supplemental WP. The second event consisted of the injection of an additional 1,350 gallons of dissolved iron sulfate and 15,000 gallons of 15% hydrogen peroxide into 15 injection points targeting the delineated residual impacts;

15. Post-Injection soil and groundwater sampling with comparison to previous results and goals and action levels included in the WP.;

16. Injection of 2,400 pounds of Petrofix® (a slurry of activated micro-carbon) was injected along eastern property boundary to form a 90-foot long by 20-foot wide contaminant reduction/barrier zone directly across the primary potential off-site migration pathway of residually impacted groundwater.

17. Injection of 1,600 pounds of Petrofix® at four locations into 5 infusion points at each location.

18. Construction and maintenance of a Site-wide composite soil cover system consisting of clean fill and/or concrete slabs to prevent human exposure to remaining contaminated soil/fill remaining at the site;

19. Administrative controls that prevent the extraction and/or use of on-Site groundwater without treatment and approval of the NYS DOH;

20. Construction, installation, and initial testing of an active vapor mitigations system, i.e. Sub Slab Depressurization System (SSDS), beneath all new building floor slabs

21. Installation and sampling of five permanent post-remedial action groundwater monitoring wells;

22. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.

23. Development and implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

24. Periodic certification of the institutional and engineering controls listed above.

25. Residual impacts to the soils beneath the water table that exceed PGWSCOs and associated residual groundwater impacts exceeding NYS Ambient Water Quality Standards will remain on-site. Attenuation of the residual impacts will be monitored and evaluated periodically in accordance with the SMP for the Site under the control/management of the NYSDEC approved Engineering and Institutional controls.

3.0 SITE HISTORY

This section details remedial measures completed between 2004 and 2017 at the Site. Multiple environmental site assessments (ESAs), underground storage tank (UST) closures, RIs, and limited remedial actions (RAs) were conducted at the Site during this time period. The reports associated with these environmental actions are provided in **Appendix C –** Historical Site Environmental Reports. Brief chronological summaries of the completed actions are discussed below. Some items below reference former addresses that were recently consolidated into the Site's current single tax parcel identity and address.

3.1 INVESTIGATION AND REMEDIATION HISTORY

3.1.1 2004 – Various UST Closures, Don Carlo Environmental Services

This report documents the closure/removal of nine on-Site tanks from the Site in 2004 by Don Carlo Environmental Services . Additionally, this report documents the removal of three underground storage tanks (USTs) and two oil/water separators on the adjacent property (BCP Site No. C224241).

Two 550-gallon gasoline USTs were removed from 799A Sackman Avenue (Former Block 3862, Lot 1). No staining or odors were detected in the tank excavation and volatile organic compounds (VOCs) were not detected with field screening instrumentation. Five end point samples were collected from the tank excavation to confirm the lack of impacted soils. The soil samples were analyzed for VOCs via USEPA Method 8021. Toluene was detected in one of the samples at a concentration of four parts per billion (ppb). This concentration is well below the NYSDEC regulatory cleanup guidance value. No other compounds were detected in the five samples.

Six 550-gallon gasoline USTs were removed from 666 Powell Street (Former Block 3862, Lot 26). This area was identified as a former gasoline station and was most recently used as an auto dealership. No visual, olfactory, or field screening evidence of impacts were observed in the tank excavation. Five end point samples were collected from the tank excavation to confirm the lack of impacted soil. The soil samples were analyzed for VOCs via USEPA Method 8021. No VOC compounds were detected in these samples.

One 3,000-gallon fuel oil UST was removed from beneath the sidewalk at 114 New Lots Avenue (Former Block 3862, Lot 1). The tank was full of fuel oil and water when removed. No visual, olfactory, or field screening evidence of impacts were observed in the tank excavation. Five end point samples were collected from the tank excavation to confirm the lack of impacted soils. The soil samples were analyzed for VOCs via USEPA Method 8021 and semi-volatile organic compounds (SVOCs) via USEPA Method 8270. No VOC or SVOC compounds were detected in the five samples.

Based on the lack of identified releases associated with the nine removed on-site USTs, no further action was recommended.

3.1.2 2009-2010: Tank Closure/Limited Phase II at 650 Powell Street, Eastern

Eight USTs located beneath the concrete floor inside the building at 650 Powell Street were abandoned in place by Eastern between June and November 2009. Petroleum-impacted soils were discovered in September of 2009 during the abandonment work resulting in the reporting of a release and assignment of NYSDEC Spill No. 09-06674.

Approximately 267 tons of impacted soil in the vicinity of the tanks and associated piping network were reportedly excavated to 12 feet below the surface and were disposed off-Site. Structural concerns did not allow for further excavation of impacted soil. Residual petroleum impacts were present in soil and groundwater at the bottom of the excavation.

Based on the findings of this tank closure work, a limited Phase II ESA investigation was conducted between December 2009 and March 2010 to delineate impacts from Spill No. 09-06674. An additional 27.53 tons of impacted soil associated with a floor drain located near the former tanks was removed. The investigation included the advancement of thirty-four soil borings (twenty were greater than five feet in depth) and collection of soil and groundwater samples for laboratory analysis. This investigation confirmed residual VOC-impacts to groundwater beneath in the vicinity of 650 Powell Street.

3.1.3 2009: Phase I ESA, The Chazen Companies

This Phase I ESA identified the following “recognized environmental conditions”

(RECs) for the Site associated with past activities at the property:

- The current and historic uses of the Site for auto body and automotive repair, vehicle dismantling, and dry cleaning suggests that there is a likelihood for petroleum and chemical releases to the subsurface from floor drain, surface or storage vessel discharges and poor housekeeping/waste handling practices. Additionally, an open spill exists for the Site which appears to be related to the removal of the tanks formerly located on the northeastern Site area. At the time, the excavation was open and no additional information was provided. This relates to work conducted by EES in 2009 (see summary of the EES report in previous text within this report section).

- A 2004 Tank Closure report documents the removal of nine on-Site USTs and indicates that soil impacts were not discovered during the tank removals. However, because of the sandy nature of the soils and the apparent lack of groundwater quality investigations during those activities, releases could have moved through the soil to groundwater and may not have been identified during those closure activities. Additionally, historic mapping and other documents suggested the potential for other buried gasoline and fuel oil tanks on the property.

- Surrounding properties have also been historically industrial and auto-related. Tanks are shown on historic mapping in both eastern and western adjacent garage buildings, but these sites were not identified as regulated tanks sites. If these tanks are still present, there may be undocumented releases associated with them which could impact soil or groundwater quality at the subject site. Similarly, automotive waste handling practices on the adjacent sites are unknown.

Data gaps (SDGs) that were encountered during the course of the 2009 Phase I ESA included the following:

- Several auto garage spaces were inaccessible during the site visit; therefore, Chazen could not make statement as to petroleum and chemical handling practices or other conditions in these locations. Additionally, while no in-ground hydraulic lifts were

noted in the accessible garage areas, a statement could not be made as to the presence of such lifts or floor drains in inaccessible areas.

- A steel fabrication facility was located in one tenant space at the northeast end of the Site. This space was inaccessible during the 2009 site visit, so Chazen could not make a statement with regards to Site operations and petroleum or chemical handling practices or other conditions in this area. This area of the building was also historically part of the dry cleaning facility.

- The first story area of 114 New Lots Avenue (northeast corner of the Site) was inaccessible. This building was historically part of a dry cleaning facility and contained a boiler room. Additionally, access was limited to the interior location of the former dry cleaning facility that contained benzene tanks. The UST removal excavation extended the width of the building and prevented Chazen from accessing or visibly assessing the back area of the building.

Access was not provided to the storage yard (Linden Used Cars) on the east end of the Site. Three buildings were historically present in this area. Building Department records indicate that these former buildings were heated by oil boilers. It is unknown if oil at these buildings was stored in underground tanks, and if so, if tanks were removed at the time of demolition in 1984.

3.1.4 2009: Limited Phase II ESA, Chazen

The Phase II ESA included a distribution of eleven soil borings across the Site with collection of soil and groundwater samples for laboratory analysis. Sampling locations were focused on areas of concern identified by a Phase I ESA also completed by Chazen in 2009. The investigation identified VOC-impacts in groundwater extending under the 650 Powell Street building (NYSDEC Spill No. 09-06674) and subsurface soil near the eastern Site boundary.

3.1.5 2012: Remedial Investigation, Chazen

The RI was conducted to further delineate Site impacts identified by the Phase II ESAs completed by Chazen and Eastern. The RI included thirteen additional soil borings,

monitoring well installations, and the collection of soil and groundwater samples for laboratory analysis. The RI established the following conclusions:

- No evidence of VOC impacts were identified anywhere on the Site in shallow soils above the water table;
- Below the water table, VOC-impacted soils were identified at the water table interface and below in five on-Site borings; however, only two locations exhibited individual VOC concentrations exceeding the NYSDEC RRSCO;
- Groundwater sample results confirmed the presence of dissolved VOC concentrations exceeding 100 micrograms per liter (ug/L) in the area of 650 Powell Street;
- Groundwater impacts from around the 650 Powell building extended to the east along Powell Street and downgradient to Linden Boulevard (NYSDEC Spill No. 09-06674); and,
- Tetrachloroethylene (PCE) in groundwater was reported in relatively low concentrations (1.2 µg/L to 38 µg/L) in monitoring wells MW-6, MW-10, MW-13, MW-17, and MW-21. The distribution of PCE and relatively low reported concentrations indicated that there is no evidence of a significant release or an on-Site source for PCE.

3.1.6 2013-16: Remedial Action/Monitoring –Spill 09-06674; Chazen

Chazen performed a NYSDEC-approved in-situ hydrogen peroxide injection program in October 2013 to remediate petroleum impacted groundwater associated with NYSDEC Spill No. 09-06674. Four injection wells were installed to supplement the existing well network. Iron sulfate and dilute hydrogen peroxide were injected into a well network located within the delineated BTEX plume on five occasions between 2013 and 2015 with groundwater sampling performed between injection events to monitor the effects.

Analysis of the periodic sampling since October 2013 has documented a reduction of petroleum contaminants in groundwater near the source areas. However, total VOC concentrations in the mapped plume area remained above standards and rebound effects

suggest the presence of a potential source beneath the building where the former USTs were located.

3.1.7 May 2017: Supplemental Remedial Investigtion, Chazen

In response to NYSDEC letter comments pertaining to the March 2017 RAWP, Chazen completed a SRI to address identified data gaps for the Site. The investigation included advancement of eleven additional soil borings and the collection of soil samples for laboratory analysis. The SRI provided the following conclusions:

- Confirmation of the presence of elevated concentrations of SVOCs and Resource and Conservation Recovery Act (RCRA) priority pollutant metals in the on-Site soils above the water table. These compounds appeared to be associated with historic urban fill and surface storage of vehicles.
- Only one VOC was identified in the soils at a concentration that exceeded unrestricted use SCO criteria. Acetone was reported at 0.061 mg/kg in the urban fill WC-2 (0-6).
- On-Site groundwater is impacted with gasoline related compounds, PCE, and Perfluorinated Compound PFCs.

During the SSI, generated soil and groundwater data records for the Site began to include ASP Level B data deliverables for third-party validation and preparation of Data Usability Summary Reports (DUSRs).

3.1.8 December 2017: Supplemental Site Investigation, Chazen

Supplemental soil data was collected at eighteen soil boring locations to identify and delineate VOCs at concentrations greater than PGWSCOs at and/or below the water table, and confirm that metals impacts at the Site were limited to the urban fill materials. The goal was to quantify, to the extent practical, the additional volume of impacted soil that needed to be removed during remediation to achieve the RA goals for the Site. Soil vapor data was collected from twelve installed soil vapor probes to assess the potential for post-construction vapor encroachment issues and determine the need for an active sub-slab depressurization system for the new construction.

The SSI identified VOC concentrations in exceedance of PGWSCOs at or beneath the water tables in nine of the eighteen soil borings. Reported VOC compounds were typical of gasoline range organics (GROs). Additional soil removal volumes were quantified based upon soil samples analyses.

Elevated soil gas concentrations were observed in eleven of the twelve soil vapor samples collected during the supplemental RI. Although a passive Vapor Barrier System was already anticipated in the construction plans, installation of an active SSDS was included in the RAWP as an engineering control to protect the future occupants from potential exposure to infiltrating soil vapors.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site, in addition to those actions described above, were conducted between June 2018 and July 2019 in accordance with NYSDEC Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation and the NYSDEC-approved Remedial Action Work Plan (RAWP), included as **Appendix D -** June 2018 NYSDEC-approved RAWP, for the Ebenezer Plaza 1 Site and prepared by The Chazen Companies. Deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

Chazen prepared a task Specific Health and Safety Plan (HASP) for the remedial activities and invasive work performed at the Site. The HASP was included as Appendix B of the June 2018 RAWP and appended to the Construction HASP for the overall project. Health and Safety monitoring for all on-site construction and remedial activities were provided by Site Safety, LLC, an independent 3rd party contracted by the owner to oversee ALL trades. Chazen provided a qualified on-site Health and Safety Technician for task specific remedial activities.

The remedial activities were performed in general compliance with regulatory requirements, including Site and worker safety requirements mandated by Federal OSHA as specified in the HASP.

No reportable incidents or observations of non-compliance were observed.

4.1.2 Community Air Monitoring Plan (CAMP)

Site monitoring was conducted in general accordance with the NYSDOH Community Air Monitoring Plan (CAMP). A copy is included as Appendix C of the June 2018 RAWP.

The CAMP was implemented during all intrusive activities including excavation, grading, and soil/fill handling activities. The goal of the CAMP was to protect downwind

receptors from potential VOCs and air-born particulates (i.e., dust) emanating from the Site by identifying potential impacts so they could be mitigated and controlled.

The following monitoring and reporting actions were completed:

- Fixed air monitoring stations were established daily at two of the four property corners (in opposite corners based on wind direction) along the Site perimeter;
- A portable monitoring station in the possession of the HST or environmental professional was located in each active work zone(s)/area and relocated as needed;
- Continuous perimeter and work zone (s) air quality monitoring was collected each working day whenever intrusive activities involving the removal or handling of potentially impacted materials was being performed;
- With the consent of NYSDEC, continuous work zone monitoring with periodic perimeter monitoring was conducted, as needed, when clean native soils (confirmed by laboratory data) were excavated or placed;
- Monitoring for each day was recorded on the daily field reports and submitted to NYSDEC digitally on a regular (weekly) basis; and,
- Monitoring results which exceeded the action levels set by the CAMP and corrective actions were summarized in the weekly CAMP report provided to the NYSDEC.

The CAMP results and response actions are provided below in Section 4.2.5.

4.1.3 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix E of the June 2018 RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

There were no significant deviations from the field requirements of the QAPP or corrective actions implemented during the performance of the RAWP. Minor deviations/corrections were reported in the DFRs.

The analytical laboratory did not identify any significant deficiencies in the sampling or sample handling protocols. Minor deficiencies are reported in the laboratory analytical reports.

The independent 3rd Party chemist that validated the laboratory data did not identify any significant deficiencies in the laboratory protocols. Minor deficiencies are reported in the Data Usability Summary Reports attached in Appendix J.

4.1.4 Field Sampling Plan (FSP)

A Field Sampling Plan (FSP) was included as Appendix D of the June 2018 RAWP approved by the NYSDEC. The FSP detailed the frequency of environmental media screening and sampling and analysis to be performed in order to complete the RA for the Site.

Additional sampling and sample events not included in the June 2018 FSP were performed at the request of NYSDEC to provide supplemental decision making data needed to assess changing conditions discovered during the remedial action.

The additional supplemental sampling included:

- Soil sampling collected from beneath all UST discovered and removed;
- Fingerprint analysis of residual product in 4 discovered vaulted USTs;
- Post-excavation soil and groundwater sampling of hotspot removal associated with discovered leaking UST; and,
- Supplemental GW samples to evaluate effectiveness of Petrofix barrier.

Table 5 includes a list of all samples collected during the remedial action program, analyses performed, and purpose of sampling.

4.1.3 Site Management Plan (SMP)

All known or suspected grossly contaminated materials and "sources" have been removed from the site. However, after completion of the remedial action, low concentration residual contamination in the on-site soil and groundwater that exceeds one or more of the RAOs are detectable on-Site, which is hereafter referred to as "remaining contamination". Consequently, a Site Management Plan (SMP) is a required element of the remedial program for the Ebenezer Plaza 1 Property. A copy of the NYSDEC approved SMP is included as **Appendix E**.

Institutional and Engineering Controls (ICs and ECs) have been incorporated into the site remedy to control potential exposure to the remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to the NYSDEC and recorded with the Kings County Clerk, requires compliance with the SMP and all ECs and ICs placed on the Site.

This SMP was prepared to manage remaining contamination at the site until the Environmental Easement is extinguished in accordance with ECL Article 71, Title 36. The SMP has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the Environmental Easement and the grantor's successors and assigns. The SMP may only be revised with the approval of the NYSDEC.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

The following table provides a listing of contractors and consultants who performed work and their associated tasks:

Contractor	**Remedial Work Performed**
United Construction (Brooklyn, NY)	Soil excavation/ removal
Site Safety, LLC (NYC, NY)	*Health and Safety Monitoring*
Core Down Drilling *(Brewster, NY)*	Soil borings, monitoring well installations

Associated Environmental (Hauppauge, NY)	*Soil Borings* *Well Installation* *ISCO injections* *Petrofix Injections,*
Clean Earth, LLC (Carteret, NJ)	Soil disposal
Dover Environmental Sciences, Inc. *(Dover, NJ)*	*UST cleaning and disposal* ISCO Infusion support
EnviroTrac Ltd. (Yaphank, NY)	*Soil/ Groundwater Sampling,* SSDS design and testing
Corbett Industrial Services *(Slingerlands, NY)*	*CBS Pump out*
ACV Enviro *(Elizabeth, NJ)*	*L*iquid waste transportation
Impact Environmental *(Lyndhurst, NJ)*	Imported backfill material
*Chemtech (*Mountainside, NJ*)*	Analytical Services
Laboratory Data Consultants (Carlsbad, CA)	Data Validation
Tridon Chemical *(Deer Park, NY)*	*ISCO Reagent* vendor/transportation/delivery
Regenesis/Land Sciences *(San Clemente, CA)*	Petrofix ® Barrier Design/Guidance and *Product Manufacturer*

The Chazen Companies was the certifying Engineer of Record responsible for inspection of the remedial work completed at the Site.

4.2.2 Site Preparation

Prior to mobilization all previously existing above grade structures, parking lots, driveways, and walkways were demolished and removed in preparation for remedial action. A thin layer of crushed/broken brick from the demolition was placed at surface grade across the Site. The barrier limited potential exposure to the soils and suppressed dust and fugitive VOC emissions during the delay between demolition activity and commencement of the Site remediation.

Mobilization for the RA included, underground utility clearances, placement of necessary construction fencing, traffic controls, support equipment and/or structures, temporary utility installation/connections, and any or all other non-intrusive activities necessary to secure the work zone(s), required permits, and prepare the Site. Contractors then ensured excavation and other necessary equipment was free of contamination upon arrival to the Site.

NYSDEC personnel were informed of Site activities generally one week prior to start of work, and preconstruction meetings were held on-Site with NYSDEC project management for each of the RA elements. A pre-construction meeting was held with NYSDEC and all contractors prior to the start of field activities.

A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the RA.

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this RA.

4.2.3 General Site Controls

Site access was provided by unpaved entrances along Hegeman Avenue, Sackman Street and Powell Street. Site access was restricted/controlled during implementation of the RAWP with the installation of a temporary 8-foot tall wood panel security fence around the entire Site boundary. Each entrance was equipped with a locked gate for controlling

access. Additionally, temporary safety construction fencing (i.e., 3-foot tall orange plastic), traffic cones, and caution tape were placed as needed around the perimeter of work areas to distinguish work zones and limit access to exclusion zones.

Site security was provided 24 hours/ 7-day on-Site security personnel. A daily sign-in log was maintained in the on-Site Security trailer for the duration of the project recording names of personnel coming on-Sites time on-Site, nature of business on-Site, and time off-Site. All visitors, including NYSDEC officials, were requested to sign in prior to entering the Site.

The Site construction trailers/field offices were located along the Sackman Street property boundary immediately south of the access gate.

4.2.4 Nuisance controls

Waste characterization soil samples and associated laboratory analytical data collected during the May 2017 SRI and December 2017 SSI events were used to facilitate live-loading of excavated soils for transportation and off-Site disposal, eliminating the need for waste material stockpiling. Excavated non-hazardous contaminated soil/ urban fill material, pre-characterized, was loaded into dump trailers positioned adjacent to the excavation areas during loading. Transportation of the material was performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Loaded vehicles leaving the Site were appropriately lined (as necessary), securely covered, manifested, and placarded in accordance with Federal, State and local Department of Transportation (DOT) requirements. Additionally, all outbound trucks were inspected and cleaned as necessary in the work area to remove loose soil, prior to leaving the Site. Clean Earth of Carteret Landfill (CEC), the selected commercial solid waste disposal facility, provided waste manifests and disposal receipts, as described below in Section 4.3.1.

A CAMP, described in Section 4.1.2, was implemented during intrusive Site work to monitor dust and odor potentially emanating from the work area. CAMP implementation included air monitoring and periodic odor inspections during excavation, backfill and soil management activities. Air monitoring and odor inspection results were

documented and reported in accordance with the CAMP.

Periodically, dust suppression was needed based on real-time air monitoring data or the visual observation of dust leaving the Site. As such, United personnel would spray water across the excavation, surrounding areas and on-Site haul roads as necessary to mitigate airborne dust and migration. Water was obtained from public hydrants along Powell Street and Hegeman Avenue.

If CAMP monitoring data indicated that VOC concentrations downwind of intrusive Site work zones exceeded the levels in the CAMP, or odors were observed migrating off-Site, techniques used to control migration of fugitive organic vapors and/ or odors included:

- Limitations on the excavation size;
- Backfilling portions of the excavation;
- Hauling waste materials off-Site in properly covered containers; and,
- Pausing operations if wind conditions changed to adjust position of CAMP equipment on-Site.

No nusiance complaints were recorded during the project.

4.2.5 CAMP Results

Real-time community air monitoring was performed during remedial activities at the Site as described in Section 4.1.2. Air monitoring data gathered in accordance with the CAMP was provided to the NYSDEC project manager on a weekly basis while RA activities were being conducted.

Air monitoring data was recorded during intrusive activities including excavation, grading, and soil/fill handling activities from May 2018 through May 2019.

Air monitoring results with regard to dust exceeding the action levels, defined in the CAMP, were observed during the following CAMP report periods:

- June 18-22, 2018: Downwind dust exceedance due to Site vehicle/ equipment moving around Site. Site speed limit reduced to 5 m.p.h. to reduce soil disturbance;

- June 25-29, 2018: Downwind and work zone dust exceedances due to high wind gusts. Water applied to ground surfaces across Site to mitigate airborne dust;
- July 2-6, 2018: Downwind and work zone dust exceedances due to high wind gusts. Water applied to ground surfaces across Site to mitigate airborne dust;
- July 30- August 3, 2018: Downwind dust exceedances due to Site vehicle/ equipment moving around Site. Water applied to travel lanes within Site boundaries.
- August 13-18, 2018: Work zone dust exceedances due to Site vehicle/ equipment moving around Site. Water applied to travel lanes within Site boundaries.

Copies of all field data sheets relating to the CAMP are in electronic format in **Appendix F –** Daily Field Reports, discussed below in Section 4.2.6**.**

4.2.6 Reporting

Daily Field Reports (DFRs) were generated by Chazen personnel during the duration of all RAWP activities. DFRs noted the personnel present on-Site, provided a description of the work performed including key Site observations, documented the equipment and material delivered to and removed from the Site, noted if samples were collected, and provided a detailed daily Site map with activity and/ or sample locations if applicable. All DFRs are included in electronic format in **Appendix F**.

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

4.3 CONTAMINATED MATERIALS REMOVAL

The remedy removed most of the impacted soil but did not reduce impacts to less than PGWSCOs at all locations nor reduce groundwater impacts in each location to less than Ambient Water Quality Standards. Consequently, the remedial program achieved an overall Track 4 clean-up.

Additionally, PGWSCOs were used as the RAO for soils in select areas of the Site at or below the water table (i.e. below construction excavation limits).

During the May 2017 SRI and December 2017 SSI evaluations of Site-wide subsurface soil samples, Site-specific constituents of concern (COCs); metals, petroleum-range VOCs and SVOCs, and CVOCs were identified. See reports attached in **Appendix C**. These COCs were observed to exceed RRSCOs and PGWSCOs:

- Metals impacts (arsenic, barium, cadmium, copper, and/or lead) were generally confined throughout the Site in near-surface and urban fill soils to approximately 6.5 feet below ground surface (ft. bgs.);
- Petroleum-range VOCs impacts were observed in SRI soil samples at and just below the water table (approximately 14 ft. bgs.) within the eastern half and north-central part of the Site. These impacts were related to NYSDEC Spill No. 09-06674. The SSI confirmed extents of petroleum-VOC impacts downgradient of the spill, identifying VOC concentrations exceeding the PGWSCOs in multiple locations.;
- Dissolved-phase petroleum-range VOCs associated with NYSDEC Spill No. 09-06674 were identified at and below the water table within the eastern half of the Site.
- CVOCs were observed throughout the Site in soil vapors, including a concentrated pocket within the southwestern quarter of the Site.

Excavation extents during RA activities were determined by the subsurface distribution of impacted source material and in consideration of Site SCOs. The extent of impacted source material in the subsurface was delineated by visual and olfactory observations and soil headspace screening of soil samples collected during excavation activities. Chazen provided experienced personnel to determine and document the extents of impacted source material during excavation activities at the Site in cooperation with NYSDEC representatives. Impacted source material was excavated to the greatest extents practical and feasible. Due to soils exceeding various RRSCOs and PGWSCOs within the

impacted source area plumes, a bulk reduction of contamination associated with the COCs discussed above was completed by impacted source material removal.

Further, extensive waste characterization sampling conducted during the SRI and SSI evaluations and RAWP activities confirmed that soil containing Site-specific COCs at concentrations exceeding the SCOs were co-located with impacted source material and generally observed throughout the Site from ground surface to water table and just below.

The RA excavation was completed in accordance with the RAWP between June 2018 and July 2019 and a total of 36,139 tons of COC-impacted soil material was removed from the Site. **Section 4.3.1** below details soil disposal activities performed at the Site during the RA excavation. **Figure 4** illustrates the total excavation extent of impacted soil removed for off-Site disposal at permitted waste management facilities.

RAOs for the Site included implementation of remedial measures to protect human health and the environment and to mitigate potential short-term impacts to Site construction workers and the surrounding community during the RA period to below RRSCOs. Contaminated material removal tasks in addition to Site-wide removal of soils to achieve these RAOs included:

- Implementation of the CAMP during remedial intrusive activities to monitor and mitigate unacceptable fugitive releases of airborne particulates (i.e., dust and VOCs);
- Excavation, removal and cleaning of twenty-six (26) steel USTs, including off-Site disposal of non-hazardous liquid and semi-solid wastes, residual product/water mixtures and wash rinsate generated from the USTs and secondary containment at permitted waste and metal recycling facilities. UST disposal activities are described below in Section 4.3.2;
- Removal of 3,200 gallons of free product and 1,265 gallons waste/liquid from four previously unknown vaulted 1,500-gallon USTs discovered beneath the floor slab of the previous dry-cleaning/textile manufacturing facility in the NE quadrant of the Site. These USTs and their associated piping were determined to be the "source" of NYSDEC Spill No. 09-06674.

The USTs and approximately 600 cubic yards of grossly impacted soils extending from the base of the vault to approximately 4 feet beneath the water table were removed.

- Excavation, removal of construction and demolition (C&D) debris, and off-Site disposal at permitted waste management facilities. C&D disposal activities are described below in Section 4.3.3; and,
- Implementation of an In-Situ Chemical Oxidation (ISCO) infusion program to achieve an overall 90+% reduction in the concentrations of COCs in the residually impacted soils beneath the water table. ISCO infusion program activities are described below in Section 4.3.4.

The selected remedial approach removed impacted source material to the greatest extent feasible, eliminated exposure to on-Site contaminated soils, reduced the potential for soil vapor mitigation, and reduced the potential for off-Site migration of contaminated groundwater. The RAs could not mitigate groundwater impacts down to Ambient Water Quality Standards or fully eliminate the potential for off-Site migration of residually impacted groundwater.

A list of the NYSDEC Part 375 RRSCOs and PGWSCOs for Site-specific COCs is provided in **Table 1**. **Figure 4** presents the RA excavation extents and locations of on-Site USTs.

The table below summarizes the quantities of each category of material removed from the Site and the disposal locations:

Summary of Materials Recycled/Disposed Off-Site

Material/ Item	Quantity	Units	Responsible Company	Disposal Location
Soil	36,139	tons	Clean Earth, Inc.	Clean Earth of Carteret, NJ Landfill
Steel UST	17	tank	Dover Environmental	Century Waste Elizabeth, NJ
Steel UST	4	tank	Corbett Industrial Cleaning Services	Century
Steel UST	4	tank	United Construction	Century
Steel Boiler	1	tank	United Construction	Century

C&D	2,040	tons	United Construction	Staten Island Recycling
Non-hazardous Waste (Liquid and Semi Solids)	23	drums	ACV Enviro	Cycle Chem (Elizabeth, NJ)
Non-hazardous Liquid Waste	3,200	gal	Corbett Industrial Cleaning Services	Cycle Chem (Elizabeth, NJ)

4.3.1 Soils Removal

Non-hazardous urban fill containing elevated concentrations of SVCOs and regulated metals were identified as continuous across the entire 55,067.75-square feet (ft^2) of the Site ranging from ground surface to up to 8 feet below grade with an average thickness of approximately 6.5-ft. bgs. Urban fill materials consisted of varying quantities of fragmented brick, block, building stone, and weathered asphalt in fine to coarse sand matrix.

The urban fill layer varied in thickness from 2-feet around the outer edge of the Site to approximately 12.5-feet in areas where historical building basements had been filled prior to construction of the most recent structures, which were demolished in advance of RAWP implementation.

Between June 2018 and July 2019, preparation of the Site for new construction required the excavation of approximately 13,257 yd^3 (17,897 tons) of non-hazardous impacted urban fill to achieve the RRSCOs. The extent of non-hazardous impacted urban fill removed for off-Site disposal is illustrated on **Figure 4.**

Upon completion of the urban fill removal action, a round of post-removal confirmatory soil samples were collected from the underlying native soils to confirm achievement of the RAOs. A total of 65 confirmatory soil samples were collected from the native soils immediately below the urban fill layer with not less than 1 sample per 900 ft^2. The concentrations of VOCs, SVOCs, and metals in the native soils were less than UUSCOs in all but two samples. Sample H6 and H7 (grid locations) in Quadrant 2 (NE section) reported TMBs in the native soils at concentrations greater than UUSCOs.

In December 2018, approximately 250 yd^3 (330 tons) of grossly impacted native soil was removed from above the water table and 125 yd^3 (190 tons) was removed from below the water table were removed from the areas H-5 , H-6, G-5 and G-6. This area is

assumed to have been a "hot spot" source area for spill 0906674. The extent of this impacted soil excavation ("4UST Excavation Extent) is illustrated on **Figure 4.**

From September 2018 through September 2019 approximately 9,375 cubic yards (measured in place) of non-impacted native soils and pocket of impacted native material were excavated to achieve the final grades necessary for construction of the North and South Tower Buildings. The native soils were removed from approximately 6.5-ft. bgs to approximately 14.5-ft. bgs from to achieve final construction grades for the tower basements from approximately 31,600-ft^2. These native soils were generally characterized as medium-sized sands with varying amounts of fine and course-sized sand material.

Approximately 3,500 cubic yards of the 9500 cubic yards of clean native soils taken from areas that met NYSDEC Part 375 Unrestricted Use SCOs (UUSCOs), were reused as on-Site as backfill to restore the central portion of the Site to final construction grades. The balance of excess non-impacted native soils (16,270 tons) were transported off-site for disposal. The extent of non-impacted native soil removed for off-Site disposal is illustrated on **Figure 4.**

Transects and stratigraphic cross sections describing estimated cut and fill thicknesses for remedial activities are provided as **Figure 5** (transects), **Figure 5a (**southwest to northeast cross section**) and 5b (**northwest to southeast cross section**).**

4.3.1.1 Soil Disposal Details

Soil disposal activities occurred between July 2018 and July 2019. Soils removed from the Site during the RA excavation were characterized under one waste profile by CEC (Job No. 149824, Approval No. 2718-1046) and disposed at either the CEC Landfill or Bayshore Recycling Facility under New Jersey Department of Environmental Protection (NJDEP) Recycling Center Permit No. CBG160002.

A total of 36,139-tons (~26,770 yd^3) of waste soils were excavated and disposed off-Site during the RA excavation. The total mass removed for off-site disposal includes; 31,365 tons of urban fill (including PCS urban fill), 298 tons of grossly impacted PCS (from the LUSTs), and 4,500 tons of excess clean-native soils that could not be reused on-site due to space limitations. Soil disposal load summaries are included as **Table 2**.

The original letter of acceptance and NJDEP Permit No. CBG160002 limit included

disposal of up 10,910-tons of non-hazardous contaminated soil/ urban fill from the Site. This was increased following additional waste characterization sampling conducted by CEC on July 5 and 9, 2018. A summary of the additional waste characterization samples collected for the RA excavation disposal requirements and associated laboratory analytical results are summarized in **Table 3.** Acceptance letters from soil disposal facilities, waste hauler permits, soil disposal transport manifests, weight tickets, and bill of ladings are included in **Appendix H.**

4.3.2 Underground Storage Tank Removals

Between June 18 and August 29, 2018, a total of twenty-six (26) USTs were discovered at the Site during RA activities. Twenty-four of the USTs were determined to be petroleum storage tanks. Two of the vessels were determined to be steam pressure expansion tanks probably associated with old boiler systems. Locations of USTs discovered on-Site are included in **Figure 4a**. A table and map identifying each tank and PBS registration/closure certificate is included in **Appendix L**.

UST clean-up contractors Dover Environmental Sciences Inc. (Dover) and Corbett Industrial Cleaning Services, Inc. (CICS), emptied, removed, cleaned and disposed/ recycled the following USTs:

- One (1) 300-gallon oil fired boiler,
- Two (2) 50-gallon water expansion tanks,
- Eleven (11) 100 to 500-gallon heating fuel USTs,
- One (1) 750-gallon closed in place UST,
- Three (3) 1,200-gallon closed in place USTs,
- Four (4) 1,500-gallon closed in place USTs; and,
- Four (4) 1,500-gallon Chemical Bulk Storage (CBS) USTs.

Dover vacuumed non-hazardous wastes (i.e. sediments/sands and residual product/water mixtures, and wash rinsate) from all but the four 1,500-gallon CBS USTs discovered on-Site and collected waste in drums for off-Site disposal. CICS removed non-hazardous liquid and semi-solid waste from the four 1,500 CBS USTs in a one-time large quantity shipment prior to removal for off-Site disposal.

4.3.2.1 Underground Storage Tank Disposal Details

A total of seventeen (17) of the steel USTs (two 50-gallon water expansion tanks, eleven 100 to 500-gallon heating fuel USTs, and four 1,500-gallon closed in place USTs) and the four 1,500-gallon CBS USTs were recycled as scrap metal by Dover Environmental.

The 300-gallon oil fired boiler, one 750-gallon and three 1,200-gallon closed in place USTs were recycled as scrap metal by United Construction.

A total of 3,200-gallons of liquid and semi-solid non-hazardous waste contained in the four 1,500-gallon CBS USTs were transported off-Site on September 6, 2018 in a vacuum truck by ACV Enviro (ACV) of Rahway, NJ (EPA ID No. NJD003812047, to Cycle Chem, Inc. of Elizabeth, NJ (TSDF No. NJ002200046) under signed manifest.

Twenty-three (23) 55-gallon drums containing various non-hazardous waste materials generated during UST cleaning activities were transported off-Site on September 26, 2018 by ACV and disposed at the Cycle Chem, Inc. facility under signed manifest.

Waste hauler permit, TSDF acceptance letters, manifests, disposal receipts, and bills of lading are attached in **Appendix L.**

4.3.3 Construction and Demolition Debris Removal

Remedial activities related to the loading and off-Site transportation of C&D debris generated from the Site took place between June 25 and September 19, 2018. United Construction utilized an excavator to load 20-cubic yard (yd^3) roll-offs for off-Site disposal.

4.3.3.1 Construction and Demolition Debris Disposal Details

An estimated 1,020 cubic yards (2070.6 tons actual) of C&D was removed from the Site and transported to permitted waste management facilities for disposal. The table below summarizes C&D transporters, quantities of material removed, and disposal facility location.

Transporter	Quantity (yards)	Disposal Facility Location
Century Waste Services, LLC	220	Century Landfill (Elizabeth, NJ)
Mini 88 Trucking Corp.	20	Century Landfill (Elizabeth, NJ)
All Season Trucking	160	T.M. Maintenance (Staten Island, NY)
Castomarc Express	80	Belleville, NJ
JAYM Trans LLC	540	Clifton, NJ

Waste generator forms, disposal applications, waste manifests and certificates of disposal are presented in **Appendix H**.

4.3.4 ISCO Infusion Program (September 2018 and May 2019)

Two ISCO infusion events were conducted at the Site by Chazen as part of the RA. The intent of the infusion programs was to mitigate to the extent practical an estimated 4,600 cubic yards of residual soil impacts beneath the water table that exceeded PGWSCOs from a delineated area of approximately 21,000 ft² in the eastern half of the site downgradient from the former CBS LUSTs.

The first ISCO event (ISCO 1) took place in September 2018 as specified in the June 2018 RAWP. The event was conducted consistent with the NYSDEC approved work plan, dated June 8, 2018.

The ISCO1 event included:

- Installation of 73 peroxide infusion wells at preselected locations;
- Installation of eight soil borings and collection of soil samples to be used as the baseline for monitoring the effect of the infusions;
- Conversion of baseline borings to temporary groundwater wells with collection of groundwater samples;
- Injection of 3,650 gallons of a saturated solution ferrous sulfate heptahydrate (a approximately 1 pound of solute per gallon) into all 73 injection wells;
- Injection of ~57,570 gallons of 10.2% hydrogen peroxide in two rounds approximately 1 week apart;
- Installation of eight post-injection soil borings with collection and analysis of soil samples;

- Collection of four post injection groundwater samples;
- Summary and comparison of the pre and post injection soil sampling results with comparison to the action levels specified in the work plan;
- Preparation and submission of the interim report.

An interim report was submitted to the NYSDEC on January 18, 2019, describing the work completed, observations during implementation, field decision making, and the results of the pre- and post-monitoring results of soils and groundwater.

The ISCO 1 injection program demonstrated its effectiveness by significantly reducing VOC concentrations in the subsurface soils, at and below the groundwater table, over most of the target area. However, after review of the soil and groundwater data, it was determined that two areas remained estimated at approximately 2,500 ft^2 each with approximately 700 cubic yards total of residual impacts beneath the water table to warrant additional mitigation efforts. A copy of The ISCO 1 work plan and interim report are attached in **Appendix I.**

A supplemental ISCO remedial action (ISCO 2) consisting of a single injection event was completed in May 2019 as specified in the work plan approved by the NYSDEC on March 9, 2019.

The supplemental ISCO 2 remedial action included:

- Installation of six soil borings at pre-determined locations with collection and analysis of soil samples;
- Installation of four piezometers with collection and analysis of four groundwater samples;
- Installation of fifteen peroxide infusion wells at preselected locations;
- Injection of 270 pounds of ferrous sulfate heptahydrate dissolved in 1,350 gallons of water;
- Injection of 13,300 gallons of 15% hydrogen peroxide;
- Installation of 12 post-injection soil borings with collection and analysis of soil samples;

- Collection of four post injection groundwater samples;
- Injection of 2,400 lbs of Petrofix® to form a barrier wall along the eastern property boundary;
- Summary and comparison of the pre and post injection soil sampling results with comparison to the action levels specified in the work plan;
- Injection of an additional 1600 lbs of Petrofix in three five-point rings around residual hotspots that failed to achieve the action goals; and,
- Preparation and submission of the interim report.

An report was submitted to the NYSDEC on June 24, 2019, describing field activities, soil and groundwater sampling results, conclusions and further recommendations.

The ISCO 2 injection program demonstrated effectiveness in mitigating impacts over much of the ISCO 1 defined target areas. Remedial target objectives were unable to be met in a few select locations. Residual soil impacts remain on site at concentrations greater than PGWSCOs at and below the water table.

As included in the approved work plan, the were residual soil impacts were treated with an infusion of Land Sciences/Regenesis Petrofix® micro-carbon slurry at select locations to retard the formation of a dissolved plume from the on-site soils. A Petrofix® barrier was installed along the eastern property boundary to treat migrating impact groundwater before it could migrate off site. Remaining soil and groundwater impacts are further discussed in Section 4.6. The ISCO 2 work plan and interim report are attached in **Appendix I.**

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Remedial sampling and laboratory analyses were performed throughout the duration of remediation action activities in accordance with RAWP to document the performance of RAs. The following sections provide a detailed description of remedial performance/documentation sampling at the Site during RA excavation and ISCO activities.

All remedial performance/ documentation sampling was performed in accordance with the final approved QAPP. All laboratory analytical reports generated during RA excavation sampling activities are included in **Appendix J.** Laboratory analytical results for samples collected during the RA included ASP Level B data deliverables for use in preparations of Data Usability Summary Reports (DUSRs) in accordance with DER-10, by Laboratory Data Consultants, Inc. (LDC) of Carlsbad, California. The DUSRs are included in **Appendix J**. Additionally, all electronic data deliverables of all validated soil sampling data collected during the remedial action excavation has been electronically submitted to the NYSDEC maintained state data base, Environmental Information Management System (EIMS).

4.4.1 Excavation Soil Performance/Documentation Sampling

A total of 58 confirmation endpoint soil samples were collected from the base of the excavation between August 20 and September 21, 2018, to demonstrate that the remedy had achieved the RRSCOs above the ground water table. Additionally, seven confirmation endpoint soil sample were collected on December 5, 2018, from the deeper interior excavation, "4UST Excavation", advanced to remove a "hot spot" source area. Confirmation samples were collected at a frequency of one sample per 900-ft^2 of excavation bottom area and one sample per 30-linear feet of excavation sidewall. Confirmation soil sample collection was completed in accordance with the QAPP (Appendix E) included in the RAWP and DER-10 Section 5.4, with the exception of sidewall samples around perimeter of the Site. Due to the entire property being excavated to a preset depth, sidewall samples were unable to be collected from the approximately 990-feet of property boundary cut-walls due to shoring installations. **Figure 6** depicts confirmation soil sample locations. **Table 4 summarizes** the laboratory analytical results for each confirmation endpoint sample.

Each sample location consisted of one grab sample analyzed for VOCs by EPA method 8260C, and one 5-point composite sample, analyzed for SVOCs by EPA method 8270D and RCRA metals (arsenic, barium, cadmium, copper and lead) by EPA method 6010C. Additional Quality Assurance/Quality Control (QA/QC) samples were also submitted for analysis, including trip blanks, field duplicates, field blanks, and matrix spike

samples. Soil samples were shipped to Chemtech Environmental Laboratory of Mountainside, New Jersey, under standard chain of custody for analysis. All confirmation endpoint soil samples collected were compared to 6 NYCRR 375 RRSCOs.

Sample results indicated VOCs, SVOCs and RCRA metals concentrations were either non-detect or were detected at trace levels less than RRSCOs, demonstrating achievement of significant Site remediation through the remedial action excavation.

4.4.2 ISCO – Soil and Groundwater Performance/Documentation Sampling

4.4.2.1 ISCO 1 (September 2018)

PRE-ISCO 1 Soil and Groundwater Sampling

During the ISCO1 installation event; eight soil borings were installed at pre-selected interstitial nodes to establish the baseline conditions for monitoring the effects of the ISCO infusions. The borings were advanced with a geoprobe. A 3" stainless steel casing was advanced from grade to the target depth at each location. A 2.25 inch was advanced in-front of the driven casing to collect continuous spoon samples. The soil cores were retrieved, inspected for visual or olfactory evidence of impacts, and screened with a photoionization detector. A descriptive log of each boring was prepared in the field. The logs are attached.

One soil sample was collected from each core interval immediately above the water table where historic impacts were observed and from each 3-foot interval of soil beneath the water table. The soil samples were collected with Terracore samplers and submitted for laboratory analysis of ASP TCL-VOCs.

The boring was converted to a monitoring well by installing a 1.25-inch schedule 20 PVC slotted screen into the protective casing with sufficient riser to extend the well to grade. A filter pack was installed as the casing was withdrawn from the bore hole and the well-sealed at the surface with a bentonite plug. A grab sample was collected from each well, immediately after installation, using a peristaltic pump and low-flow sampling. Groundwater samples were submitted for laboratory analysis of ASP TCL-VOCs.

POST-ISCO 1 *Soil and Groundwater Sampling*

Groundwater samples were collected from MW-D through MW-H on September 27, 2018 after completion of the southern grid infusion events. Concurrent with this sampling event soil borings were advanced adjacent to wells MW-E to MW-H, and soil samples collected from the same depths as the samples collected when these well were installed for comparison of the pre and post ISCO VOC concentrations.

Groundwater samples were collected from MW-A through MW-D on October 5, 2018 after completion of the northern grid infusions. Soil borings were also advanced adjacent to these wells and soil sample collected for comparison of the pre and post ISCO VOC concentrations.

Eight additional soil borings were installed and sampled December 11 and 12. The work plan anticipated installing four borings in the southern grid area and four in the northern grid area to provide additional data to assess the ISCO impacts across the entire grid. However, as discussed with NYSDEC, the initial post-ISCO sampling from the southern portion of the grid demonstrated minimal residual soil impacts in the southern delineation area covered by infusion grid group 1 or 2 with historic impacts remaining in the northern most area covered by Groups 3 and 4. Consequently, all eight of the additional post-ISCO boring locations were placed in the northern grid. The borings were installed in pairs with one boring placed immediately adjacent one of the ISCO infusion points, and the second boring located within five feet to evaluate the effect of the infusions on the VOC concentrations in the soil as it spread from the well.

Four of the borings were installed immediately adjacent to ISCO infusion wells where initial impacts were the highest, four were installed approximately five feet from one of the four targeted infusion points. One of the borings, located immediately downgradient from the recently completed UST source area removal action, was converted to a well (MW-I) and two additional borings (MW-J and MW-K) were added at the request of NYSDEC.

4.4.2.2 ISCO 2 (May 2019)

PRE-ISCO 2 Soil and Groundwater Sampling

Six new soil borings were installed at preselected locations within the proposed injection grid for the second ISCO infusion round. The locations were selected to supplement six existing data points collected in the December sampling event to minimize the separation distances between available points and provide a better overall coverage of the impact area within the target zone. The locations were also conservatively selected at points where the least effect from the injections would be realized but still be within the anticipated zone of impact from the nearby injection points.

The borings were advanced from grade to approximately six feet below the apparent water table using a geoprobe with continuous core sampling from grade to depth. As each core was retrieved, it was inspected by Chazen's on site geologist for visual and olfactory evidence of impacts and screened with a photoionization detector. The soils were classified, and a descriptive log prepared for each boring. Copies of the boring logs are attached.

In each boring location, a soil sample was collected from the first three-foot interval below the apparent water table. The samples were submitted along with quality control samples to Chemtech, Mountainside, NJ for analysis of ASP TCL-VOCs for 72-hr TAT with full Category B data deliverables.

Four temporary piezometer/groundwater sampling points were installed at predetermined locations. A two-inch inner diameter stainless steel casing fitted with a sacrificial blind probe was advanced to the target depth at 20 feet below ground surface. A 10-foot length of 10-slot, 1.25-inch diameter, schedule 40 PVC with sufficient riser to extend to grade was installed in each open borehole and the casing withdrawn.

The depths to water were measured in the piezometers approximately 30 minutes after installation, and prepared for sampling upon confirmation that water levels were equilibrated with water table conditions. The wells were then were purged slowly, with water quality parameters recorded every five minutes until they stabilized. Samples were then collected using a peristaltic pump and low-flow (< 0.05 gpm) sampling techniques from approximately 1 ft AMSL elevation from the midpoint of the saturated screen interval. Copies of the sampling logs collected in the field are attached.

One round of samples with full quality control sampling was collected and submitted to the laboratory for analysis of ASP TCL-VOC with standard TAT and Cat B data deliverables.

POST-ISCO 2 *Soil and Groundwater Sampling*

On Monday May 20, 2019, twelve soil borings were installed at the pre-planned boring locations and 24 soil samples were collected for laboratory analysis. The methods and procedures for boring installation and sampling were identical to that used for the pre-ISCO sampling event described previously. The field logs for the soil boring are attached.

Groundwater samples were also collected from the four previously-installed piezometers using the same protocols as the pre-injection sampling event. Copies of the groundwater sampling logs are attached. The samples were submitted for laboratory analysis of ASP TCL-VOCs with full Cat B data deliverables.

4.5 IMPORTED BACKFILL

A total of 7,092 tons of NYSDEC approved backfill was imported and used on site. This included engineered clean fill, recycled 3/4-inch and ½-inch clean bluestone, and virgin shot-rock.

Imported recycled general fill and stone was sourced from Impact Reuse and Recovery Center ("IRRC"), a NJDEP-permitted Class B Recycling Facility, located in Lyndhurst, New Jersey. Documentation of the sources of backfill and laboratory analysis in accordance with the requirements of DER-10 were provided to NYSDEC and approved prior to importing the materials. Copies of submittals, NYSDEC approvals, and weight tickets for the delivered backfill materials are included in **Appendix K.**

Imported virgin stone was sourced from the Tilcon Mt Hope facility in New Jersey. Virgin stone is exempt from testing and approval per DER-10 and Part 375.

Imported backfill material were analyzed for chemical composition in accordance with Table 4 of NYSDEC CP-51 and/or Table 5 of DER-10 to demonstrate the quality of imported backfill was consistent with the RRSCOs and PGWSCOs.

Table 4.5: Summary of Imported Backfill

Backfill Type	Volume (tons)	Material Reuse
0.75-inch Stone	2526.36	SSDS gallery sub-slab permeable
0.5-inch stone	50.45	Foundation wall back fill
Clean General Fill	4347.07	Pre-construction grade restoration
Virgin Stone	174.79	Structural backfill

A figure showing the approximate locations where backfill was used at the site is shown in **Figure 6.**

4.6 CONTAMINATION REMAINING AT THE SITE

4.6.1 Soil

The Site-specific primary contaminants of concern (COCs) (surrogates) outlined in the RAWP, provided in Appendix E, included 1,2,4-trimethylbenzene and Perchloroethylene (VOCs), benzo(a)anthracene (SVOCs), and barium and lead (metals). Six emerging contaminates (PFCs) were also detected at trace concentrations in the groundwater at concentrations ranging from 2 to 66 ng/l but were not considered primary COCs nor included in the RAWP.

Site-specific COCs were developed taking into consideration the planned future Site use including development that met NYSDEC Part 375 Restricted-Residential land use criteria. The remedial action objective (RAO) for soil specified in the RAWP was to achieve RRSCOs for soils located above the water table and substantially reduce COCs in soil beneath the water table that exceeded the PGWSCOs.

The Site cover system was required to meet RRSCOs and allow for restricted residential land use of Site soils in areas that are not otherwise covered by structures such as buildings, sidewalks, pavement, or backfilled with fill material brought to the Site meeting SCOs as set forth in 6 NYCRR Part 375-6.7(d).

Remedial action excavation activities were conducted in phases with direct oversight of experienced environmental scientists and technicians under the control of qualified environmental professionals to delineate and document extents of impacted urban fill, native soils and GCM. Excavation activities began in July 2018 with the removal of the urban fill across the entire Site. Once all impacted urban fill had been removed post-excavation confirmation soil samples were collected from the base of excavations, (ft. bgs.) to demonstrate that the remedy had achieved RRUSCOs in soils above the groundwater table.

A total of 70 excavation endpoint confirmation soil samples were collected after removal of Site-wide urban fill. Excavation confirmation samples were collected at a frequency of one grab sample and one 5-point composite sample per 900 square feet of base. Grab samples were submitted for laboratory analysis of ASP TCL-VOCs by EPA Method 8260. Composite samples were submitted for laboratory analysis of SVOCs by EPA Method 8270 and Part 375 metals by EPA Method 6010. The excavation confirmation samples were compared to 6 NYCRR Part 375 RRUSCOs.

No exceedances of RRUSCOs for VOCs, SVOCs, or metals were observed in the underlying native soils except for a specific location associated with four vaulted USTS associated with the former dry-cleaning operations. A pocket of grossly contaminated soils that appeared saturated with free-product extending from the base of these USTs to approximately 3-4 feet beneath the water table was delineated. Subsequent excavation removed 531.5 tons of grossly impacted soils from this “source area” to a depth of approximately 4 feet below the water table (approximately 0 ft AMSL).

There are no known or suspected pockets of “grossly contaminated soil” as that term is defined by Part 375-1.2(u) remaining on site that would act as a sustaining source of groundwater contamination.

No known or suspected impacts remain within on-site soils at or above the water table at a depth of 14.5 feet below grade (4 feet AMSL).

Approximately 400-600 cubic yards of residually impacted subsurface soils remain beneath the water table in the smear zone in the east central portion of the Site. The impacts extend from the limits of the of grossly impacted excavation beneath the former vaulted

USTs to approximately 80 feet to the south and 60 feet east to the property boundary between the courtyard area between the northern and southern towers. Total VOCs of approximately 900 mg/kg remain immediately downgradient of the source and decrease to approximately 300 mg/kg near the eastern property boundary.

Historical data also indicates that impacted soils (with VOCs > 200 mg/kg) extend off-site to the east beyond the property boundary to approximately the centerline of Powell Street. The source of these residual impacts is assumed to be the now removed grossly contaminated soils associated with the LUST.

The residual impacts are not uniformly distributed throughout the area. Pockets of elevated concentrations remain where either the peroxide infusions were less effective than originally calculated or the initial concentrations in those areas were substantially higher than projected. Residual volatile organic compounds (ranging from ~50 mg/kg to ~900 mg/kg) with an average concentration of ~220 mg/kg (of which 60-70% is TMB) remain in the on-site soils below the water table from 14 feet to up to 20 feet below grade at concentrations that exceed PGWSCOs.

Based on the data analysis included in the interim reports of the infusion events submitted previously to NSYDEC, the ISCO2 injection program was demonstrably effective over much of the target areas. Between 50% and 60% of the total mass of VOCs in the soils below the water table have been eliminated through the ISCO treatments and the total area of impact has been reduced by approximately 70% to 80%.

There are no known pockets of "grossly contaminated soil" as that term is defined by Part 375-1.2(u) remaining above the water table on site that would act as a sustaining source of groundwater contamination. There are residual impacts in limited areas remaining below the water table.

The remaining pockets of soils that did not achieve the targeted reductions specified in the ISCO injection work plans have been treated with Petrofix to bind the dissolving residual contamination and attenuate their migration and help biodegrade the residual. The long-term effectiveness of the Petrofix will be evaluated by the periodic monitoring described in the Site Management Plan.

As a Volunteer, the quality of off-site soils was not an obligation of the Volunteer to investigate or remediate. However, six soil were borings installed within the ROW of Powell street during a Spill investigation conducted in 2012. No impacts were observed in

the soils in those borings above the water table. However, samples collected from below the water table detected concentrations of COCs exceeding PGWSCOs immediately adjacent the site eastern property boundary. The detections decreased to less than PGWSCOs in borings to the east (across Powell) and south (along Hegeman).

Two off-site wells were installed along Powell Street in November 2019 approximately 10 feet from the eastern property boundary. Soil samples collected from immediately below the water table at both locations reported substantial impacts in the off-site soils at concentrations comparable to the residual on-site impacts. These results are presented and discussed in the Well Installation Report included in **Appendix M**.

No information or data concerning the off-site soil or groundwater immediately to the west (beneath Sackman Street) or to the south (along Hegeman street.) is available.

Based on field observations, residual petroleum impacted soils may be present in the off-site soils beneath the sidewalk along the northern property boundary near the intersection of New Lots and Powell.

No separate/distinct demarcation barrier layer separating impacted native soils from clean-fill was considered necessary. The vapor barrier beneath the basement floor of each building section will be used as the demarcation barrier for management or removal/disturbance of on-site soils if there is additional construction below the ground in the future.

There are no remaining historical on-Site utilities nor infrastructure, nor any newly constructed utilities located within residually impacted soils.

A map of the residual on-site soil impacts is included as **Figure 8.** Chemical Concentration Isopleths are also included on **Figure 8.** As no known or suspected impacts remain in the on-site soils at or above the water table, only samples collected from below the water table with one or more compounds that exceed PGWSCOs are included on the map. A summary table of the exceedances is included as **Table 5**

4.6.2 Groundwater

On-Site groundwater remains impacted with volatile organic compounds consisting primarily of 1,2,4 and 1,3,5-trimethylbenzene (representing 65-80% of total impact) and other gasoline range organic compounds at concentrations greater than Ambient Water

Quality Standards. The analytical results of all samples of groundwater that exceed the SCGs after completion of the remedial action are included on **Table 5** and the locations included on **Figure 9**. Groundwater contours are also included on **Figure 9**.

Based on groundwater flow, the residual plume should move through the Petrofix barrier and be rapidly reduced. Groundwater samples collected 60 days after installation of the barrier reported a total reduction of 40% in the concentration of total VOCs from the upgradient edge of the zone to the centerline of the barrier.

Five permanent groundwater monitoring wells were installed on November 18 and 19, 2019. The wells were installed at preselected locations in accordance with the NYSDEC approved work plan dated November 5, 2019. A Monitoring Well Installation and Sampling Report is included in **Appendix M**.

The results of groundwater sampling in November 2019 indicates that substantial residual concentrations of VOCs remain in the on-site groundwater between the former LUST excavation area and the eastern property boundary.

GROUNDWATER	AWQS	On-site Wells			Off-site Wells	
Compound		MW-1	MW-2	MW-3	MW-4	MW-5
Tetrachloroethene	0.7	nd	1.6	1.3	2.8	1.1
ethylbenzene	5	10.4	110	160	210	88
m/p Xylene	5	22	120	140	250	49.6
0-Xylene	5	2.7	1.4	110	22	40.5
Isopropylbenzene	5	280	300	200	170	94.8
n-propylbenzene	5	520	610	360	340	170
1,3,5 Trimethylbenzene	5	nd	530	170	570	310
tert-butylbenzene	5	37.9	52.4	23.8	20.1	13.9
1,2,4 Trimethylbenzene	5	790	2700	2000	2500	1200
sec-butylbenzene	5	160	260	99.3	87.6	52.4
n-butylbenzene	5	77.6	240	77.4	99.2	49.6
TOTAL VOCS		1900.6	4925.4	3341.8	4271.7	2069.9

results in µg/l
AWQS per TOGS 111

These groundwater sample results demonstrate that substantial impacts remain in both the on-site and off-site groundwater. These results are presented and discussed in the Well Installation Report included in **Appendix M**.

4.6.3 Soil Vapor

Soil vapor consisting primarily of Tetrachloroethylene at concentrations ranging from less than 1 to over 10,000 µg/M³ was reported in the 2017 SRI for the site. Based on the data, the vapors appeared to be emanating from a pocket of impacted urban fill located near the northeast corner of the southwest quadrant (Q3) of the Site.

Post-excavation samples collected from the native soils in this area after removal of the urban fill reported only residual trace concentration of PCE in this quadrant of the site at concentrations well below the UUSCOs with a maximum reported concentration of 0.051 mg/kg.

No post removal SVI samples were considered necessary as an active SSDS system beneath the floors of all newly constructed interior space was included in the building construction plans.

Periodic monitoring at pre-installed monitoring points included in the active sub-slab depressurization system design will be used to evaluate the post-construction soil vapor concentrations and performance of the SSDS. The monitoring will be continued in accordance with the approved SMP until determined by NYSDEC and NYSDOH to be no longer required.

Since contaminated soil and groundwater remains beneath the Site after completion of the RA, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the SMP approved by the NYSDEC.

4.7 SOIL COVER SYSTEM

Exposure to remaining contamination at the Site is prevented by a cover system placed over the site. This cover system is comprised primarily of concrete building slabs and walkways covering an estimated 94% of the site. A minimum of 24 inches of clean soil will be used in the approximately 4,100 ft² landscaped courtyard area abutting Powell Street. As all impacted soils above the water table (at 14 feet below grade) exceeding UUSCOs were excavated and removed from this area, no demarcation barrier was installed nor considered necessary. The upper six inches of placed soil is of sufficient quality to maintain a vegetative layer.

Soil cover material, including any fill material brought to the Site, met SCOs for cover material for use of the Site as set forth in 6 NYCRR Part 375-6.7(d). **Figure 2a**– Engineering Control Locations, presents the location of the cover system. The Excavation Work Plan (EWP) provided in Appendix C of the Site Management Plan (**Appendix E**) outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of the Site Management Plan. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in the HASP and CAMP prepared for the site and provided in Appendix E of the RAWP (**Appendix D)**.

4.8 OTHER ENGINEERING CONTROLS (ECS)

Since remaining residually contaminated soil, groundwater and potential soil vapor exists beneath the Site, Engineering Controls (ECs) are required to protect human health and the environment. The Site has the following primary Engineering Controls, as described in the following subsections.

4.8.1 Sub-Slab Depressurization System and Vapor Barrier

The following sections provide a detailed description of the vapor mitigation components of the SSDS for the Site. The engineering control for potential soil vapor includes the following components:

- An impermeable vapor barrier system was placed beneath the concrete slabs of the new constructions; and,
- Collection piping for an SSDS were installed beneath the floor slabs of the new constructions beneath the vapor barrier. The collection screens are set in a uniform gravel layer fourteen inches thick to ensure complete building wide coverage.

Conceptual Approach

The conceptual approach continuous mechanism to ensure protection of human health by preventing exposure of building occupants to contaminant vapors that may originate from soil and groundwater contamination left on-Site. The vapor barrier seals the footprint of the building's concrete slabs, thereby preventing transportation of sub-slab vapor-phase contaminants into the Site buildings. The SSDS generated a constant vacuum in the sub-grade material below the vapor barrier to evacuate any vapor-phase contaminants that may otherwise accumulate below the vapor barrier, eliminating the potential for these contaminants to migrate into the Site buildings.

System Design and Installation

The SSDS design is in accordance with the NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The SSDS design for the EC was submitted to the NYSDEC with the RAWP for review and approved by the NYSDEC.

The following describes components, materials, and general layout of the installed vapor barrier and SSDS:

- Vapor barrier Membrane
- Trenching/Piping
- Geotextiles

- Aggregate/fill
- Soil vapor monitoring points
- Blower/manifold
- Discharge

Initial Testing

On November 18 and 19, 2019, the sub-lab collection system was vacuum tested to confirm that an applied vacuum would generate a sympathetic response at the sub-slab monitoring point locations. Each zone of the system that was not inundated by groundwater was tested by applying a vacuum and measuring the response at the nearest vacuum monitoring point. A pilot test report prepared by the stsem design/installation contractor, EnviroTrak, is included in **Appendix N**.

The test results will be used to select the properly sized blower unit(s) needed to generate the required sub-slab negative pressure differential for each system. Once the builds currently under construction are complete, the remainder of the SSDS will be installed prior to securing a Temporary Certificate of Occupancy for each the building. It is estimated that this will be completed by July 1, 2020.

System Start-up and Testing

Once installation is complete, a start-up test will be completed for each SSDS. The test results will confirm the effectiveness of the system, balance the legs of the system, optimize the performance, and prepare the system operations and maintenance procedures for inclusion in the SMP.

Continuous Operation and Maintenance

The SSDS beneath the central building is intended to operate continuously all year-round. Due to the very close proximity of the elevations of collection piping beneath the Tower buildings and the water table, under high water table conditions, inundated collection lines will automatically be isolated from the blowers using permanently installed float switches and flow control valves. The entire system will continue operation until the NYSDEC and NYSDOH grant approval to shut-off one or more lines of the SSDS.

Preliminary procedures for monitoring, operating and maintaining the system are provided in the Operation and Maintenance Plan in **Section 5.3** of the approved SMP. These will be modified as necessary to include the final start-up test results.

4.8.2 Petrofix Barrier

A specified work plan dated March 9, 2019 and approved with conditions in April 2019, a micro-carbon barrier was installed along the eastern property boundary. The barrier extends from 14-20 feet below grade over an area 20 feet wide by 90 feet long between the foundation walls of the north and south tower buildings. A total of 2,400 gallons of Petrofix slurry containing 600 pounds of self-regenerating activated micro-carbon was injected to form a reaction zone of 400 cubic yards with 1.5 pounds of activated carbon per cubic foot.

An additional 400 pounds of Petrofix was installed around each of four hotspots where post-ISCO samples reported pockets of residual impacts that failed to achieve the RAOs

The barrier and contaminant reduction/control zones around the hotspots are engineering controls intend to capture dissolved hydrocarbons that desorb from the into the groundwater to prevent their migration. In addition to the activated carbon, the Petrofix also contains an electron donor to enhance biological decay.

The quantity of activate carbon is sufficient to completely capture approximately two times the total mass of residual COC's remaining on-site. Periodic monitoring of the groundwater as specified in the SMP is necessary to evaluate the sustained effectiveness is required. The SMP includes the evaluation criteria to be used to determine if corrective action is needed to augment/supplement the barrier and/or recharge the zone to maintain its effectiveness.

4.9 INSTITUTIONAL CONTROLS (IC)

A series of ICs is required by the Decision Document to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and, (3) limit the use and development of the site to commercial and restricted residential uses only. Imposition of IC under the BCP is defined within the approved environmental easement and the SMP. The ICs are combined with the engineering controls described in **Section 4.8** to constitute the extent of Site remedial action under the BCP. The institutional controls imposed on this BCP Site include the following:

- The property may be utilized for restricted residential, commercial, and/or industrial use;
- The use of on-site groundwater as a potable or non-potable water supply is prohibited without prior written approval of NYSDEC. Local permits and approvals may also apply.
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- Future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP and approved by NYSDEC;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and,
- Agriculture and vegetable gardens on the Site are prohibited.

Two environmental easements for the site were executed by the NYSDEC on October 11, 2019 and filed with the Kings County Clerk on November 5, 2019. The County Recording Identifier numbers for these filings are City Registry File Number

2019000362530 and 2019000362531. A copy of the environmental easements and proof of filing is provided in **Appendix A.**

4.10 DEVIATIONS FROM THE RAWP

The NYSDEC approved Remedial Action Work Plan (RAWP) RAWP dated March 8, 2018 and Decision Document (DD) dated March 9, 2018 specified the remedy to include:

- Excavation and off-site disposal of contaminant source areas, including:
    - grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u); and
    - soils which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards
- Excavation and off-site disposal of on-site soils, to a depth of 6.5 feet below grade, which exceed restricted-residential SCOs, as defined by 6 NYCRR Part 375-6.8, and the lower of restricted-residential SCOs or the protection of groundwater soil cleanup objectives (PGWSCOs) as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards at any depth.
- Removal and closure of all known/suspected/ or discovered petroleum underground storage tanks;
- Post-excavation sampling of native soils to demonstrate compliance with RAOs;
- Excavation of clean-native soils to construction grades for placement of vapor mitigation systems;
- Construction of SSDS system for all new structures prior to placing floor slabs;
- Regrading site to final construction grades using clean native soils or certified clean NYSDEC approved) imported backfill.

A request to Amend the RAWP dated April 18, 2018 was submitted to NYSDEC and approved. An amended RAWP dated June 18, 2018 was submitted to NYSDEC and approved with an Explanation of Significant Differences (ESD) issued by NYSDEC in

September 2018. The ESD approved the use of In-situ Chemical Oxidation to treat the residually impacted soils in-place in lieu of excavation and off-site disposal.

Two rounds of ISCO infusions were implemented in September 2018 and the results of the pre-and post-infusion soil and groundwater monitoring reported to NSYDEC in January 2019. Although the results indicated that substantial reductions of residual impacts had been affected over much of the delineated area, large pockets of impact soil remained at concentrations that warranted additional mitigation.

A work plan dated March 18, 2019 was submitted to NYSDEC and approved in April 2019. A third round of ISCO injections targeting the residual pockets of remaining impacts was implemented in May 2019.

The supplemental work plan included installation of additional engineering controls to be added in the event that residual pockets remained after the third injection that had not achieved the targeted remedial goals. Based on comparison of the results of the pre and post injection sampling events, the additional engineering controls identified in the approved work plan were installed. The original RAWP Amendment had specified the use of Regensis Oxygen Release Compound (ORC) as the contingency additive. However, after reviewing the data and consulting with NYSDEC, the ORC was replaced with Regensis Petrofix.

THE POST REMEDIATION GROUNDWATER MONITORING WELL NETWORK PLANNED FOR THE SITE INCLUDED THREE GROUNDWATER WELLS LOCATED ON SITE NEAR THE FORMER LUSTS AND ONE WELL LOCATED AT THE ALONG THE SOUTHERN PROPERTY BOUNDARY. HOWEVER, DURING THE COMPLETION OF THE RAWP AND REVIEW OF INTERIM DATA FROM THE ISOC PROGRAM, IT WAS DETERMINED THAT THE POTENTIAL FOR OFF-SITE MIGRATION TO THE SOUTH WAS MINIMAL. FROM THE "SOURCE" AREA, IMPACTS WERE MIGRATING TO EAST-SOUTHEAST WHERE THE PETROFIX BARRIER WAS PLACED. A SUBSEQUENT WORK PLAN WAS SUBMITTED TO NYSDEC AND APPROVED FOR THE INSTALLATION OF FIVE WELLS TO MONITOR THE FLOW OF IMPACTED GROUNDWATER THROUGH THE BARRIER ZONE.

TABLES

TABLE 1
NYSDEC Soil Cleanup Objectives (SCOs)
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Parameter	Restricted - Residential Use (RRSCOs)[1]	Protection of Groundwater (PGWSCO)[1]
Volatile Organic Compunds (VOCs) - mg/kg		
1,1,1-Trichloroethane	100	0.68
1,1,2,2-Tetrachloroethane	NS	NS
1,1,2-Trichloroethane	NS	NS
1,1,2-Trichlorotrifluoroethane	NS	NS
1,1-Dichloroethane	26	0.27
1,1-Dichloroethene	100	0.33
1,2,4-Trichlorobenzene	NS	NS
1,2,4-Trimethylbenzene	52	3.6
1,2-Dibromo-3-Chloropropane	NS	NS
1,2-Dibromoethane	NS	NS
1,2-Dichlorobenzene	100	1.1
1,2-Dichloroethane	3.1	0.02
1,2-Dichloropropane	NS	NS
1,3,5-Trimethylbenzene	52	8.4
1,3-Dichlorobenzene	49	2.4
1,4-Dichlorobenzene	13	1.8
1,4-Dioxane	13	0.1
2-Hexanone	NS	NS
4-Methyl-2-Pentanone	NS	NS
Acetone	100	0.05
Benzene	4.8	0.06
Bromodichloromethane	NS	NS
Bromoform	NS	NS
Bromomethane	NS	NS
Carbon Disulfide	NS	NS
Carbon Tetrachloride	2.4	0.76
Chlorobenzene	100	1.1
Chloroethane	NS	NS
Chloroform	49	0.37
Chloromethane	NS	NS
cis-1,2-Dichloroethene	100	0.25
cis-1,3-Dichloropropene	NS	NS
Cyclohexane	NS	NS
Dibromochloromethane	NS	NS
Dichlorodifluoromethane	NS	NS
Ethylbenzene	41	1
Hexachlorobenzene	1	3.2
Ispopropylbenzene	NS	NS
m/p-Xylenes	100+	1.6
Methyl Acetate	NS	NS

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Parameter	Restricted - Residential Use (RRSCOs)[1]	Protection of Groundwater (PGWSCO)[1]
Volatile Organic Compunds (VOCs) - mg/kg		
Methyl ethyl ketone (2-butanone)	100	0.12
Methyl tert-butyl Ether	100	0.93
Methylcyclohexane	NS	NS
Methylene Chloride	100	0.05
n-Butylbenzene	100	12
n-Propylbenzene	100	3.9
o-Xylenes	100+	1.6
sec-Butylbenzene	100	11
Styrene	NS	NS
trans-1,3-Dichloropropene	NS	NS
tert-Butylbenzene	100	5.9
Tetrachloroethene	19	1.3
Toluene	100	0.7
trans-1,2-Dichloroethene	100	0.19
Trichloroethene	21	0.47
Trichlorofluoromethane (freon 11)	NS	NS
Vinyl Chloride	0.9	0.02
Semi-Volatile Organic Compunds (SVOCs) - mg/kg		
1,1-Biphenyl	NS	NS
2,2-oxybis(1-Chloropropane)	NS	NS
2,4,5-Trichlorophenol	NS	NS
2,4,6-Trichlorophenol	NS	NS
2,4-Dichlorophenol	NS	NS
2,4-Dimethylphenol	NS	NS
2,4-Dinitrophenol	NS	NS
2,4-Dinitrotoluene	NS	NS
2,6-Dinitrotoluene	NS	NS
2-Chloronaphthalene	NS	NS
2-Chlorophenol	NS	NS
2-Methylnaphthalene	NS	NS
2-Methylphenol	NS	NS
2-Nitroaniline	NS	NS
2-Nitrophenol	NS	NS
3,3-Dichlorobenzidine	NS	NS
3+4-Methylphenols	NS	NS
3-Nitroaniline	NS	NS
4,6-Dinitro-2-methylphenol	NS	NS
4-Bromophenyl-phenylether	NS	NS
4-Chloro-3-methylphenol	NS	NS
4-Chloroaniline	NS	NS

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Brooklyn, New York

Parameter	Restricted - Residential Use (RRSCOs)[1]	Protection of Groundwater (PGWSCO)[1]
Semi-Volatile Organic Compunds (SVOCs) - mg/kg		
4-Chlorophenyl-phenylether	NS	NS
4-Methylphenol	NS	NS
4-Nitroaniline	NS	NS
4-Nitrophenol	NS	NS
Acenaphthene	100	98
Acenaphthylene	100	107
Acetophenone	NS	NS
Anthracene	100	1000
Atrazine	NS	NS
Benzoic acid	NS	NS
Benzyl alcohol	NS	NS
Benzaldehyde	NS	NS
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	22
Benzo(b)fluoranthene	1	1.7
Benzo(g,h,i)perylene	100	1000
Benzo(k)fluoranthene	3.9	1.7
bis(2-Chloroethoxy)methane	NS	NS
bis(2-Chloroethyl)ether	NS	NS
bis(2-Ethylhexyl)phthalate	NS	NS
Butylbenzylphthalate	NS	NS
Caprolactam	NS	NS
Carbazole	NS	NS
Chrysene	3.9	1
Dibenz(a,h)anthracene	0.33	1000
Dibenzofuran	59	210
Diethylphthalate	NS	NS
Dimethylphthalate	NS	NS
Di-n-butylphthalate	NS	NS
Di-n-octyl phthalate	NS	NS
Fluoranthene	100	1000
Fluorene	100	386
Hexachlorobenzene	1.2	3.2
Hexachlorobutadiene	NS	NS
Hexachlorocyclopentadiene	NS	NS
Hexachloroethane	NS	NS
Indeno(1,2,3-cd)pyrene	0.5	8.2
Isophorone	NS	NS
Naphthalene	100	12
Nitrobenzene	NS	NS

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Brooklyn, New York

Parameter	Restricted - Residential Use (RRSCOs)[1]	Protection of Groundwater (PGWSCO)[1]
Semi-Volatile Organic Compunds (SVOCs) - mg/kg		
N-Nitroso-di-n-propylamine	NS	NS
N-Nitrosodiphenylamine	NS	NS
Pentachlorophenol	6.7	0.8
Phenanthrene	100	1000
Phenol	100	0.33
Pyrene	100	1000
Polychlorinated Biphenyls (PCBs) - mg/kg		
Aroclor - 1016	1	3.2
Aroclor - 1221	1	3.2
Aroclor - 1232	1	3.2
Aroclor - 1242	1	3.2
Aroclor - 1248	1	3.2
Aroclor - 1254	1	3.2
Aroclor - 1260	1	3.2
Pesicides/Herbicides - mg/kg		
2,4,5-TP Acid (Silvex)	100	3.8
4,4-DDD	13	14
4,4-DDE	8.9	17
4,4-DDT	7.9	136
Aldrin	0.097	0.19
alpha-BHC	0.48	0.02
beta-BHC	0.36	0.09
Chlordane (alpha)	4.2	2.9
delta-BHC	100	0.25
Dibenzofuran	59	210
Dieldrin	0.2	0.1
Endosulfan I	24	102
Endosulfan II	24	102
Endosulfan Sulfate	24	1000
Endrin	11	0.06
Endrin aldehyde	NS	NS
Endrin ketone	NS	NS
gamma-BHC	NS	NS
gamma-Chlordane	NS	NS
Heptachlor	2.1	0.38
Heptachlor epoxide	NS	NS
Lindane	1.3	0.1
Methoxychlor	NS	NS
Toxaphene	NS	NS

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Brooklyn, New York

Parameter	Restricted - Residential Use (RRSCOs)[1]	Protection of Groundwater (PGWSCO)[1]
Total Metals - mg/kg		
Aluminum	NS	NS
Antimony	NS	NS
Arsenic	16	16
Barium	400	820
Beryllium	72	47
Cadmium	4.3	7.5
Calcium	NS	NS
Chromium, hexavalent	110	19
Chromium, trivalent	180	NS
Cobalt	NS	NS
Copper	270	1,720
Cyanide	27	40
Iron	NS	NS
Lead	400	450
Magnesium	NS	NS
Manganese	2,000	2,000
Mercury	0.81	0.73
Nickel	310	130
Potassium	NS	NS
Selenium	180	4
Silver	180	8.3
Sodium	NS	NS
Thallium	NS	NS
Vanadium	NS	NS
Zinc	10,000	2,480

Notes:

1. Values per New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375.6.8(b): Restricted Use Soil Cleanup Objectives

RRSCO - Restricted Residential Soil Cleanup Objective

PGWSCO - Protection of Groundwater Soil Cleanup Objective

NS - Not specified

mg/kg - milligrams per kilogram

Table 2
Remedial Action Program Sampling Summary
Ebenezer Plaza 1 (BCP 224240)
Brooklyn, New York

Chemtech Project/SDG No.	Sampling Event	Sample Date(s)	Total No. of Samples	Sample Type (GW, Soil, Vapor)	QC (Yes/No)	Third Party Data Validation[1] (Yes/No)	LDC, Inc. DUSR No.	NYSDEC EIMS File No.
J4321	UST Impacted Soil Characterization	8/1/2018	1	Soil	No (results only)	No	na	
J4510	WC4 UST Characterization	8/15/2018	1	Soil	No (results only)	No	na	
J4586	WC7 240/275 gal UST Sludge Characterization	8/20/2018	2	Soil	No (results only)	No	na	
J4581	Q3 Post Excavation Endpoint Soil Sampling	8/20-8/21/2018	18	Soil	Yes (ASP Level B)	Yes	43724	
J4646	Q4 Post Excavation Endpoint Soil Sampling	8/23/2018	15	Soil	Yes (ASP Level B)	Yes	43724	
J4662	Impacted Soil D-7 Characterization	8/24/2018	1	Soil	No (results only)	No	na	
J4693	Pre-ISCO Soil Sampling (2018)	8/28 and 8/31/2018	24	Soil	Yes (ASP Level B)	Yes	43757	
J4724	UST Soil Characterization	8/29, 8/31, 9/7 & 9/21/2018	18	Soil	No (results only)	No	na	
J4803	Q2 Post-Excavation Endpoint Soil Sampling	9/4-9/5/2018	21	Soil	Yes (ASP Level B)	Yes	43757	
J4825	Waste Characterization for Clean Earth	9/6/2018	20	Soil	No (results only)	No	na	
J4848	Pre-ISCO1 Soil Sampling (2018)	9/7/2018	8	Soil	Yes (ASP Level B)	Yes	43724	
J4849	Pre-ISCO1 GW Sampling (2018)	9/7/2018	12	GW	Yes (ASP Level B)	Yes	43724	
J5066	Q1 Post Excavation Enpoint Soil Sampling	9/21/2018	16	Soil	Yes (ASP Level B)	Yes	43724	
J5165	Post ISCO1 Soil and GW (2018)	9/27 and 10/5/2018	25	Soil / GW	Yes (ASP Level B)	Yes	43724	
J5330	Excavation Dewatering	10/4-10/5/2018	2	GW	No (results only)	No	na	
J5481	Elevator Pit Waste Characterization	10/11/2018	1	Soil	No (results only)	No	na	
J5513	CBS UST Staging Area Confirmation	10/12/2018	2	Soil	No (results only)	No	na	
J6248	4UST Confirmation Sampling	12/5/2018	7	Soil / GW	Yes (ASP Level B)	Yes	45329	
J6411	Post ISCO1 Soil and GW (Dec 2018)	12/11-12/12/2018	20	Soil / GW	Yes (ASP Level B)	Yes	45329	
K2658	Pre-ISCO2 Soil and GW (2019)	5/1 and 5/3/2019	15	Soil / GW	Yes (ASP Level B)	Yes	45329	
K2976	Post-ISCO2 SoIl (2019)	5/20/2019	22	Soil	Yes (ASP Level B)	Yes	45329	
K2977	Post-ISCO2 Soil and GW (2019)	5/20/2019	14	Soil / GW	Yes (ASP Level B)	Yes	45329	
K4215	Post-ISCO2 GW (2019)	8/19/2019	4	GW	Yes (ASP Level B)	Yes	45329	

Notes:
1) Third party data validation performed by Laboratory Data Consultants, Inic. (LDC, Inc.)
DUSR - Data Usablity Summary Report
EIMS - Environmental Information Management System

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
7/5/2018	NJ AS-352F	1417685	*31.90*	700000915728
7/5/2018	NJ AU-194L	1417686	*28.21*	700000915642
7/5/2018	NJ AP-161M	1417687	*25.95*	700000915695
7/5/2018	NJ AR-438F	1417688	*28.47*	700000915654
7/5/2018	NJ AT-580Z	1417689	*28.47*	700000915676
7/5/2018	NJ AT-384Y	1417690	*26.18*	700000915688
7/5/2018	NJ AU-249D	1417691	*30.39*	700000915706
7/5/2018	NJ AU-421C	1417692	*29.31*	700000915719
7/5/2018	NJ AP-440M	1417693	*26.72*	700000915716
7/5/2018	NJ AU-607F	1417694	*29.98*	700000915721
7/5/2018	NY 59522 MK	1417695	*28.76*	700000915745
7/5/2018	NJ AS-811V	1417696	*30.00*	700000915755
7/5/2018	NJ AS-116B	1417707	*31.00*	700000915748
7/5/2018	NJ AS-740V	1417697	*28.51*	700000915758
7/5/2018	NJ AR-438F	1417698	*30.25*	700000916008
7/5/2018	NJ AU-194L	1417699	*30.64*	700000916038
7/5/2018	NJ AT-384Y	1417700	*27.87*	700000916050
7/5/2018	NJ AU-249D	1417701	*31.84*	700000916047
7/5/2018	NJ AP-161M	1417702	*32.86*	700000916086
7/5/2018	NJ AT-580Z	1417703	*30.15*	700000916084
7/5/2018	NJ AP-440M	1417704	*29.91*	700000916089
7/5/2018	NJ AU-421C	1417705	*30.67*	700000916102
7/5/2018	NJ AS-116B	1417706	*27.92*	700000916112
7/5/2018	NJ AS-811V	1576986	*29.82*	700000916118
7/5/2018	NJ AS-352F	1576987	*31.51*	700000916154
7/5/2018	NJ AU-607F	1576988	*30.15*	700000916143
7/5/2018	NJ AS-740V	1576989	*32.80*	700000916172
7/5/2018	NY 59522 MK	1576990	*30.69*	700000916178
7/5/2018	NJ AS-307C	1576991	*28.57*	700000916169
7/5/2018	NJ AS-579L	1576992	*26.39*	700000916184
7/6/2018	NJ AS-815Y	1576993	*28.43*	700000916356
7/6/2018	NJ AR-438F	1576994	*29.05*	700000916368
7/6/2018	NJ AT-781U	1577003	*26.90*	700000916462
7/6/2018	NJ AS-121E	1577002	*28.95*	700000916566
7/6/2018	NJ AP-440M	1577001	*30.08*	700000916487
7/6/2018	NJ AS-307C	1577000	*29.07*	700000916524
7/6/2018	NJ AT-862D	1576999	*31.27*	700000916488
7/6/2018	NJ AU-927B	1576998	*32.96*	700000916504
7/6/2018	NJ AS-599X	1576997	*33.84*	700000916518
7/6/2018	NJ AT-464M	1576996	*32.68*	700000916511
7/6/2018	NJ AT-631X	1576995	*32.34*	700000916547
7/6/2018	NJ AT-390M	1577004	*31.45*	700000916563
7/6/2018	NJ AV-123M	1577005	*29.87*	700000916607
7/6/2018	NJ AT-677J	1577006	*27.43*	700000916594
7/6/2018	NJ AT-597L	1577007	*28.15*	700000916753
7/6/2018	NJ AR-438F	1577008	*30.59*	700000916776
7/6/2018	NJ AT-781U	1577009	*28.87*	700000916806

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Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
7/6/2018	NJ AS-819B	1577010	*29.55*	700000916870
7/6/2018	NJ AT-464M	1577011	*33.76*	700000916819
7/6/2018	NJ AT-862D	1577012	*30.37*	700000916902
7/6/2018	NJ AU-121M	1577013	*31.43*	700000916896
7/6/2018	NJ AP-440M	1577014	*29.53*	700000916902
7/6/2018	NJ AT-119Z	1764658	*35.65*	700000916900
7/6/2018	NJ AU-122M	1764657	*31.77*	700000916914
7/6/2018	NJ AS-307C	1764656	*31.85*	700000916926
7/25/2018	NJ AU-194L	1764551	*31.57*	700000929905
7/25/2018	NJ AT-580Z	1764566	*35.11*	700000929906
7/25/2018	NJ AS-122L	1764552	*34.05*	700000929925
7/25/2018	NJ AU-976A	1764553	*32.01*	700000929919
7/25/2018	NJ AT-579Z	1764554	*35.73*	700000929931
7/25/2018	NJ AS-369X	1764555	*31.83*	700000929922
7/25/2018	NJ AS-859P	1764556	*32.63*	700000929976
7/25/2018	NJ AT-955Z	1764557	*31.97*	700000930000
7/25/2018	NJ AT-835X	1764558	*31.44*	700000930035
7/25/2018	NJ AS-368X	1764559	*31.62*	700000929982
7/25/2018	NJ AU-194L	1764560	*29.08*	700000930297
7/25/2018	NJ AT-580Z	1764561	*32.41*	700000930300
7/25/2018	NJ AS-369X	1764562	*34.04*	700000930303
7/25/2018	NJ AT-579Z	1764563	*32.94*	700000930311
7/25/2018	NJ AU-976A	1764564	*30.35*	700000930364
7/25/2018	NJ AS-859P	1764565	*30.86*	700000930367
7/25/2018	NJ AS-368X	1764567	*26.99*	700000930396
7/25/2018	NJ AT-955Z	1764568	*32.75*	700000930435
7/25/2018	NJ AT-835X	1764569	*31.73*	700000930444
7/26/2018	NJ AS-365X	1764570	*29.34*	700000930662
7/26/2018	NJ AS-352F	1764571	*32.77*	700000930739
7/26/2018	NJ AU-194L	1764572	*26.80*	700000930734
7/26/2018	NJ AT-580Z	1764573	*29.94*	700000930726
7/26/2018	NJ AS-369X	1764574	*29.60*	700000930731
7/26/2018	NJ AU-249D	1764575	*32.95*	700000930846
7/26/2018	NJ AU-716F	1764576	*29.72*	700000930852
7/26/2018	NJ AU-420C	1764577	*31.50*	700000930850
7/26/2018	NJ AU-607F	1764578	*29.56*	700000930879
7/26/2018	NJ AS-368X	1764579	*28.13*	700000930877
7/26/2018	NJ AS-365X	1764580	*33.41*	700000931181
7/26/2018	NJ AS-369X	1764581	*28.61*	700000931220
7/26/2018	NJ AS-352F	1764582	*33.04*	700000931254
7/26/2018	NJ AU-194L	1764583	*29.43*	700000931252
7/26/2018	NJ AT-580Z	1764584	*28.94*	700000931256
7/26/2018	NJ AU-420C	1764585	*31.23*	700000931292
7/26/2018	NJ AU-716F	1764586	*32.20*	700000931296
7/26/2018	NJ AU-607F	1764587	*33.27*	700000931298
7/26/2018	NJ AS-368X	1764588	*28.76*	700000931299
7/27/2018	NJ AU-194L	1764589	*28.76*	700000931508

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
7/27/2018	NJ AT-580Z	1764590	*29.86*	700000931507
7/27/2018	NJ AS-369X	1764591	*28.29*	700000931548
7/27/2018	NJ AU-249D	1764592	*29.73*	700000931655
7/27/2018	NJ AS-352F	1764593	*28.07*	700000931852
7/27/2018	NJ AU-716F	1764594	*30.74*	700000931662
7/27/2018	NJ AU-420C	1764595	*32.28*	700000931659
7/27/2018	NJ AU-607F	1764596	*28.63*	700000931624
7/27/2018	NJ AS-368X	1764597	*28.20*	700000931692
7/27/2018	NJ AU-194L	1764598	*27.65*	700000931986
7/27/2018	NJ AT-580Z	1764599	*30.89*	700000931981
7/27/2018	NJ AS-369X	1764600	*30.74*	700000931989
7/27/2018	NJ AU-607F	1764601	*31.78*	700000932072
7/27/2018	NJ AU-249D	1764602	*31.35*	700000932124
7/27/2018	NJ AS-368X	1764603	*26.68*	700000932162
7/27/2018	NJ AU-716F	1764604	*30.64*	700000932127
7/27/2018	NJ AU-420C	1764605	*30.23*	700000932129
7/30/2018	NJ AS-352F	1764606	*32.93*	700000932923
7/30/2018	NJ AT-580Z	1764607	*31.93*	700000932919
7/30/2018	NJ AU-607F	1764608	*31.22*	700000932891
7/30/2018	NJ AS-368X	1764609	*28.42*	700000932905
7/30/2018	NJ AU-722M	1764610	*28.59*	700000932853
7/30/2018	NJ AU-722M	1764611	*28.59*	700000933333
7/30/2018	NJ AU-607F	1764612	*30.39*	700000933368
7/30/2018	NJ AS-368X	1764613	*28.66*	700000933412
7/30/2018	NJ AS-352F	1764614	*32.39*	700000933465
7/30/2018	NJ AT-580Z	1764615	*30.74*	700000933475
7/30/2018	NJ AT-835X	1764616	*29.78*	700000933595
7/30/2018	NJ AS-317W	1764617	*31.15*	700000933591
7/30/2018	NJ AU-224A	1764618	*31.24*	700000933598
7/31/2018	NJ AT-862D	1764619	*27.23*	700000934013
7/31/2018	NJ AS-307C	1764620	*26.22*	700000934077
7/31/2018	NJ AT-863D	1764621	*28.05*	700000934082
7/31/2018	NJ AT-712B	1764622	*25.48*	700000934120
7/31/2018	NJ AT-710D	1764623	*30.52*	700000934121
7/31/2018	NJ AS-874P	1764624	*29.11*	700000934337
7/31/2018	NJ AT-862D	1764625	*25.34*	700000934417
7/31/2018	NJ AS-307C	1764626	*29.38*	700000934433
7/31/2018	NJ AT-863D	1764627	*26.80*	700000934431
7/31/2018	NJ AT-712B	1764628	*26.70*	700000934505
7/31/2018	NJ AS-710D	1764629	*27.99*	700000934550
7/31/2018	NJ AU-111F	1764630	*28.94*	700000935142
7/31/2018	NJ AS-579L	1764631	*30.70*	700000934568
7/31/2018	NJ AT-352D	1764632	*30.33*	700000934581
7/31/2018	NJ AS-488S	1764633	*30.70*	700000934584
8/1/2018	NJ AR-610G	1764634	*34.19*	700000934947
8/1/2018	NJ AS-401T	1764635	*35.07*	700000934990
8/1/2018	NJ AU-316D	1764650	*26.98*	700000934992

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/1/2018	NJ AS-488S	1764637	*31.74*	700000935022
8/1/2018	NJ AS-121E	1764636	*31.50*	700000934978
8/1/2018	NJ AS-424Y	1764638	*29.02*	700000935247
8/1/2018	NJ AT-781U	1764639	*27.96*	700000935264
8/1/2018	NJ AR-610G	1764640	*33.33*	700000935326
8/1/2018	NJ AS-121E	1764641	*31.06*	700000935312
8/1/2018	NJ AU-316D	1764642	*29.45*	700000935338
8/1/2018	NJ AS-488S	1764643	*32.33*	700000935433
8/1/2018	NJ AS-401T	1764644	*28.85*	700000935450
8/2/2018	NJ AU-195L	1764645	*30.42*	700000935841
8/2/2018	NJ AS-811V	1764647	*31.55*	700000935843
8/2/2018	NJ AT-580Z	1764646	*30.09*	700000935810
8/2/2018	NJ AT-579Z	1764649	*36.36*	700000935849
8/2/2018	NJ AS-352F	1764846	*32.32*	700000935834
8/2/2018	NJ AU-420C	1764648	*30.95*	700000935845
8/2/2018	NJ AT-464M	1764801	*28.93*	700000935848
8/2/2018	NJ AT-580Z	1764802	*30.33*	700000936234
8/2/2018	NJ AS-352F	1764803	*29.18*	700000936244
8/2/2018	NJ AU-195L	1764804	*29.32*	700000936284
8/2/2018	NJ AS-811V	1764805	*29.60*	700000936290
8/2/2018	NJ AU-420C	1764806	*29.40*	700000936259
8/2/2018	NJ AT-579Z	1764807	*32.17*	700000936324
8/2/2018	NJ AT-680D	1764808	*29.77*	700000936375
8/2/2018	NJ AS-816Y	1764809	*29.08*	700000936379
8/2/2018	NJ AS-317W	1764810	*29.78*	700000936396
8/2/2018	NJ AT-464M	1764811	*30.56*	700000936404
8/3/2018	NJ AS-307C	1764812	*29.42*	1045980
8/3/2018	NJ AT-778U	1764813	*27.40*	1046037
8/3/2018	NJ AS-425V	1764814	*30.18*	1045978
8/3/2018	NJ AR-610G	1764815	*33.36*	1046082
8/3/2018	NJ AS-319F	1764816	*25.44*	1046061
8/3/2018	NJ AT-780U	1764817	*27.16*	1046054
8/3/2018	NJ AT-779U	1764818	*23.96*	1046066
8/3/2018	NJ AT-782U	1764819	*28.62*	1046057
8/3/2018	NJ AS-121E	1764820	*28.97*	1046062
8/3/2018	NJ AT-781U	1764821	*28.04*	1046075
8/3/2018	NJ AU-316D	1667267	*27.65*	1046063
8/3/2018	NJ AS-424V	1667269	*28.74*	1046068
8/3/2018	NJ AT-862D	1667268	*27.55*	1046089
8/3/2018	NJ AS-401T	1667270	*30.17*	1046098
8/3/2018	NJ AS-622A	1667271	*28.49*	1046102
8/3/2018	NJ AS-425V	1667272	*31.94*	1046301
8/3/2018	NJ AS-307C	1667273	*32.27*	1046310
8/3/2018	NJ AT-778U	1667274	*30.45*	1046313
8/3/2018	NJ AU-316D	1667275	*30.72*	1046345
8/3/2018	NJ AS-121E	1667276	*30.06*	1046342
8/3/2018	NJ AT-781U	1667277	*29.07*	1046358

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/3/2018	NJ AT-779U	1667278	*25.81*	1046380
8/3/2018	NJ AS-319F	1667279	*27.13*	1046381
8/3/2018	NJ AT-780U	1667280	*27.56*	1046382
8/3/2018	NJ AT-782U	1667281	*28.14*	1046383
8/3/2018	NJ AS-424V	1667282	*31.18*	1046364
8/3/2018	NJ AR-610G	1667283	*32.53*	1046361
8/3/2018	NJ AS-410T	1667284	*29.78*	1046392
8/3/2018	NJ AS-622A	1667285	*30.70*	1046391
8/3/2018	NJ AT-862D	1667286	*30.37*	1046378
8/6/2018	NJ AT-579Z	1667287	*33.22*	1046689
8/6/2018	NJ AT-580Z	1667288	*32.72*	1046691
8/6/2018	NJ AT-835X	1667289	*32.16*	1046690
8/6/2018	NJ AT-780U	1667290	*31.15*	1046712
8/6/2018	NJ AS-425V	1667291	*33.47*	1046692
8/6/2018	NJ AS-352F	1667292	*31.65*	1046716
8/6/2018	NJ AT-782U	1667293	*28.11*	1046720
8/6/2018	NJ AS-319F	1667294	*26.93*	1046719
8/6/2018	NJ AU-224A	1667295	*32.85*	1047010
8/6/2018	NJ AS-317W	1667296	*31.00*	1046755
8/6/2018	NJ AT-249E	1667297	*28.79*	1046762
8/6/2018	NJ AP-440M	1667298	*29.65*	1046770
8/6/2018	NJ AU-111F	1667299	*29.93*	1046767
8/6/2018	NJ AU-607F	1667300	*32.40*	1046784
8/6/2018	NJ AT-862D	1667301	*26.22*	1046789
8/6/2018	NJ AS-622A	1667302	*30.36*	1046805
8/6/2018	NJ AS-488S	1667303	*32.13*	1046777
8/6/2018	NJ AT-781U	1667304	28.71	1046860
8/6/2018	NJ AS-425V	1667305	*33.54*	1046988
8/6/2018	NJ AT-835X	1667306	*32.51*	1047153
8/6/2018	NJ AT-780U	1667307	*28.13*	1047068
8/6/2018	NJ AT-782U	1306501	*28.63*	1047056
8/6/2018	NJ AS-317W	1306502	*32.12*	1047029
8/6/2018	NJ AT-579Z	1306503	*33.54*	1047059
8/6/2018	NJ AT-580Z	1306504	*26.36*	1047061
8/6/2018	NJ AT-249E	1306505	*30.79*	1047058
8/6/2018	NJ AS-352F	1306506	*30.27*	1047072
8/6/2018	NJ AU-111F	1306507	*31.53*	1047070
8/6/2018	NJ AS-488S	1306508	*33.53*	1047125
8/6/2018	NJ AP-440M	1306509	*31.28*	1047120
8/6/2018	NJ AU-607F	1306510	*32.35*	1047079
8/6/2018	NJ AS-622A	1306511	*30.53*	1047103
8/6/2018	NJ AS-811V	1744347	*30.07*	1047211
8/6/2018	NJ AT-781U	1744348	*30.61*	1047156
8/7/2018	NJ AS-873T	E0261250	*30.55*	1047447
8/7/2018	NJ AS-811V	E0261251	*31.94*	1047430
8/7/2018	NJ AS-116B	E0261252	*30.85*	1047426
8/7/2018	NJ AT-579Z	E0261253	*32.29*	1047451

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/7/2018	NJ AT-835X	E0261254	*32.40*	1047584
8/7/2018	NJ AS-874T	E0261255	*30.10*	1047427
8/7/2018	NJ AU-569C	E0261256	*28.29*	1047474
8/7/2018	NJ AU-567C	E0261257	*28.88*	1047480
8/7/2018	NJ AS-553B	E0261258	*30.27*	1047468
8/7/2018	NJ AS-147U	E0261259	*29.85*	1047461
8/7/2018	NJ AP-964K	E0261260	*27.08*	1047487
8/7/2018	NJ AS-574P	E0261261	*29.77*	1047477
8/7/2018	NJ AP-874C	E0261262	*26.32*	1047509
8/7/2018	NJ AU-224A	E0261263	*33.20*	1047506
8/7/2018	NJ AS-317W	E0261264	*30.86*	1047489
8/7/2018	NJ AU-231A	E0261265	*33.18*	1047528
8/7/2018	NJ AS-116B	E0261266	*31.67*	1047689
8/7/2018	NJ AS-811V	E0261267	*29.93*	1047693
8/7/2018	NJ AS-874T	E0261268	*29.12*	1047720
8/7/2018	NJ AT-579Z	E0261269	*30.25*	1047746
8/7/2018	NJ AS-147U	E0261270	*31.60*	1047741
8/7/2018	NJ AS-873T	E0261271	*20.65*	1047757
8/7/2018	NJ AS-574P	E0261272	*29.26*	1047767
8/7/2018	NJ AU-569C	E0261273	*31.49*	1047799
8/7/2018	NJ AU-567C	E0261274	*31.53*	1047810
8/7/2018	NJ AP-874C	E0261275	*30.16*	1047794
8/7/2018	NJ AP-964K	E0261276	*30.96*	1047800
8/7/2018	NJ AS-317W	E0261277	*31.42*	1047817
8/7/2018	NJ AU-224A	E0261278	*32.19*	1047821
8/7/2018	NJ AU-231A	E0261279	*31.41*	1047832
8/8/2018	NJ AU-692C	E0261281	*33.20*	1048150
8/8/2018	NJ AT-580Z	E0261282	*33.14*	1048169
8/8/2018	NJ AU-716F	E0261283	*32.03*	1048167
8/8/2018	NJ AU-722M	E0261284	*26.55*	1048170
8/8/2018	NJ AS-368X	E0261285	*22.95*	1048171
8/8/2018	NJ AU-692C	E0261286	*34.57*	1048468
8/8/2018	NJ AU-722M	E0261287	*31.19*	1048528
8/8/2018	NJ AS-368X	E0261288	*28.35*	1048475
8/8/2018	NJ AU-716F	E0261289	*31.15*	1048499
8/8/2018	NJ AT-580Z	E0261290	*35.61*	1048501
8/9/2018	NJ AS-116B	E0261291	*31.11*	1048769
8/9/2018	NJ AS-811V	E0261292	*31.14*	1048765
8/9/2018	NJ AU-191L	E0261293	*27.87*	1048811
8/9/2018	NJ AU-692C	E0261294	*33.20*	1048810
8/9/2018	NJ AS-307C	E0261295	*28.92*	1048798
8/9/2018	NJ AS-740V	E0261296	*34.24*	1048812
8/9/2018	NJ AT-579Z	E0261297	*30.12*	1048816
8/9/2018	NJ AU-249D	E0261298	*32.16*	1048818
8/9/2018	NJ AS-317W	E0261299	*31.63*	1048842
8/9/2018	NJ AU-224A	E0261300	*33.86*	1048835
8/9/2018	NJ AS-366X	E0261301	*29.98*	1048877

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/9/2018	NJ AS-125L	E0261302	*32.33*	1048894
8/9/2018	NJ AT-863D	E0261303	*27.99*	1048839
8/9/2018	NJ AT-781U	E0261304	*28.57*	1048869
8/9/2018	NJ AS-622A	E0261305	*28.28*	1048884
8/9/2018	NJ AR-611G	E0261306	*30.52*	1048889
8/9/2018	NJ AU-722M	E0261308	*28.03*	1048945
8/9/2018	NJ AS-488S	E0261307	*33.30*	1049006
8/9/2018	NJ AU-391N	E0261309	*32.21*	1049081
8/9/2018	NJ AS-116B	E0261310	*30.97*	1049079
8/9/2018	NJ AS-811V	E0261311	*31.00*	1049080
8/9/2018	NJ AS-307C	E0261312	*29.02*	1049134
8/9/2018	NJ AU-421C	E0261313	*32.82*	1049132
8/9/2018	NJ AU-692C	E0261314	*31.29*	1049127
8/9/2018	NJ AU-420C	E0261315	*28.62*	1049100
8/9/2018	NJ AU-191L	E0261316	*30.08*	1049169
8/9/2018	NJ AS-740V	E0261317	*31.68*	1049173
8/9/2018	NJ AS-317W	E0261318	*31.90*	1049187
8/9/2018	NJ AU-224A	E0261319	*32.46*	1049197
8/9/2018	NJ AU-249D	E0261320	*31.00*	1049255
8/9/2018	NJ AT-579Z	E0261321	*29.11*	1049252
8/9/2018	NJ AT-863D	E0261322	*29.04*	1049216
8/9/2018	NJ AT-781U	E0261323	*28.48*	1049244
8/9/2018	NJ AS-622A	E0261324	*32.06*	1049250
8/9/2018	NJ AS-369X	E0261325	*27.80*	1049248
8/9/2018	NJ AR-611G	E0261326	*27.90*	1049263
8/9/2018	NJ AU-722M	E0261327	*29.43*	1049300
8/10/2018	NJ AU-194L	E0261328	*28.34*	1049464
8/10/2018	NJ AU-692C	E0261329	*32.17*	1049537
8/10/2018	NJ AU-607F	E0261330	*30.62*	1049850
8/10/2018	NJ AT-995Z	E0261331	*31.23*	1049849
8/10/2018	NJ AS-369X	E0261332	*31.06*	1049515
8/10/2018	NJ AT-835X	E0261333	*29.92*	1049528
8/10/2018	NJ AU-722M	E0261334	*27.76*	1049605
8/10/2018	NJ AS-368X	E0261335	*27.30*	1049549
8/10/2018	NJ AU-195L	E0261336	*28.92*	1049557
8/10/2018	NJ AU-194L	E0261337	*30.75*	1049778
8/10/2018	NJ AS-369X	E0261338	*27.92*	1049848
8/10/2018	NJ AU-716F	E0261339	*30.89*	1049871
8/10/2018	NJ AT-580Z	E0261340	*33.37*	1049873
8/10/2018	NJ AU-692C	E0261341	*31.04*	1049894
8/10/2018	NJ AS-368X	E0261342	*28.81*	1049907
8/10/2018	NJ AU-195L	E0261343	*30.49*	1049912
8/10/2018	NJ AU-976F	E0261344	*31.16*	1049964
8/10/2018	NJ AS-352F	E0261345	*32.78*	1049966
8/10/2018	NJ AS-116B	E0261346	*32.08*	1049958
8/10/2018	NJ AS-811V	E0261347	*32.01*	1049960
8/10/2018	NJ AU-722M	E0261348	*26.14*	1049962

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/10/2018	NJ AS-740V	E0261349	*30.95*	1049951
8/11/2018	NJ AU-420C	1726158	*32.17*	1050028
8/11/2018	NJ AS-811V	1726159	*32.55*	1050033
8/11/2018	NJ AS-307C	1726160	*32.44*	1050037
8/11/2018	NJ AT-955Z	1726161	*36.30*	1050044
8/11/2018	NJ AT-464M	1726162	*32.96*	1050038
8/11/2018	NJ AT-191L	1726163	*28.59*	1050056
8/11/2018	NJ AU-418C	1726164	*35.27*	1050069
8/11/2018	NJ AU-194L	1726165	*28.48*	1050061
8/11/2018	NJ AS-368X	1726166	*29.01*	1050063
8/11/2018	NJ AS-365X	1726167	*36.15*	1050059
8/11/2018	NJ AT-782U	1726168	*26.88*	1050055
8/11/2018	NJ AU-224A	1726169	*30.39*	1050066
8/11/2018	NJ AU-421C	1726170	*33.44*	1050064
8/11/2018	NJ AS-366X	1726171	*29.45*	1050068
8/11/2018	NJ AU-417C	1726172	*32.95*	1050071
8/11/2018	NJ AS-424V	1726173	*28.98*	1050070
8/11/2018	NJ AS-369X	1726174	*35.07*	1050088
8/11/2018	NJ AS-125L	1726175	*32.24*	1050078
8/11/2018	NJ AU-692C	1726176	*33.69*	1050076
8/11/2018	NJ AS-401T	1726177	*28.22*	1050074
8/11/2018	NJ AS-736S	1726178	*28.32*	1050081
8/11/2018	NJ AU-210J	1726179	*29.83*	1050079
8/11/2018	NJ AR-602H	1726180	*35.50*	1050102
8/11/2018	NJ AT-853D	1726181	*32.46*	1050096
8/11/2018	NJ AT-580Z	1726182	*31.89*	1050089
8/11/2018	NJ AP-733A	1726183	*30.42*	1050087
8/11/2018	NJ AU-716F	1726184	*31.67*	1050090
8/11/2018	NJ AS-488S	1726185	*32.96*	1050084
8/11/2018	NJ AT-579Z	1726186	*32.69*	1050093
8/11/2018	NJ AT-384Y	1726187	*29.74*	1050097
8/11/2018	NJ AS-121E	1726188	*34.20*	1050101
8/11/2018	NJ AT-713B	1726189	*29.45*	1050105
8/11/2018	NJ AS-425V	1726190	*35.48*	1050091
8/11/2018	NJ AU-111F	1726191	*30.76*	1050098
8/11/2018	NJ AT-779U	1726192	*33.83*	1050104
8/11/2018	NJ AT-352B	1726193	*32.85*	1050099
8/11/2018	NJ AU-246F	1726194	*33.58*	1050114
8/11/2018	NJ AS-622A	1726195	*32.84*	1050108
8/11/2018	NJ AS-317W	1726196	*36.49*	1050103
8/11/2018	NJ AT-353D	1726197	*31.95*	1050109
8/11/2018	NJ AS-815Y	1726198	*28.73*	1050106
8/11/2018	NJ AS-816Y	1726199	*32.59*	1050117
8/11/2018	NJ AT-565M	1726200	*33.25*	1050119
8/11/2018	NJ AU-420C	1726201	*30.92*	1050120
8/11/2018	NJ AS-811V	1726202	*33.60*	1050121
8/11/2018	NJ AS-307C	1726203	*32.06*	1050125

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/11/2018	NJ AT-955Z	1726204	*32.08*	1050129
8/11/2018	NJ AU-976A	1726205	*30.03*	1050128
8/11/2018	NJ AT-464M	1726206	*31.82*	1050126
8/11/2018	NJ AU-191L	1726207	*30.55*	1050134
8/11/2018	NJ AS-368X	1726208	*30.88*	1050130
8/11/2018	NJ AT-835X	1726209	*34.37*	1050135
8/11/2018	NJ AU-421C	1726210	*30.87*	1050136
8/11/2018	NJ AU-224A	1726211	*33.71*	1050131
8/11/2018	NJ AU-418C	1726212	*32.38*	1050142
8/11/2018	NJ AU-417C	1726213	*29.80*	1050141
8/11/2018	NJ AS-740V	1726214	*28.62*	1050137
8/11/2018	NJ AU-210J	1726215	*30.16*	1050139
8/11/2018	NJ AS-710D	1726216	*33.48*	1050238
8/13/2018	NJ AU-194L	1726217	*29.15*	1050309
8/13/2018	NJ AU-692L	1726218	*32.70*	1050349
8/13/2018	NJ AT-465M	1726219	*30.43*	1050352
8/13/2018	NJ AS-125L	1726220	*28.46*	1050346
8/13/2018	NJ AS-352F	1726221	*30.79*	1050362
8/13/2018	NJ AU-716F	1726222	*32.43*	1050420
8/13/2018	NJ AT-580Z	1726223	*33.22*	1050418
8/13/2018	NJ AU-976A	1726224	*29.05*	1050365
8/13/2018	NJ AU-224A	1726225	*33.32*	1050374
8/13/2018	NJ AS-740V	1726226	*30.35*	1050400
8/13/2018	NJ AS-369X	1726227	*29.46*	1050419
8/13/2018	NJ AT-835X	1726228	*31.65*	1050388
8/13/2018	NJ AT-579Z	1726229	*30.16*	1050396
8/13/2018	NJ AU-421C	1726230	*29.21*	1050416
8/13/2018	NJ AU-607F	1726231	*29.56*	1050403
8/13/2018	NJ AU-195L	1726232	*25.69*	1050421
8/13/2018	NJ AU-722M	1726233	*27.83*	1050471
8/13/2018	NJ AS-368X	1726234	*26.91*	1050437
8/13/2018	NJ AS-317W	1726235	*30.78*	1050426
8/13/2018	NJ AU-420C	1726236	*32.79*	1050431
8/13/2018	NJ AP-733S	1726237	*33.08*	1050578
8/13/2018	NJ AT-955C	1726238	*29.76*	1050570
8/13/2018	NJ AU-194L	1726239	*30.06*	1050574
8/13/2018	NJ AT-465M	1726240	*30.92*	1050594
8/13/2018	NJ AU-224A	1726241	*33.73*	1050670
8/13/2018	NJ AU-976A	1726242	*33.66*	1050613
8/13/2018	NJ AU-692C	1726243	*34.87*	1050615
8/13/2018	NJ AS-125l	1726244	*30.78*	1050621
8/13/2018	NJ At-579z	1726245	*32.26*	1050611
8/13/2018	NJ AT-835X	1726246	*33.09*	1050624
8/13/2018	NJ AU-607F	1726247	*28.28*	1050636
8/13/2018	NJ AU-421C	1726248	*35.00*	1050641
8/13/2018	NJ AS-352F	1726249	*33.04*	1050649
8/13/2018	NJ AU-195L	1726250	*31.15*	1050661

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/13/2018	NJ AS-369X	1726251	*28.19*	1050651
8/13/2018	NJ AT-580Z	1726252	*33.18*	1050673
8/13/2018	NJ AU-716F	1726253	*32.27*	1050678
8/13/2018	NJ AS-317W	1726254	*35.15*	1050683
8/13/2018	NJ AU-420C	1726255	*33.49*	1050681
8/13/2018	NJ AS-368X	1726256	*30.00*	1050688
8/13/2018	NJ AU-722M	1726257	*27.73*	1050719
8/14/2018	NJ AT-116C	1306512	*30.58*	1050901
8/14/2018	NJ AT-579Z	1306513	*30.24*	1050891
8/14/2018	NJ AU-246F	1306514	*29.19*	1050895
8/14/2018	NJ AU-867H	1306515	*30.47*	1050888
8/14/2018	NJ AU-195L	1577015	*29.86*	1050921
8/14/2018	NJ AU-722M	1577016	*23.90*	1050924
8/14/2018	NJ AS-813M	1577017	*29.96*	1050905
8/14/2018	NJ AT-955Z	1726258	*30.33*	1050835
8/14/2018	NJ AS-125L	1726259	*21.60*	1050992
8/14/2018	NJ AS-369X	1726260	*30.50*	1050870
8/14/2018	NJ AU-716F	1726261	*31.93*	1050864
8/14/2018	NJ AU-224A	1726262	*33.15*	1050857
8/14/2018	NJ AT-835X	1726263	*32.01*	1050876
8/14/2018	NJ AT-465M	1726264	*33.19*	1050825
8/14/2018	NJ AU-692C	1726265	*34.33*	1050810
8/14/2018	NJ AU-194L	1726266	*28.97*	1050803
8/14/2018	NJ AT-580Z	1744345	*35.33*	1050879
8/14/2018	NJ AU-420C	1744346	*32.05*	1050896
8/14/2018	NJ AS-317W	1744349	*31.68*	1050894
8/14/2018	NJ AU-607F	E0261983	*29.25*	1050926
8/14/2018	NJ AS-368X	EO261984	*27.57*	1050920
8/14/2018	NJ AU-391N	EO261985	*28.62*	1050969
8/14/2018	NJ AU-389N	EO261986	*32.57*	1050984
8/14/2018	NJ AS-815Y	EO261987	*29.64*	1050937
8/14/2018	NJ AT-680D	EO261988	*30.00*	1050942
8/14/2018	NJ AU-716F	EO262023	*31.99*	1051116
8/14/2018	NJ AT-835X	EO262024	*31.58*	1051117
8/14/2018	NJ AU-224A	EO262025	*32.60*	1051114
8/14/2018	NJ AU-692C	EO262026	*33.47*	1051113
8/14/2018	NJ AT-860D	EO262027	*32.27*	1051095
8/14/2018	NJ AS-815Y	EO262028	*31.84*	1051094
8/14/2018	NJ AU-722M	EO262029	*29.29*	1051098
8/14/2018	NJ AU-607F	EO262030	*31.09*	1051085
8/14/2018	NJ AU-195L	EO262031	*29.92*	1051076
8/14/2018	NJ AU-368X	EO262032	*27.36*	1051069
8/14/2018	NJ AU-246F	EO262033	*31.82*	1051080
8/14/2018	NJ AU-687H	EO262034	*27.67*	1051073
8/14/2018	NJ AT-116L	EO262035	*32.40*	1051064
8/14/2018	NJ AS-813M	EO262036	*26.66*	1051065
8/14/2018	NJ AU-420C	EO262037	*31.36*	1051058

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/14/2018	NJ AS-710D	EO262038	*31.51*	1051063
8/14/2018	NJ AS-369X	EO262039	*29.50*	1051049
8/14/2018	NJ AT-580Z	EO262040	*32.93*	1051038
8/14/2018	NJ AU-716F	EO262041	*33.59*	1051033
8/14/2018	NJ AT-955Z	EO262042	*28.79*	1051037
8/14/2018	NJ AU-224A	EO262043	*34.54*	1051027
8/14/2018	NJ AT-465M	EO262044	*32.27*	1051041
8/14/2018	NJ AU-692C	EO262045	*32.31*	1051005
8/14/2018	NJ AU-194L	EO262046	*29.09*	1051015
8/15/2018	NJ AU-194L	EO261989	*31.71*	1051264
8/15/2018	NJ AT-465M	EO261990	*32.61*	1051262
8/15/2018	NJ AT-580Z	EO261991	*33.12*	1051278
8/15/2018	NJ AU-967A	EO261992	*30.25*	1051283
8/15/2018	NJ AU-224A	EO261993	*37.74*	1051257
8/15/2018	NJ AU-716F	EO261994	*32.79*	1051304
8/15/2018	NJ AU-692C	EO261995	*33.52*	1051284
8/15/2018	NJ AT-579Z	EO261996	*29.78*	1051302
8/15/2018	NJ AS-369X	EO261997	*30.00*	1051300
8/15/2018	NJ AU-420C	EO261998	*32.67*	1051298
8/15/2018	NJ AS-317W	EO261999	*32.02*	1051294
8/15/2018	NJ AT-835X	EO262000	*31.88*	1051301
8/15/2018	NJ AT-955Z	EO262001	*29.02*	1051310
8/15/2018	NJ AS-722M	EO262002	*27.19*	1051389
8/15/2018	NJ AS-368X	EO262003	*27.23*	1051327
8/15/2018	NJ AU-224A	EO262004	*33.06*	1051476
8/15/2018	NJ AT-540Z	EO262005	*31.31*	1051491
8/15/2018	NJ AU-420C	EO262006	*33.42*	1051514
8/15/2018	NJ AU-692C	EO262007	*31.13*	1051518
8/15/2018	NJ AT-835X	EO262008	*32.70*	1051502
8/15/2018	NJ AS-369X	EO262009	*32.40*	1051536
8/15/2018	NJ AT-579Z	EO262010	*36.18*	1051538
8/15/2018	NJ AU-716F	EO262011	*34.27*	1051533
8/15/2018	NJ AT-955Z	EO262012	*29.18*	1051557
8/15/2018	NJ AS-368X	EO262013	*28.06*	1051584
8/15/2018	NJ AU-722M	EO262014	*28.60*	1051683
8/15/2018	NJ AU-224A	EO262015	*34.96*	1051690
8/15/2018	NJ AT-580Z	EO262016	*35.63*	1051689
8/15/2018	NJ AT-835X	EO262017	*32.44*	1051695
8/16/2018	NJ AU-191L	E0262018	*29.32*	1051856
8/16/2018	NJ AU-692C	E0262019	*31.46*	1051863
8/16/2018	NJ AT-465M	E0262020	*30.84*	1051869
8/16/2018	NJ AT-580Z	E0262021	*32.24*	1051853
8/16/2018	NJ AT-579Z	E0262022	*33.91*	1051875
8/16/2018	NJ AU-716F	E0262047	*30.33*	1051871
8/16/2018	NJ AU-224A	E0262048	*31.80*	1051865
8/16/2018	NJ AU-420C	E0262049	*33.08*	1051919
8/16/2018	NJ AS-317W	E0262050	*31.81*	1051915

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/16/2018	NJ AT-835X	E0262051	*31.51*	1051894
8/16/2018	NJ AS-369X	E0262052	*32.53*	1051897
8/16/2018	NJ AU-867H	E0262053	*28.92*	1051918
8/16/2018	NJ AU-868H	E0262054	*31.62*	1051954
8/16/2018	NJ AU-195L	E0262055	*29.41*	1051912
8/16/2018	NJ AT-955Z	E0262056	*27.62*	1051932
8/16/2018	NJ AU-607F	E0262057	*31.96*	1051955
8/16/2018	NJ AU-722M	E0262058	*30.22*	1051987
8/16/2018	NJ AS-368X	E0262059	*27.45*	1051948
8/16/2018	NJ AS-815Y	E0262060	*32.17*	1051935
8/16/2018	NJ AT-680D	E0262061	*28.11*	1052084
8/16/2018	NJ AT-580Z	E0262062	*33.21*	1052112
8/16/2018	NJ AU-224A	E0262063	*32.07*	1052123
8/16/2018	NJ AU-194L	E0262064	*27.95*	1052130
8/16/2018	NJ AU-692C	E0262065	*33.53*	1052144
8/16/2018	NJ AT-579Z	E0262066	*34.45*	1052141
8/16/2018	NJ AU-716F	E0262067	*32.27*	1052139
8/16/2018	NJ AT-835X	E0262068	*33.36*	1052147
8/16/2018	NJ AS-369X	E0262069	*29.73*	1052154
8/16/2018	NJ AU-195L	E0262070	*29.35*	1052195
8/16/2018	NJ AU-420C	E0262071	*32.37*	1052193
8/16/2018	NJ AU-607F	E0262072	*30.31*	1052205
8/16/2018	NJ AS-368X	E0262073	*26.12*	1052235
8/16/2018	NJ AU-722M	E0262074	*27.75*	1052298
8/16/2018	NJ AT-478D	E0262075	*27.88*	1052292
8/16/2018	NJ AS-553B	E0262076	*30.10*	1052334
8/16/2018	NJ AU-207K	E0262077	*33.31*	1052337
8/16/2018	NJ AT-680D	E0262078	*31.07*	1052324
8/16/2018	NJ AT-580Z	E0262079	*33.89*	1052333
8/16/2018	NJ AU-224A	E0262080	*33.82*	1052338
8/16/2018	NJ AT-579Z	E0262081	*30.24*	1052347
8/16/2018	NJ AU-716F	E0262082	*32.80*	1052346
8/17/2018	NJ AU-607F	1726319	*32.74*	1053024
8/17/2018	NJ AS-816Y	1726320	*31.00*	1052970
8/17/2018	NJ AT-465N	1726321	*33.73*	1052969
8/17/2018	NJ AT-465M	1726322	*31.07*	1052932
8/17/2018	NJ AS-815Y	1726323	*30.20*	1052927
8/17/2018	NJ AU-867H	1726324	*30.82*	1052918
8/17/2018	NJ AT-579Z	1726325	*32.06*	1052884
8/17/2018	NJ AU-121C	1726326	*32.54*	1052929
8/17/2018	NJ AU-976A	1726327	*33.22*	1052931
8/17/2018	NJ AT-680D	1726328	*29.55*	1052868
8/17/2018	NJ AU-722M	1726329	*27.25*	1052871
8/17/2018	NJ AS-976A	1726330	*25.93*	1052836
8/17/2018	NJ AU-420C	1726331	*30.27*	1052815
8/17/2018	NJ AS-368X	1726332	*27.19*	1052816
8/17/2018	NJ AU-607F	1726333	*31.16*	1052790

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/17/2018	NJ AS-369X	1726334	*28.45*	1052799
8/17/2018	NJ AU-224A	1726335	*33.48*	1052793
8/17/2018	NJ AU-716F	1726336	*27.94*	1052774
8/17/2018	NJ AT-580Z	1726337	*33.26*	1052781
8/17/2018	NJ AU-692C	1726338	*32.00*	1052777
8/17/2018	NJ AU-191L	1726339	*27.54*	1052776
8/17/2018	NJ AS-815Y	1726340	*31.59*	1052677
8/17/2018	NJ AS-816Y	1726341	*27.63*	1052699
8/17/2018	NJ AT-465M	1726342	*33.35*	1052687
8/17/2018	NJ AT-680D	1726343	*30.03*	1052637
8/17/2018	NJ AS-368X	1726344	*25.90*	1052581
8/17/2018	NJ AU-607F	1726345	*29.33*	1052546
8/17/2018	NJ AU-722M	1726346	*28.73*	1052605
8/17/2018	NJ AS-317W	1726347	*32.03*	1052561
8/17/2018	NJ AU-420C	1726348	*32.22*	1052567
8/17/2018	NJ AS-369X	1726349	*29.27*	1052539
8/17/2018	NJ AT-835X	1726350	*33.09*	1052784
8/17/2018	NJ AU-224A	1726351	*32.28*	1052532
8/17/2018	NJ AS-976A	1726352	*27.88*	1052573
8/17/2018	NJ AT-580Z	1726353	*31.21*	1052526
8/17/2018	NJ AT-579Z	1726354	*32.61*	1052531
8/17/2018	NJ AU-716F	1726355	*30.22*	1052528
8/17/2018	NJ AU-692C	1726356	*31.92*	1052509
8/17/2018	NJ AU-191L	1726357	*28.57*	1052503
8/18/2018	NJ R626575	1726267	*29.63*	1053060
8/18/2018	NJ AU-692C	1726268	*32.49*	1053056
8/18/2018	NJ AS-811V	1726269	*29.74*	1053062
8/18/2018	NJ AU-557D	1726270	*33.11*	1053074
8/18/2018	NJ AS-712W	1726271	*33.85*	1053076
8/18/2018	MJ AS-116B	1726272	*30.05*	1053091
8/18/2018	NJ AT-679X	1726273	*34.03*	1053067
8/18/2018	NJ AU-418C	1726274	*31.18*	1053078
8/18/2018	NJ AU-417C	1726275	*34.37*	1053085
8/18/2018	NJ AT-207X	1726276	*33.32*	1053082
8/18/2018	NJ AS-368X	1726277	*29.48*	1053079
8/18/2018	NJ AS-365X	1726278	*29.77*	1053090
8/18/2018	NJ AU-195L	1726279	*31.81*	1053084
8/18/2018	NJ AS-317W	1726280	*31.54*	1053086
8/18/2018	NJ AU-420C	1726281	*29.58*	1053089
8/18/2018	NJ AT-835X	1726282	*29.29*	1053088
8/18/2018	NJ AS-125L	1726283	*31.17*	1053093
8/18/2018	NJ AU-191L	1726284	*29.75*	1053104
8/18/2018	NJ AR-274B	1726285	*27.29*	1053094
8/18/2018	NJ AU-207K	1726286	*32.00*	1053097
8/18/2018	NJ AU-716F	1726287	*31.82*	1053102
8/18/2018	NJ AT-579Z	1726288	*31.94*	1053103
8/18/2018	NJ AU-224A	1726289	*33.13*	1053098

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/18/2018	NJ AU-170L	1726290	*29.29*	1053123
8/18/2018	NJ AU-171L	1726291	*28.79*	1053124
8/18/2018	NJ AT-461Y	1726292	*26.53*	1053110
8/18/2018	NJ AU-845H	1726293	*30.81*	1053113
8/18/2018	NJ AU-514L	1726294	*35.10*	1053115
8/18/2018	NJ AU-100F	1726295	*29.07*	1053116
8/18/2018	NJ AT-712V	1726296	*28.92*	1053120
8/18/2018	NJ AU-163G	1726297	*29.29*	1053112
8/18/2018	NJ AU-976A	1726298	*32.47*	1053119
8/18/2018	NJ AT-285F	1726299	*26.48*	1053117
8/18/2018	NJ AU-530B	1726300	*31.58*	1053130
8/18/2018	NJ AU-421C	1726301	*35.62*	1053118
8/18/2018	NJ AS-859P	1726302	*29.97*	1053122
8/18/2018	NJ AT-446Z	1726303	*31.93*	1053128
8/18/2018	NJ AR-349C	1726304	*32.64*	1053121
8/18/2018	NJ AU-907C	1726305	*29.76*	1053111
8/18/2018	NJ AT-871H	1726306	*27.38*	1053125
8/18/2018	NJ AS-922P	1726307	*25.31*	1053138
8/18/2018	NJ AT-379W	1726308	*30.58*	1053153
8/18/2018	NJ AS-740V	1726309	*27.70*	1053136
8/18/2018	NJ AU-722M	1726310	*33.12*	1053132
8/18/2018	NJ AU-464M	1726311	*30.04*	1053131
8/18/2018	NJ AS-815Y	1726312	*27.81*	1053135
8/18/2018	NJ AS-369X	1726313	*29.36*	1053146
8/18/2018	NJ AS-710D	1726314	*32.12*	1053134
8/18/2018	NJ AU-607F	1726315	*33.94*	1053156
8/18/2018	NJ AT-113L	1726316	*29.08*	1053148
8/18/2018	NJ R626575	1726317	*31.74*	1053150
8/18/2018	NJ AU-692C	1726318	*32.74*	1053024
8/18/2018	NJ AS-811V	1775287	*33.72*	1053154
8/18/2018	NJ AT-679X	1775288	*27.01*	1053151
8/18/2018	NJ AL-794W	1775289	*29.83*	1053155
8/18/2018	NJ AS-712W	1775290	*32.46*	1053158
8/18/2018	NJ AU-557D	1775291	*36.98*	1053159
8/18/2018	NJ AU-418C	1775292	*31.26*	1053160
8/18/2018	NJ AU-417C	1775293	*32.98*	1053162
8/18/2018	NJ AT-207Y	1775294	*29.58*	1053163
8/18/2018	NJ AS-125L	1775295	*30.83*	1053161
8/18/2018	NJ AU-845H	1775296	*31.44*	1053195
8/20/2018	NJ AU-191L	1775297	*27.77*	1053325
8/20/2018	NJ AU-692C	1775298	*32.14*	1053363
8/20/2018	NJ AT-465M	1775299	*30.28*	1053365
8/20/2018	NJ AT-580Z	1775300	*33.54*	1053369
8/20/2018	NJ AU-418C	1775301	*29.11*	1053406
8/20/2018	NJ AT-207Y	1775302	*34.06*	1053428
8/20/2018	NJ AU-224A	1775303	*33.20*	1053407
8/20/2018	NJ AU-417C	1775304	*32.21*	1053431

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/20/2018	NJ AU-716F	1775305	*33.01*	1053458
8/20/2018	NJ AT-579Z	1775306	*32.78*	1053456
8/20/2018	NJ AS-365X	1775307	*30.68*	1053442
8/20/2018	NJ AT-835X	1775308	*33.79*	1053475
8/20/2018	NJ AU-420C	1775309	*30.92*	1053476
8/20/2018	NJ R626575	1775310	*28.55*	1053481
8/20/2018	NJ AU-722M	1775311	*28.33*	1053510
8/20/2018	NJ AS-369X	1775312	*30.68*	1053507
8/20/2018	NJ AS-368X	1775313	*25.09*	1053491
8/20/2018	NJ AU-607F	1775314	*29.36*	1053506
8/20/2018	NJ AS-815Y	1775315	*32.27*	1053499
8/20/2018	NJ AT-680D	1775316	*32.50*	1053501
8/20/2018	NJ AU-195L	1775317	*29.07*	1053523
8/20/2018	NJ AU-191L	1775318	*30.28*	1053613
8/20/2018	NJ AT-580Z	1775319	*32.92*	1053633
8/20/2018	NJ AU-692C	1775320	*31.98*	1053632
8/20/2018	NJ AU-224A	1775321	*35.26*	1053674
8/20/2018	NJ AT-478D	1775322	*26.84*	1053723
8/20/2018	NJ AU-418C	1775323	*30.07*	1053717
8/20/2018	NJ AT-636U	1775324	*30.28*	1053733
8/20/2018	NJ AT-207Y	1775325	*34.93*	1053753
8/20/2018	NJ AU-417C	1775326	*30.13*	1053757
8/20/2018	NJ AT-285F	1775327	*28.94*	1053742
8/20/2018	NJ AT-579Z	1775328	*32.88*	1053771
8/20/2018	NJ AU-716F	1775329	*28.70*	1053779
8/20/2018	NJ AU-420C	1775330	*31.73*	1053764
8/20/2018	NJ AT-835X	1775331	*31.27*	1053775
8/20/2018	NJ R626575	1775332	*29.45*	1053776
8/20/2018	NJ AS-368X	1775333	*24.71*	1053797
8/20/2018	NJ AU-607F	1775334	*33.33*	1053790
8/20/2018	NJ AS-365X	1775335	*29.37*	1053810
8/20/2018	NJ AT-680D	1775336	*31.97*	1053801
8/20/2018	NJ AT-369X	1775337	*29.99*	1053817
8/20/2018	NJ AU-195L	1775338	*31.07*	1053815
8/20/2018	NJ AU-722M	1775339	*28.55*	1053844
8/20/2018	NJ AU-567C	1775340	*31.27*	1053866
8/20/2018	NJ AT-580Z	1775341	*33.92*	1053864
8/20/2018	NJ AU-692C	1775342	*33.17*	1053867
8/20/2018	NJ AU-224A	1775343	*31.55*	1053870
8/21/2018	NJ AU-530B	1726300	*31.63*	1053944
8/21/2018	NJ AU-191L	1764654	*30.87*	700000949503
8/21/2018	NJ AU-692C	1764653	*35.62*	700000949526
8/21/2018	NJ AT-580Z	1764652	*33.47*	700000949520
8/21/2018	NJ AT-579Z	1764651	*33.65*	700000949518
8/21/2018	NJ AS-369X	1764660	*31.31*	700000949602
8/21/2018	NJ AS-813M	1764661	*31.31*	700000949544
8/21/2018	NJ AU-607F	1764662	*31.13*	700000949597

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/21/2018	NJ AU-716F	1764664	*32.63*	700000949608
8/21/2018	NJ R626575	1764665	*29.73*	700000949615
8/21/2018	NJ AS-368X	1764666	*30.30*	700000949621
8/21/2018	NJ AU-722M	1764663	*28.56*	700000949623
8/21/2018	NJ AS-317W	1775368	*29.38*	1054156
8/21/2018	NJ AU-195L	1764659	*31.14*	700000949507
8/21/2018	NJ AU-420C	1775387	*31.72*	1054153
8/21/2018	NJ AT-835X	1775385	*30.77*	1054152
8/21/2018	NJ AS-815Y	1775386	*30.61*	1054146
8/21/2018	NJ AT-680D	1775384	*27.40*	1054168
8/21/2018	NJ AT-464M	1775383	*34.04*	1054193
8/21/2018	NJ AT-437T	1775382	*29.40*	1054206
8/21/2018	NJ AS-816Y	1775381	*28.50*	1054200
8/21/2018	NJ AU-224A	1775380	*33.05*	1054187
8/21/2018	NJ AU-246F	1764667	*30.50*	700000949832
8/21/2018	NJ AS-120W	1764669	*29.31*	700000949794
8/21/2018	NJ AT-579Z	1764670	*32.25*	700000949812
8/21/2018	NJ AT-580Z	1764671	*32.76*	700000949808
8/21/2018	NJ AT-116L	1764668	*31.06*	700000949835
8/21/2018	NJ AU-195L	1764672	*32.63*	700000949834
8/21/2018	NJ AU-191L	1764673	*31.28*	700000949873
8/21/2018	NJ AS-710D	1764674	*31.74*	700000949884
8/21/2018	NJ AU-607F	1764703	*30.33*	700000949868
8/21/2018	NJ R626575	1764702	*29.44*	700000949876
8/21/2018	NJ AS-369X	1764701	*31.35*	700000949910
8/21/2018	NJ AU-716F	1764700	*29.25*	700000949916
8/21/2018	NJ AS-368X	1764699	*26.42*	700000949954
8/21/2018	NJ AU-722M	1764698	*28.34*	700000949993
8/21/2018	NJ AS-317W	1764697	*31.25*	700000949970
8/21/2018	NJ AU-420C	1764695	*31.13*	700000949974
8/21/2018	NJ AT-835X	1764696	*31.60*	700000950023
8/21/2018	NJ AU-224A	1764694	*32.60*	700000949987
8/21/2018	NJ AT-437T	1764693	*29.74*	700000950018
8/21/2018	NJ AT-579Z	1764692	*32.20*	700000950102
8/21/2018	NJ AT-580Z	1764691	*33.29*	700000950098
8/21/2018	NJ AU-195L	1764689	*28.15*	700000950124
8/21/2018	NJ AS-420W	1764690	*30.02*	700000950121
8/21/2018	NJ AT-116L	1764688	*30.24*	700000950127
8/21/2018	NJ AU-246F	1764687	*29.33*	700000950145
8/21/2018	NJ AU-607F	1764686	*33.05*	700000950136
8/21/2018	NJ R626575	1764685	*30.66*	700000950142
8/21/2018	NJ AU-716F	1764684	*29.27*	700000950151
8/22/2018	NJ AU-692C	1764683	*31.86*	700000950477
8/22/2018	NJ AU-194L	1764682	*27.34*	700000950465
8/22/2018	NJ AU-302A	1764681	*33.74*	700000950489
8/22/2018	NJ AT-580Z	1764680	*33.02*	700000950496
8/22/2018	NJ AU-275G	1764678	*30.60*	700000950526

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/22/2018	NJ AT-835X	1764677	*31.77*	700000950509
8/22/2018	NJ AT-579Z	1764675	*30.84*	700000950530
8/22/2018	NJ AS-599X	1764679	*28.07*	700000950547
8/22/2018	NJ AU-420C	1764676	*32.94*	700000950540
8/22/2018	NJ AU-607F	1764727	*29.40*	700000950570
8/22/2018	NJ AS-369X	1764726	*30.14*	700000950558
8/22/2018	NJ AT-465M	1764725	*29.74*	700000950583
8/22/2018	NJ AS-368X	1764724	*29.03*	700000950593
8/22/2018	NJ R626575	1764723	*32.54*	700000950567
8/22/2018	NJ AU-722M	1764722	*17.51*	700000950633
8/22/2018	NJ AS-317W	1764721	*30.84*	700000950616
8/22/2018	NJ AU-716F	1764720	*27.83*	700000950611
8/22/2018	NJ AU-195L	1764719	*29.25*	700000950621
8/22/2018	NJ AT-464M	1764718	*32.30*	700000950649
8/22/2018	NJ AS-815Y	1764717	*33.03*	700000950647
8/22/2018	NJ AT-680D	1764716	*30.69*	700000950642
8/22/2018	NJ AS-839P	1764715	*31.80*	700000950701
8/22/2018	NJ AU-224A	1764714	*35.20*	700000950654
8/22/2018	NJ AS-816Y	1764713	*32.33*	700000950704
8/22/2018	NJ AU-391N	1775375	*33.83*	1055091
8/22/2018	NJ AU-389N	1775376	*33.33*	1055097
8/22/2018	NJ AU-692C	1775377	*32.33*	1054999
8/22/2018	NJ AU-194L	1775378	*28.37*	1055013
8/22/2018	NJ AT-580Z	1775379	*31.92*	1055009
8/22/2018	NJ AS-116B	1764704	*27.60*	700000950948
8/22/2018	NJ AU-421C	1764705	*30.88*	700000950962
8/22/2018	NJ AT-835X	1764706	*32.48*	700000950974
8/22/2018	NJ AT-579Z	1764707	*30.16*	700000950987
8/22/2018	NJ AU-420C	1764708	*31.50*	700000950978
8/22/2018	NJ AU-295G	1764710	*30.74*	700000950991
8/22/2018	NJ R626575	1764709	*26.97*	700000951010
8/22/2018	NJ AS-369X	1764712	*30.92*	700000950999
8/22/2018	NJ AU-607F	1764711	*31.36*	700000951003
8/22/2018	NJ AS-368X	1764747	*27.27*	700000951031
8/22/2018	NJ AU-195L	1764746	*30.54*	700000951025
8/22/2018	NJ AU-224A	1764745	*32.73*	700000951034
8/22/2018	NJ AU-722M	1764744	*26.18*	700000951155
8/22/2018	NJ AU-867H	1764743	*31.61*	700000951243
8/22/2018	NJ AU-868H	1764742	*30.78*	700000951242
8/22/2018	NJ AU-976A	1764741	*29.03*	700000951225
8/22/2018	NJ AT-580Z	1764740	*32.62*	700000951239
8/22/2018	NJ AU-692C	1764739	*34.80*	700000951244
8/22/2018	NJ AT-835X	1764738	*34.53*	700000951247
8/22/2018	NJ AU-716F	1764737	*34.56*	700000951246
8/22/2018	NJ AS-317W	1764736	*32.63*	700000951245
8/22/2018	NJ AU-420C	1764735	*29.98*	700000951248
8/22/2018	NJ R626575	1764734	*29.61*	700000951249

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/23/2018	NJ AU-191L	1764728	*27.80*	700000951506
8/23/2018	NJ AU-692C	1764729	*31.56*	700000951533
8/23/2018	NJ AS-365X	1764730	*30.40*	700000951580
8/23/2018	NJ AT-580Z	1764731	*32.65*	700000951541
8/23/2018	NJ AS-116B	1764732	*30.63*	700000951595
8/23/2018	NJ AS-811V	1764733	*33.52*	700000951605
8/23/2018	NJ AT-465M	1764748	*28.69*	700000951619
8/23/2018	NJ R626575	1764749	*30.14*	700000951633
8/23/2018	NJ AT-835X	1764750	*30.33*	700000951625
8/23/2018	NJ AU-249D	1764751	*30.30*	700000951663
8/23/2018	NJ AS-369X	1764752	*32.88*	700000951685
8/23/2018	NJ AU-420C	1764753	*32.01*	700000951695
8/23/2018	NJ AU-422M	1764754	*28.61*	700000951764
8/23/2018	NJ AU-421C	1764755	*31.50*	700000951789
8/23/2018	NJ AU-607F	1764756	*30.34*	700000951738
8/23/2018	NJ AS-859P	1764757	*31.71*	700000951793
8/23/2018	NJ AS-368X	1764758	*30.58*	700000951856
8/23/2018	NJ AS-420W	1764759	*28.35*	700000951863
8/23/2018	NJ AU-867H	1764760	*27.79*	700000951865
8/23/2018	NJ AU-927B	1764761	*32.22*	700000951860
8/23/2018	NJ AS-740V	1764762	*31.23*	700000951884
8/23/2018	NJ AU-224A	1764763	*31.50*	700000951889
8/23/2018	NJ AS-317W	1764764	*31.33*	700000951909
8/23/2018	NJ AO-716F	1764765	*31.05*	700000951919
8/23/2018	NJ AU-976A	1764766	*30.88*	700000951933
8/23/2018	NJ AS-366X	1764767	*32.26*	700000951993
8/23/2018	NJ AU-191L	1764768	*28.74*	700000951980
8/23/2018	NJ AU-692C	1764769	*32.69*	700000952022
8/23/2018	NJ AS-116B	1764770	*30.56*	700000952070
8/23/2018	NJ AT-580Z	1764771	*32.97*	700000952034
8/23/2018	NJ AS-811V	1764772	*33.36*	700000952071
8/23/2018	NJ AU-391N	1764773	*30.72*	700000952112
8/23/2018	NJ AU-389N	1764774	*31.80*	700000952115
8/23/2018	NJ R626575	1764775	*30.37*	700000952108
8/23/2018	NJ AU-195L	1764776	*29.64*	700000952105
8/23/2018	NJ AS-365X	1764777	*31.13*	700000952128
8/23/2018	NJ AT-835X	1764778	*31.92*	700000952119
8/23/2018	NJ AU-249D	1764779	*31.96*	700000952129
8/23/2018	NJ AS-369X	1764780	*31.37*	700000952137
8/23/2018	NJ AU-420C	1764781	*31.49*	700000952142
8/23/2018	NJ AU-607F	1764782	*30.55*	700000952141
8/23/2018	NJ AU-722M	1764783	*29.84*	700000952147
8/23/2018	NJ AU-927B	1764784	*31.16*	700000952144
8/23/2018	NJ AS-859P	1764785	*30.17*	700000952145
8/23/2018	NJ AU-867H	1764786	*33.42*	700000952146
8/23/2018	NJ AS-368X	1764787	*31.45*	700000952149
8/24/2018	NJ AU-692C	1764788	*34.03*	700000952350

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/24/2018	NJ AU-191L	1764789	*29.19*	700000952362
8/24/2018	NJ AS-365X	1764790	*33.70*	700000952395
8/24/2018	NJ AT-580Z	1764791	*33.17*	700000952383
8/24/2018	NJ AU-224A	1764792	*34.40*	700000952400
8/24/2018	NJ AU-249D	1764793	*31.92*	700000952429
8/24/2018	NJ AU-716F	1764794	*30.88*	700000952440
8/24/2018	NJ AT-579Z	1764795	*29.29*	700000952434
8/24/2018	NJ AT-835X	1764796	*31.80*	700000952461
8/24/2018	NJ AU-420C	1764797	*33.04*	700000952458
8/24/2018	NJ AS-369X	1764798	*33.97*	700000952455
8/24/2018	NJ AU-607F	1764799	*29.44*	700000952445
8/24/2018	NJ AU-722M	1764800	*32.84*	700000952497
8/24/2018	NJ AS-859P	1286980	*31.37*	700000952495
8/24/2018	NJ AS-368X	1286979	*29.29*	700000952485
8/24/2018	NJ AU-867H	1286978	*30.06*	700000952491
8/24/2018	NJ AU-976H	1286977	*31.06*	700000952503
8/24/2018	NJ AS-740V	1286976	*33.62*	700000952543
8/24/2018	NJ R626575	1286975	*29.65*	700000952524
8/24/2018	NJ AU-421C	1286974	*31.11*	700000952551
8/24/2018	NJ AS-116B	1286973	*29.84*	700000952527
8/24/2018	NJ AU-692C	1286972	*32.90*	700000952626
8/24/2018	NJ AT-580Z	1286971	*33.06*	700000952642
8/24/2018	NJ AU-224A	1286970	*32.43*	700000952679
8/24/2018	NJ AU-249D	1286969	*28.67*	700000952695
8/24/2018	NJ AU-607F	1286968	*30.49*	700000952698
8/24/2018	NJ AT-579Z	1286967	*35.11*	700000952754
8/24/2018	NJ AU-716F	1286966	*31.53*	700000952746
8/24/2018	NJ AS-369X	1286965	*32.29*	700000952741
8/24/2018	NJ AU-420C	1286964	*32.62*	700000952774
8/24/2018	NJ AT-835X	1286963	*32.34*	700000952767
8/24/2018	NJ AS-368X	1286962	*29.87*	700000952825
8/24/2018	NJ AU-867H	1286961	*32.96*	700000952842
8/24/2018	NJ AT-631X	1286960	*34.05*	700000952849
8/24/2018	NJ AU-722M	1286959	*31.81*	700000952886
8/24/2018	NJ AS-859P	1286958	*31.84*	700000952853
8/24/2018	NJ AS-596X	1286957	*34.28*	700000952907
8/24/2018	NJ AS-420W	1286956	*33.09*	700000952905
8/24/2018	NJ AT-580Z	1286955	*36.38*	700000952921
8/27/2018	NJ AU-191L	1417841	*30.28*	700000953606
8/27/2018	NJ AU-116F	1417842	*34.77*	700000953301
8/27/2018	NJ AT-680Z	1417843	*33.04*	700000953273
8/27/2018	NJ AU-420C	1417844	*33.07*	700000953328
8/27/2018	NJ AT-579Z	1417845	*34.92*	700000953351
8/27/2018	NJ AS-368X	1417846	*30.56*	700000953352
8/27/2018	NJ AT-680Z	1417847	*32.24*	700000953631
8/27/2018	NJ AU-116F	1417848	*30.69*	700000953638
8/27/2018	NJ AU-420C	1417849	*30.68*	700000953645

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
8/27/2018	NJ AS-368X	1417850	*26.41*	700000953711
8/27/2018	NJ AT-579Z	1417851	*30.85*	700000953739
8/27/2018	NJ AU-420C	1417852	*33.75*	700000953935
8/27/2018	NJ AU-116F	1417853	*30.70*	700000953933
9/4/2018	NJ AU-692C	1417864	*31.77*	700000957523
9/4/2018	NJ AT-580Z	1417855	*33.12*	700000957513
9/4/2018	NJ AS-740V	1417856	*30.40*	700000957616
9/4/2018	NJ AS-116B	1417857	*29.07*	700000957565
9/4/2018	NJ AS-811V	1417863	*31.58*	700000957570
9/4/2018	NJ AU-194L	1417862	*28.93*	700000957603
9/4/2018	NJ AS-369X	1417861	*32.19*	700000957625
9/4/2018	NJ AT-579Z	1417860	*31.77*	700000957621
9/4/2018	NJ AU-722M	1417858	*28.06*	700000957638
9/4/2018	NJ AU-421C	1417859	*32.57*	700000957650
9/4/2018	NJ R626575	1417873	*30.41*	700000957637
9/4/2018	NJ AU-607F	1417895	*31.39*	700000957633
9/4/2018	NJ AS-368X	1417894	*28.49*	700000957654
9/4/2018	NJ AS-317W	1417893	*31.18*	700000957733
9/4/2018	NJ AT-580Z	1417892	*31.21*	700000957847
9/4/2018	NJ AU-692C	1417891	*31.65*	700000957867
9/4/2018	NJ AS-116B	1417890	*31.22*	700000957920
9/4/2018	NJ AS-811V	1417889	*31.13*	700000957924
9/4/2018	NJ AU-194L	1417888	*28.46*	700000957942
9/4/2018	NJ AT-579Z	1417887	*29.05*	700000957988
9/4/2018	NJ AU-607F	1417886	*32.09*	700000957961
9/4/2018	NJ AS-369X	1417885	*30.81*	700000957973
9/4/2018	NJ R626575	1417884	*31.20*	700000957981
9/4/2018	NJ AS-740V	1417883	*32.37*	700000958023
9/4/2018	NJ AS-368X	1417882	*29.00*	700000958060
9/4/2018	NJ AU-722M	1417881	*29.20*	700000958100
9/4/2018	NJ AU-421C	1417880	*31.93*	700000958092
9/4/2018	NJ AU-249D	1417879	*29.90*	700000958118
9/18/2018	NJ AU-692C	1417965	*32.27*	700000968223
9/18/2018	NJ AS-116B	1417966	*31.28*	700000968196
9/18/2018	NJ AS-811V	1417967	*35.03*	700000968202
9/18/2018	NJ AU-118C	1417968	*29.25*	700000968270
9/18/2018	NJ AU-417C	1417969	*31.29*	700000968283
9/18/2018	NJ AU-210S	1417970	*30.77*	700000968279
9/18/2018	NJ AT-207Y	1417971	*34.02*	700000968248
9/18/2018	NJ AS-369X	1417972	*33.97*	700000968307
9/18/2018	NJ AT-955Z	1417973	*34.58*	700000968328
9/18/2018	NJ AU-249D	1417974	*29.27*	700000968290
9/18/2018	NJ AU-421C	1417975	*29.45*	700000968326
9/18/2018	NJ AU-607F	1417976	*28.96*	700000968293
9/18/2018	NJ AU-949P	1417977	*28.54*	700000968342
9/18/2018	NJ AU-722M	1417978	*28.95*	700000968345
9/18/2018	NJ AS-368X	1417979	*27.87*	700000968331

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
9/18/2018	NJ AR-602H	1417980	*31.29*	700000968463
9/18/2018	NJ AS-811V	1417981	*31.41*	700000968469
9/18/2018	NJ AU-692C	1417982	*33.99*	700000968539
9/18/2018	NJ AT-207Y	1417983	*31.05*	700000968523
9/18/2018	NJ AU-210J	1417984	*30.51*	700000968549
9/18/2018	NJ AU-607F	1417985	*30.20*	700000968561
9/18/2018	NJ AU-249D	1417986	*30.75*	700000968566
9/18/2018	NJ AU-417C	1417987	*29.95*	700000968557
9/18/2018	NJ AU-118C	1764845	*29.84*	700000968582
9/18/2018	NJ AS-369X	1764844	*31.11*	700000968592
9/18/2018	NJ AS-368X	1764843	*28.84*	700000968595
9/18/2018	NJ AT-955Z	1764842	*26.76*	700000968598
9/18/2018	NJ AU-421C	1764841	*32.04*	700000968607
9/18/2018	NJ AU-722M	1764840	*27.62*	700000968610
9/18/2018	NJ AU-949P	1764839	*30.32*	700000968613
9/19/2018	NJ AS-319F	1775367	*26.62*	1068233
9/19/2018	NJ AT-780U	1775366	*29.56*	1068236
9/19/2018	NJ AS-425V	1775365	*32.66*	1068242
9/19/2018	NJ AS-121E	1775364	*30.95*	1068244
9/19/2018	NJ AR-610G	1775345	*33.30*	1068266
9/19/2018	NJ AT-781U	1775346	*30.62*	1068248
9/19/2018	NJ AS-424V	1775347	*31.63*	1068276
9/19/2018	NJ AS-401T	1775348	*32.63*	1068293
9/19/2018	NJ AS-622A	1775349	*32.23*	1068302
9/19/2018	NJ AS-319F	1775350	*29.88*	1068459
9/19/2018	NJ AT-780U	1775351	*31.20*	1068458
9/19/2018	NJ AS-121E	1775352	*31.25*	1068450
9/19/2018	NJ AS-425V	1775353	*32.76*	1068453
9/19/2018	NJ AP-880S	1775354	*31.90*	1068468
9/19/2018	NJ AS-171C	1775355	*31.53*	1068469
9/19/2018	NJ AS-688P	1775356	*30.73*	1068487
9/19/2018	NJ AR-610G	1775357	*31.05*	1068511
9/19/2018	NJ AT-781U	1775358	*30.06*	1068510
9/19/2018	NJ AS-424V	1775363	*31.62*	1068506
9/19/2018	NJ AS-622A	1775362	*27.44*	1068540
9/19/2018	NJ AS-401T	1775361	*28.74*	1068542
9/20/2018	NJ AS-369X	1775359	*29.57*	1068797
9/20/2018	NJ AU-249D	1775360	*28.57*	1068784
9/20/2018	NJ AU-607F	1736530	*31.50*	1068829
9/20/2018	NJ AU-249D	1736529	*30.70*	1068994
9/20/2018	NJ AS-369X	1736528	*31.18*	1069045
9/20/2018	NJ AU-607F	1736527	*32.66*	1069018
9/21/2018	NJ AT-400F	1736526	*28.34*	1069375
9/21/2018	NJ AS-121P	1736525	*26.90*	1069350
9/21/2018	NJ AT-259F	1736501	*28.00*	1069383
9/21/2018	NJ AU-599H	1736502	*29.46*	1069464
10/11/2018	NJ AS-366X	1764822	*28.52*	700000984654

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
10/11/2018	NJ AU-134R	1764823	*29.21*	700000984614
10/11/2018	NJ AS-811V	1764824	*29.92*	700000984642
10/11/2018	NJ AS-116B	1764825	*29.43*	700000984651
10/11/2018	NJ AS-740V	1764826	*32.90*	700000984682
10/11/2018	NJ AS-366X	1764827	*32.50*	700000984991
10/11/2018	NJ AS-811V	1764828	*29.87*	700000984987
10/11/2018	NJ AS-116B	1764829	*27.13*	700000984975
10/11/2018	NJ AS-740V	1764830	*32.22*	700000984988
10/11/2018	NJ AU-134R	1764831	*32.30*	700000984983
10/12/2018	NJ AT-579Z	1764832	*29.23*	700000985419
10/12/2018	NJ AU-607F	1764833	*31.14*	700000985458
10/12/2018	NJ AS-740V	1764834	*31.54*	700000985481
10/17/2018	NJ AU-233M	1764835	*28.00*	700000987834
10/17/2018	NJ AU-187C	1764836	*26.19*	700000987844
10/17/2018	NJ AU-186C	1764837	*27.47*	700000987848
10/17/2018	NJ AT-595C	1764838	*27.26*	700000987913
10/17/2018	NJ AP-797X	1821978	*27.78*	700000987907
10/17/2018	NJ AT-259F	1821979	*29.67*	700000988351
10/18/2018	NJ AT-561T	1821980	*25.89*	700000988658
10/18/2018	NJ AT-490B	1821981	*31.56*	700000988665
11/1/2018	NJ AU-134R	1821982	*30.57*	700001000085
11/1/2018	NJ AT-955Z	1821983	*27.47*	700001000101
11/1/2018	NJ AT-579Z	1821984	*29.68*	700001000377
11/1/2018	NJ AS-859P	1821985	*28.37*	700001000252
12/4/2018	NJ AU-692C	1821991	*31.00*	700001020528
12/4/2018	NJ AS-859P	1822004	*28.69*	700001020573
12/4/2018	NJ AT-955Z	1821992	*26.15*	700001020643
12/4/2018	NJ AU-607F	1822003	*32.69*	700001020735
12/4/2018	NJ AU-692C	1822000	*32.63*	700001021041
12/4/2018	NJ AS-859P	1821999	*32.28*	700001021080
12/4/2018	NJ AS-811V	1821993	*26.99*	700001020686
12/4/2018	NJ AT-955Z	1821998	*24.56*	700001021091
12/4/2018	NJ AT-579Z	1822002	*30.16*	700001021092
12/4/2018	NJ AU-607F	1822001	*33.44*	700001021094
12/27/2018	NJ AT-955Z	1821986	*12.39*	700001035470
12/28/2018	NJ AU-692C	1821984	*7.09*	700001035750
12/31/2018	NJ AT-259F	1821989	*28.49*	700001036167
1/2/2019	NJ AT-779U	1821990	*34.71*	700001036447
1/3/2019	NJ AT-779U	1822006	*30.86*	700001036752
1/3/2019	NJ AU-606U	1822005	*32.54*	700001037035
1/7/2019	NJ AP-962U	1822008	*34.18*	700001038545
1/7/2019	NJ AU948H	1822009	*27.87*	700001038618
1/8/2019	NJ AS-369X	1822010	*32.59*	700001039088
1/18/2019	NJ AT-713B	1764935	*27.99*	700001046653
6/14/2019	NJ AS-488S	1736556	*26.18*	1201046
6/14/2019	NJ AT-779U	1736557	*25.11*	1201083
6/14/2019	NJ AS-319F	1736558	*26.95*	1201081

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
6/14/2019	NJ AT-782U	1736559	*25.86*	1201079
6/14/2019	NJ AU-605U	1736560	*28.58*	1201071
6/14/2019	NJ AT-862D	1736561	*28.42*	1201074
6/14/2019	NJ AU-807Y	1736562	*24.02*	1201098
6/14/2019	NJ AT-384Y	1736563	*31.96*	1201095
6/14/2019	NJ AU607F	1736564	*32.77*	1201050
6/14/2019	NJ AU316D	1736565	*29.20*	1201090
6/14/2019	NJ AR438F	1736566	*28.93*	1201116
6/14/2019	NJ AR249E	1736567	*28.12*	1201129
6/14/2019	NJ AS425V	1736568	*28.49*	1201145
6/14/2019	NJ AU607U	1736569	*27.32*	1201047
6/14/2019	NJ AT579Z	1736570	*28.51*	1201135
6/14/2019	NJ AU548H	1736571	*28.84*	1201138
6/14/2019	NJ AU111F	1736572	*29.48*	1201108
6/14/2019	NJ AU857D	1736573	*31.02*	1201157
6/14/2019	NJ AS859P	1736574	*31.68*	1201193
6/14/2019	NJ AT781U	1736575	*26.56*	1201235
6/14/2019	NJ AS488S	1736581	*30.52*	1201377
6/14/2019	NJ AU607U	1736582	*27.45*	1201373
6/14/2019	JN AU605U	1736583	*29.23*	1201383
6/14/2019	NJ AT862D	1736584	*27.28*	1201387
6/14/2019	NJ AS319F	1736585	*28.19*	1201391
6/14/2019	NJ AT779U	1736586	*30.34*	1201390
6/14/2019	NJ AT782U	1736587	*29.67*	1201392
6/14/2019	NJ AU316D	1736588	*27.46*	1201395
6/14/2019	NJ AT384Y	1736589	*30.28*	1201401
6/14/2019	NJ AR438F	1736590	*27.07*	1201403
6/14/2019	NJ AU714R	1736591	*30.35*	1201438
6/14/2019	NJ AS599X	1736592	*29.46*	1201439
6/14/2019	NJ AT781U	1736593	*25.75*	1201442
6/14/2019	NJ AS740V	E0313268	*28.17*	1201008
6/14/2019	NJ AU421C	E0313269	*29.02*	1201003
6/14/2019	NJ AT580Z	E0313270	*30.71*	1201034
6/14/2019	NJ AU970Z	E0313271	*26.25*	1201049
6/14/2019	NJ AU976A	E0313272	*27.05*	1201063
6/14/2019	NJ AS369X	E0313273	*26.69*	1201054
6/15/2019	NJ AT631X	1736576	*31.51*	1201483
6/15/2019	NJ AU260R	1736594	*31.56*	1201497
6/15/2019	NJ AS425V	1736595	*29.20*	1201557
6/17/2019	NJ AT477J	1736596	*29.41*	1201789
6/17/2019	NJ AP158Y	1736597	*28.34*	1201814
6/17/2019	NJ AT249E	1736598	*30.23*	1201821
6/17/2019	NJ AR438F	1736599	*28.75*	1201823
6/17/2019	NJ AP440M	1736600	*26.58*	1201843
6/17/2019	NJ AT477J	1736601	*27.51*	1202065
6/17/2019	NJ AP158Y	1736602	*29.96*	1202068
6/17/2019	NJ AT249E	1736603	*27.05*	1202067

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
6/17/2019	NJ AR438F	1736604	*28.37*	1202072
6/17/2019	NJ AP440M	1736605	*26.89*	1202105
7/8/2019	NJ AR240E	1822012	*29.70*	700001160686
7/8/2019	NJ AU292E	1349837	*25.79*	700001160695
7/8/2019	NJ AR494G	1822013	*29.89*	700001160713
7/8/2019	NJ AW915B	1822014	*29.90*	700001160734
7/8/2019	NJ AN851C	1822015	*29.39*	700001160736
7/8/2019	NJ AT491V	1822016	*29.18*	700001160738
7/8/2019	NJ AR238E	1822017	*30.58*	700001160762
7/8/2019	NJ AU842R	1822019	*29.30*	700001160764
7/8/2019	NJ AU328Y	1822018	*31.38*	700001160769
7/8/2019	NJ AU637H	1822023	*26.97*	700001160776
7/8/2019	NJ AU845R	1822020	*30.37*	700001160777
7/8/2019	NJ AU206H	1822024	*31.20*	700001160797
7/8/2019	NJ AU258Y	1822025	*27.57*	700001160799
7/8/2019	NJ AT982D	1822026	*31.55*	700001160804
7/8/2019	NJ AU840U	1822022	*27.95*	700001160812
7/8/2019	NJ AR240E	1822021	*22.79*	700001160815
7/8/2019	NJ AU949P	1822027	*28.63*	700001160890
7/8/2019	NJ AU722M	1822028	*28.03*	700001160913
7/8/2019	NJ AR240E	1822029	*25.09*	700001160960
7/8/2019	NJ AU292E	1822030	*26.93*	700001160973
7/8/2019	NJ AR494G	1822031	*28.40*	700001160975
7/8/2019	NJ AT491V	1822032	*29.40*	700001160983
7/8/2019	NJ AN851C	1822033	*30.46*	700001160984
7/8/2019	NJ AW915B	1822034	*31.81*	700001161009
7/8/2019	NJ AU842R	1822035	*32.12*	700001161010
7/8/2019	NJ AR238E	1822036	*22.85*	700001161025
7/8/2019	NJ AU328Y	1822037	*32.66*	700001161044
7/10/2019	NJ AR438F	1736616	*27.26*	1212333
7/10/2019	NJ AS341S	1736617	*29.38*	1212358
7/10/2019	NJ AU548H	1736618	*29.19*	1212363
7/10/2019	NJ AT477J	1736619	*30.11*	1212385
7/10/2019	NJ AP440M	1736620	*28.73*	1212391
7/10/2019	NJ AU927B	1736631	*32.87*	1212398
7/10/2019	NJ AU714R	1736632	*32.78*	1212457
7/10/2019	NJ AT955T	1736634	*29.51*	1212461
7/10/2019	NJ AS574P	1736636	*28.51*	1212479
7/10/2019	NJ AU302A	1736633	*33.88*	1212488
7/10/2019	NJ AR874C	1736635	*28.22*	1212506
7/10/2019	NJ AU260R	1736637	*31.41*	1212522
7/10/2019	NJ AS420W	1736638	*32.76*	1212535
7/10/2019	NJ AS599X	1736640	*29.89*	1212561
7/10/2019	NJ AT631X	1736639	*35.37*	1212563
7/10/2019	NJ AU548H	1736642	*30.73*	1212708
7/10/2019	NJ AR438F	1736641	*30.69*	1212721
7/10/2019	NJ AS341S	1736643	*30.55*	1212730

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
7/10/2019	NJ AW544B	1736531	*29.32*	1212752
7/10/2019	NJ AT477J	1736644	*29.72*	1212765
7/10/2019	NJ AP440M	1736645	*27.89*	1212833
7/10/2019	NJ AT955T	1736646	*28.78*	1212841
7/10/2019	NJ AS574P	1736647	*30.17*	1212856
7/10/2019	NJ AR874C	1736648	*31.70*	1212900
7/11/2019	NJ AR438F	1736649	*28.89*	1213276
7/11/2019	NJ AS425V	1736652	*31.90*	1213285
7/11/2019	NJ AU548H	1736651	*31.18*	1213308
7/11/2019	NJ AP158Y	1736653	*29.59*	1213343
7/11/2019	NJ AT249E	1736532	*25.76*	1213357
7/11/2019	NJ AP440M	1736654	*29.02*	1213370
7/11/2019	NJ AU260R	1736533	*34.56*	1213378
7/11/2019	NJ AS599X	1736535	*30.30*	1213390
7/11/2019	NJ AU302A	1736534	*34.40*	1213394
7/11/2019	NJ AS341S	1736650	*29.23*	1213403
7/11/2019	NJ AS420W	1736536	*32.76*	1213424
7/11/2019	NJ AR438F	1736537	*29.27*	1213724
7/11/2019	NJ AS425V	1736538	*32.56*	1213741
7/11/2019	NJ AT249E	1736540	*29.28*	1213758
7/11/2019	NJ AU548H	1736539	*30.69*	1213762
7/11/2019	NJ AP158Y	1736541	*30.47*	1213790
7/11/2019	NJ AS341S	1736542	*30.14*	1213811
7/11/2019	NJ AP440M	1736543	*28.90*	1213817
7/15/2019	NJ AR438F	1736548	*25.30*	1214844
7/15/2019	NJ AP440M	1736549	*21.40*	1214853
7/15/2019	NJ AT 249 E	1736550	*21.30*	1214865
7/15/2019	NJ AT862D	1736551	*25.72*	1214916
7/15/2019	NJ AR438F	1736552	*31.43*	1215213
7/15/2019	NJ AT249E	1736554	*28.92*	1215227
7/15/2019	NJ AP440M	1736563	*29.02*	1215232
7/15/2019	NJ AT862D	1736555	*28.08*	1215282
7/16/2019	NJ AU857D	1736546	*32.84*	1215652
7/16/2019	NJ AS295E	1736547	*29.62*	1215663
7/16/2019	NJ AS307C	1736544	*29.72*	1215690
7/16/2019	NJ AT863D	1736545	*29.73*	1215714
7/16/2019	NJ AS687P	1736659	*29.22*	1215734
7/16/2019	NJ AS688P	1736660	*27.07*	1215761
7/16/2019	NJ AT352D	1736656	*32.15*	1215765
7/16/2019	NJ AU450S	1736658	*26.66*	1215767
7/16/2019	NJ AU604U	1736667	*27.68*	1215770
7/16/2019	NJ AS579L	1736666	*30.03*	1215779
7/16/2019	NJ AU548H	1736665	*29.20*	1215978
7/16/2019	NJ AS171C	1736657	*27.09*	1215999
7/16/2019	NJ AS687P	1736663	*27.91*	1216094
7/16/2019	NJ AS307C	1736674	*30.11*	1216100
7/16/2019	NJ AT863D	1736664	*27.53*	1216106

TABLE 3

Soil Disposal Summary
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Disposal Date	Hauler License Plate	Clean Earth Manifest No.	Actual Weight (tons)	Weight Ticket Number
7/16/2019	NJ AS341S	1736662	*30.54*	1216127
7/16/2019	NJ AU450S	1736672	*27.36*	1216184
7/16/2019	NJ AT352D	1736668	*28.59*	1216189
7/16/2019	NJ AU604U	1736661	*28.35*	1216192
7/16/2019	NJ AS579L	1736673	*29.35*	1216211
7/17/2019	NJ AT863D	1736670	*28.21*	1216557
7/17/2019	NJ AS307C	1736889	*28.44*	1216602
7/17/2019	NJ AU604U	1736675	*24.62*	1216606
7/17/2019	NJ AS736S	1736671	*28.02*	1216616
7/17/2019	NJ AW544B	1736676	*30.75*	1216646
		TOTALS	***36,139.03***	tons
			26,769.65	yd3

Table 4
2018 Waste Characterization Analytical Results
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

				CLIENT ID:		EB-G-1		EB-G-2		EB-G-3		EB-G-4		EB-G-5		EB-WC-1		EB-WC-2		EB-WC-3		EB-WC-4		EB-WC-5		EB-G-6		EB-G-7		EB-G-8		EB-G-9		EB-WC-10		EB-WC-6		EB-WC-7		EB-WC-8		EB-WC-9	
				LAB ID:		2324479002		2324479004		2324479006		2324479008		2324479010		2324479001		2324479003		2324479005		2324479007		2324479009		2325109002		2325109004		2325109006		2325109008		2325109009		2325109001		2325109003		2325109005		2325109007	
				COLLECTION DATE:		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018	
				SAMPLE MATRIX:		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid	
				SAMPLE UNITS:		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
ANALYTE	***RSRS*** [1] **(MG/KG)**	***NRSRS*** [1] **(MG/KG)**	***IGWRS*** [2] **(MG/KG)**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**
Volatile Organic Compounds (VOCs)																																									
Acetone	70000	NA	19.0	ND	ND	ND	ND	ND	ND	0.218		0.0091	J											0.0364		0.0061	J	0.0073	J	0.052											
Acrolein	0.500	1.00	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Acrylonitrile	0.900	3.00	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Benzene	2.00	5.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	0.0182											
Bromodichloromethane (THM)	1.00	3.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Bromoform (THM)	81.0	280	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Bromomethane	25.0	59.0	0.040	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
2-Butanone (Methyl Ethyl Ketone)	3100	44000	0.900	ND	ND	ND	ND	ND	ND	0.0327		ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Carbon Disulfide	7800	110000	6.00	ND	ND	ND	ND	ND	ND	0.0241		ND	ND											ND	ND	ND	ND	ND	ND	0.0013	J										
Carbon Tetrachloride	2.000	4.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Chlorobenzene	510	7400	0.600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Chloroethane (ethyl chloride)	220	1100	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Chloroform (THM)	0.600	2.00	0.400	0.0017	J	0.0014	J	0.0018	J	0.0018	J	0.0017	J											0.0015	J	0.0012	J	0.0016	J	ND	ND										
Chloromethane	4.00	12.0	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Cyclohexane	NA	NA	NA	ND	ND	ND	ND	ND	ND	0.0013	J	ND	ND											ND	ND	ND	ND	ND	ND	0.0742											
Dibromochloromethane (THM)	3.00	8.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Dibromochloropropane (DBCP)	0.080	0.200	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,2-Dibromoethane (Ethylene Dibromide, EDB)	0.008	0.040	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,2-Dichlorobenzene	5300	59000	17.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	0.0109											
1,3-Dichlorobenzene	5300	59000	19.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	.00062	J										
1,4-Dichlorobenzene	5.00	13.0	2.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	0.0024											
Dichlorodifluoromethane (Freon 12)	490	230000	39.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,1-Dichloroethane	8.00	24.0	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,2-Dichloroethane	0.900	3.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,1-Dichloroethene	11.0	150	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
cis-1,2-Dichloroethene	230	560	0.300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
trans-1,2-Dichloroethene	300	720	0.600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,2-Dichloropropane	2.00	5.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
cis-1,3-Dichloropropene	2.00	7.00	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
trans-1,3-Dichloropropene	2.00	7.00	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,4-Dioxane	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7800	110000	13.00	ND	ND	ND	ND	ND	ND	0.0083		ND	ND											ND	ND	ND	ND	ND	ND	6.39											
Fluorotrichloromethane (Freon 11)	23000	340000	34.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,1,2-Trichloro-1,2,2-trifuoroethane (Freon-11	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Hexachlorobutadiene	6.00	25.0	0.900													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Isopropylbenzene	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	0.0443											
Methylene Chloride (Dichloromethane)	46.0	230.0	0.010	0.0029		0.002	J	0.0013	J	0.0024	J	0.0013	J											0.0025	J	0.0036		0.0036		0.0023											
Methyl Acetate	78000	NA	22.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
4-Methyl-2-pentanone	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Methyl tert-butyl ether (MTBE)	110	320	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Styrene	90.0	260	3.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	.00056	J										
Tertiary Butyl Alcohol	1400	11000	0.300	ND	ND	ND	ND	ND	ND	0.0133	J	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Tetrachloroethene	43.00	1500.00	0.005	0.0292		ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	0.0016	J	ND	ND	ND	ND										
1,1,2,2-Tetrachloroethane	1.00	3.00	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Toluene	6300	91000	7.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	0.012											
1,2,4-Trichlorobenzene	73.0	820	0.700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,1,1-Trichloroethane	160000	NA	0.300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
1,1,2-Trichloroethane	2.00	6.00	0.020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Trichloroethene	3.00	10.0	0.010	.00071	J	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
Vinyl Chloride	0.700	2.00	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	ND	ND										
mp-Xylene	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											ND	ND	ND	ND	ND	ND	21.7											
o-Xylene	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.0251												ND	ND	ND	ND	ND	ND	3.43											
Xylenes (total)	12000	170000	19.0	ND	ND	ND	ND	ND	ND	0.0251		ND	ND											ND	ND	ND	ND	ND	ND	25.1											

Table 4
2018 Waste Characterization Analytical Results
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

				CLIENT ID:		EB-G-1		EB-G-2		EB-G-3		EB-G-4		EB-G-5		EB-WC-1		EB-WC-2		EB-WC-3		EB-WC-4		EB-WC-5		EB-G-6		EB-G-7		EB-G-8		EB-G-9		EB-WC-10		EB-WC-6		EB-WC-7		EB-WC-8		EB-WC-9	
				LAB ID:		2324479002		2324479004		2324479006		2324479008		2324479010		2324479001		2324479003		2324479005		2324479007		2324479009		2325109002		2325109004		2325109006		2325109008		2325109009		2325109001		2325109003		2325109005		2325109007	
				COLLECTION DATE:		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018	
				SAMPLE MATRIX:		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid	
				SAMPLE UNITS:		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
ANALYTE	***RSRS*** [1] **(MG/KG)**	***NRSRS*** [1] **(MG/KG)**	***IGWRS*** [2] **(MG/KG)**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**	**Result**	**Flag**
Semivolatile Organic Compounds (SVOCs)																																									
Acenaphthene	3400	37000	110.0													0.023	J	0.0311	J	0.0898		0.958		0.0941										0.909		0.0779		0.0839		0.0772		0.12	
Acenaphthylene	NA	300000	NA													0.31		0.0283	J	0.0253	J	1.12		0.301										ND	ND	0.373		0.684		0.0467	J	ND	ND
Acetophenone	2.00	5.00	3.00													ND	ND	ND	ND	ND	ND	0.0351	J	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	17000	30000	2400													0.186		0.0703		0.162		3.49		0.454										1.61		0.469		0.549		0.213		0.204	
Atrazine	210	2400	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	6100	68000	NA													ND	ND	ND	ND	0.0388	J	0.026	J	0.0301	J									ND	ND	0.0198	J	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	5.000	17.00	0.800													1.43		0.558		0.326		7		1.46										2.72		1.53		2.52		0.745		0.628	
Benzo[a]pyrene	0.500	2.000	0.200													1.02		0.545		0.307		6.17		1.48										2.6		1.61		2.48		0.629		0.679	
Benzo[b]fluoranthene	5.000	17.00	2.00													1.44		0.669		0.393		7.89		1.95										3.15		2.06		3.3		0.784		1.1	
Benzo[g,h,i]perylene	380000	30000	NA													0.634		0.371		0.199		4.1		1.13										1.65		1.19		1.61		0.363		0.573	
Benzo[k]fluoranthene	45.00	170.0	25.0													0.535		0.239		0.156		3.02		0.695										1.18		0.791		1.23		0.272		0.422	
Benzyl Alcohol	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl	61	240	140.0													ND	ND	ND	ND	ND	ND	0.105	J	ND	ND									0.0513	J	ND	ND	ND	ND	ND	ND	0.498	
bis(2-Chloroethyl)ether	0.400	2.00	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	23.0	67.0	5.00													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	35.0	140	1200													0.09	J	2.53		0.738		0.924		0.776										0.189		0.401		0.0658	J	ND	ND	1.07	
Butylbenzylphthalate	1200	14000	230													0.0401	J	0.107	J	0.254		0.114		0.415										0.0274	J	0.315		0.0393	J	ND	ND	0.112	
Caprolactam	31000	340000	12.00													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	24.0	96.0	NA													0.0567	J	0.028	J	0.0779	J	1.53		0.187										0.65		0.175		0.171		0.0541	J	0.105	J
4-Chloroaniline	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	310	2200	0.800													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	450.0	1700	80.0													1.74		0.649		0.33		7.16		1.45										2.83		1.57		2.44		0.764		0.823	
Dibenzo[a,h]anthracene	0.500	2.000	0.800													0.217		0.103		0.0521	J	0.971		0.244										0.38		0.272		0.387		0.105		0.135	
3,3-Dichlorobenzidine	1.00	4.00	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	180	2100	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	49000	550000	88.0													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	1200	14000	1.000													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	6100	68000	760													ND	ND	0.0123	J	0.027	J	ND	ND	0.0652	J									ND	ND	0.0218	J	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	2400	27000	3300													ND	ND	ND	ND	ND	ND	ND	ND	0.0166	J									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	120	1400	0.300													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.700	3.00	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.700	3.00	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	2300	24000	1300													1.99		0.657		0.711		25.4		3.08										6.85		3.26		4.79		1.57		1.43	
Fluorene	2300	24000	170													0.0355	J	0.0225	J	0.0718		1.14		0.104										0.816		0.0967		0.103		0.0696		0.266	
Hexachlorobenzene	0.300	1.00	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	45.0	110	320													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	12.0	48	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-c,d]pyrene	5.000	17.00	7.00													0.675		0.364		0.216		4.23		1.14										1.69		1.2		1.77		0.394		0.611	
Isophorone	510	2000	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl-4,6-Dinitrophenol	6.00	68.0	0.300													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	230	2400	8.00													ND	ND	0.0163	J	0.0388	J	0.334		0.0278	J									0.187		0.0358	J	0.0159	J	ND	ND	7.09	
2-Methylphenol	310	3400	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	31.0	340	NA													ND	ND	ND	ND	ND	ND	0.0337	J	ND	ND									ND	ND	0.0199	J	0.016	J	ND	ND	ND	ND
Naphthalene	6.00	17.0	25.0													ND	ND	0.054	J	0.111		0.386		0.0508	J									0.158		0.0445	J	0.0334	J	ND	ND	3.02	
2-Nitroaniline	39.0	23000	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	5.0	14	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	99.0	390	0.400													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	0.200	0.300	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.90	3.0	0.300													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NA	300000	NA													0.848		0.319		0.666		21.8		1.57										7.38		1.41		1.54		1.08		0.883	
Phenol	18000	210000	8.00													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	1700	18000	840													2.51		0.755		0.628		22.1		2.97										6.36		2.98		4.51		1.5		1.35	
2,3,4,6-Tetrachlorophenol	NA	NA	NA													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	6100	68000	68.0													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	19.0	74.0	0.200													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4
2018 Waste Characterization Analytical Results
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

				CLIENT ID:	EB-G-1		EB-G-2		EB-G-3		EB-G-4		EB-G-5		EB-WC-1		EB-WC-2		EB-WC-3		EB-WC-4		EB-WC-5		EB-G-6		EB-G-7		EB-G-8		EB-G-9		EB-WC-10		EB-WC-6		EB-WC-7		EB-WC-8		EB-WC-9	
				LAB ID:	2324479002		2324479004		2324479006		2324479008		2324479010		2324479001		2324479003		2324479005		2324479007		2324479009		2325109002		2325109004		2325109006		2325109008		2325109009		2325109001		2325109003		2325109005		2325109007	
				COLLECTION DATE:	7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/5/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018		7/9/2018	
				SAMPLE MATRIX:	Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid		Solid	
				SAMPLE UNITS:	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
ANALYTE	RSRS[1] (MG/KG)	NRSRS[1] (MG/KG)	IGWRS[2] (MG/KG)	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Pesticides and PCBs																																								
Aldrin	0.040	0.200	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC (a-HCH)	0.100	0.500	0.002												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC (b-HCH)	0.400	2.00	0.002												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-BHC (Lindane)	0.400	2.00	0.002												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	0.200	1.00	NA												ND	ND	ND	ND	0.0015	J	0.0108		0.0122								ND	ND	0.0181		ND	ND	ND	ND	ND	ND
gamma-Chlordane	0.200	1.00	NA												ND	ND	ND	ND	ND	ND	0.025		0.0114								ND	ND	0.0271		0.0054	J	ND	ND	ND	ND
4,4'-DDD	3.00	13.0	4.00												0.0016	J	0.0015	J	0.0108		0.0388		0.0663								ND	ND	0.0365		ND	ND	ND	ND	0.0053	J
4,4'-DDE	2.00	9.00	18.0												ND	ND	0.002	J	0.0044		0.064		0.804								ND	ND	0.083		ND	ND	ND	ND	ND	ND
4,4'-DDT	2.00	8.00	11.00												0.003	J	0.0026	J	0.0105		0.111		0.128								ND	ND	0.253		0.0242		ND	ND	ND	ND
Dieldrin	0.040	0.200	0.003												ND	ND	ND	ND	0.0025	J	0.0409		0.0192								ND	ND	0.0552		ND	ND	ND	ND	ND	ND
Endosulfan I	470	6800	4.00												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	470	6800	4.00												ND	ND	ND	ND	ND	ND	0.00095	J	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	470	6800	2.00												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	0.0125	J	ND	ND	ND	ND	ND	ND
Endrin	23.0	340	1.000												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.100	0.700	0.500												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	0.070	0.300	0.010												ND	ND	ND	ND	0.00022	J	0.003		ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	390	5700	160												ND	ND	ND	ND	0.0082		0.0202		0.0031	J							ND	ND	0.0253		ND	ND	ND	ND	ND	ND
PCB-1016	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	0.023	J
PCB-1254	0.200	1.00	0.200												ND	ND	ND	ND	0.034	J	0.047		ND	ND							ND	ND	0.22		ND	ND	ND	ND	0.03	J
PCB-1260	0.200	1.00	0.200												ND	ND	ND	ND	0.014	J	0.043		ND	ND							ND	ND	0.12		ND	ND	ND	ND	0.031	J
PCB-1262	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs (total)	0.200	1.00	0.200												ND	ND	ND	ND	ND	ND	0.09	J	ND	ND							ND	ND	0.34	J	ND	ND	ND	ND	0.085	J
Toxaphene	0.600	3.00	0.300												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																																								
Aluminum	78000	NA	6000												10000		10800		7460		7690		5780								6590		5660		6360		8530		9070	
Antimony	31.0	450	6.00												0.34	J	0.33	J	ND	ND	0.66		0.52	J							ND	ND	1.2		0.31	J	ND	ND	0.32	J
Arsenic	19.0	19.0	19.0												6.5		8.3		3.6		9		3.3								2.2		5		4.1		2.7		11.7	
Barium	16000	59000	2100												85.4		228		73.7		571		1110								41.8		902		305		49.6		84.9	
Beryllium	16.0	140	0.700												0.44		0.47		0.3		0.4		0.25	J							0.27		0.27	J	0.28		0.29		0.37	
Cadmium	78.0	78.0	2.00												0.31		0.48		0.23	J	1.3		1.1								0.35		2.1		0.65		0.12	J	2	
Chromium	NA	NA	NA												16.8		18.4		11.6		74.9		13.7								12.1		16.4		12		15.1		16.9	
Chromium, hexavalent	240.000	20.000	NA												ND	ND	ND	ND	0.57	J	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	1600	590	90.0												4.8		4.8		3.5		6.3		5.9								4.6		5.6		4.2		4.7		5.1	
Copper	3100	45000	11000												15.5		22.6		12.2		76.3		55.4								11.5		43.4		24.2		9.1		32.8	
Cyanide*	47	680	20.0												0.2	J	0.26		0.21	J	1.3		1.8								0.1	J	1		0.4		0.096	J	0.2	J
Iron	NA	NA	NA												16100		16300		12500		22400		13600								12900		15800		11900		14200		16800	
Lead	400	800	90.0												62.2		161		53.8		565		769								41		511		141		19.7		171	
Manganese	11000	5900	65.0												292		310		226		448		246								264		314		235		216		319	
Mercury	23.0	65.0	0.100												0.1		0.24		0.07		0.22		0.37								0.047	J	0.31		0.17		0.077		0.12	
Mercury_SPLP	23.0	65.0	0.100												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	NA	NA	NA																																					
Nickel	1600	23000	48.0												11.9		11.3		8.5		22.5		15.5								11.5		12		10.7		10.2		15.4	
Odor	NA	NA	NA																																					
pH	NA	NA	NA																																					
Selenium	390	5700	11.00												0.88	J	1.2	J	0.72	J	1.1	J	0.79	J							0.6	J	0.51	J	0.47	J	0.66	J	0.48	J
Silver	390	5700	1.00												ND	ND	ND	ND	ND	ND	0.42	J	ND	ND							ND	ND	0.27	J	ND	ND	ND	ND	ND	ND
Sodium	NA	NA	NA												132		182		329		317		173								398		251		140		69.7		147	
Thallium	5.00	79.0	3.00												0.12	J	0.1	J	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium**	78.0	1100	NA												57.5		23.8		20.2		65.2		22								17.1		27.5		21.9		19.7		24.1	
Zinc	23000	110000	930												67.4		178		71.4		594		595								48.6		540		184		34.2		123	
Petroleum Hydrocarbons																																								
EPH Fuel Oil #2	5100	54000	NA												10.8		24.9		309		217		185								92.5		200		78.5		18.1		701	
Diesel Range Organics	5100	54000	NA																																					

NOTES:

Red: Result exceeds at least one criterion.

Yellow: Positive result detected below all criteria (or ND with detection limit above criteria)

J - Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the

U - Indicates that the analyte was Not Detected (ND)

Blank cell indicates the analyate was not analyzed for.

Note 1) Residential and Non-residential critieria from the NJDEP November 4, 2009 Soil Remediation Standards

Note 2) IGW criteria from November 2013 DEP guidance document for the development of standards using the soil-water partition equation.

TABLE 5
Remedial Excavation Endpoint Soil Sampling
Summary of VOC Analytical Results - QUADRANT 2
Ebenezer Plaza 1 (BCP Site C224240)
Brooklyn, New York

Sample ID	NYSDEC Part 375 Restricted - Residential Use (RRSCOs)	NYSDEC Part 375 Protection of Groundwater (PGWSCO)	EP1-Q2-E5	EP1-Q2-E6	EP1-Q2-E7	EP1-Q2-F5	EP1-Q2-F6	EP1-Q2-F7	EP1-Q2-G5	EP1-Q2-G5ME	EP1-Q2-G6	EP1-Q2-G7	EP1-Q2-H5	EP1-Q2-H5ME	EP1-Q2-H6	EP1-Q2-H6ME	EP1-Q2-H7	EP1-Q2-H7ME	EP1-Q2-I5	EP1-Q2-I6	EP1-Q2-I7	EP1-Q2-J5	EP1-Q2-J6	EP1-Q2-J7	EP1-Q2-FD-01	EP1-Q2-FD-01M
Sample Date			9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/4/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018
Matrix			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compund (VOC)																										
1,1,1-Trichloroethane	100	0.68	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,1,2,2-Tetrachloroethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,1,2-Trichloroethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,1,2-Trichlorotrifluoroethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,1-Dichloroethane	26	0.27	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,1-Dichloroethene	100	0.33	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2,3-Trichlorobenzene	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2,4-Trichlorobenzene	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2,4-Trimethylbenzene	52	3.6	0.0269 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	**7.7 D**	**7.7 D**	**20.2 D**	**20.2 D**	0.0123	0.0046 J	0.0031 J	0.0022 J	0.0044 U	0.001 J	0.0046 U	0.22 UD
1,2-Dibromo-3-Chloropropane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2-Dibromoethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2-Dichlorobenzene	100	1.1	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2-Dichloroethane	3.1	0.02	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,2-Dichloropropane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,3,5-Trimethylbenzene	52	8.4	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	1.3 D	1.3 D	0.0053 U	0.0052 U	1.2 D	1.2 D	1.3 D	1.3 D	13.3 D	13.3 D	0.0065	0.0026 J	0.0018 J	0.0012 J	0.0044 U	0.0046 U	0.77 D	0.77 D
1,3-Dichlorobenzene	49	2.4	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
1,4-Dichlorobenzene	13	1.8	0.0269 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
2-Butanone	13	0.1	0.0054 U	0.0258 U	0.026 U	0.0276 U	0.0261 U	0.0256 U	0.024 U	1.3 UD	0.0263 U	0.0258 U	0.0229 U	1.2 UD	0.024 U	1.3 UD	0.0228 U	1.2 UD	0.0257 U	0.0246 U	0.0248 U	0.0248 U	0.0219 U	0.0231 U	0.0231 U	1.1 UD
2-Hexanone	NS	NS	0.0054 U	0.0035 J	0.026 U	0.0276 U	0.0261 U	0.0256 U	0.024 U	1.3 UD	0.0263 U	0.0258 U	0.0229 U	1.2 UD	0.024 U	1.3 UD	0.0228 U	1.2 UD	0.0257 U	0.0246 U	0.0248 U	0.0248 U	0.0219 U	0.0303	0.0231 U	1.1 UD
4-Methyl-2-Pentanone	NS	NS	0.0054 U	0.0258 U	0.026 U	0.0276 U	0.0261 U	0.0256 U	0.024 U	1.3 UD	0.0263 U	0.0258 U	0.0229 U	1.2 UD	0.024 U	1.3 UD	0.0228 U	1.2 UD	0.0257 U	0.0246 U	0.0248 U	0.0248 U	0.0219 U	0.0171 J	0.0231 U	1.1 UD
Acetone	100	0.05	0.0054 U	**0.05**	0.026 U	0.0279	0.0266	0.0398	0.0226 J	**1.3 UD**	0.0298	0.0317	0.018 J	**1.2 UD**	0.0186 J	**1.3 UD**	0.0203 J	**1.2 UD**	0.0257 U	0.028	0.0248 U	0.0248 U	0.0342	0.0176 J	0.027	**1.1 UD**
Benzene	4.8	0.06	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Bromochloromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Bromodichloromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Bromoform	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Bromomethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Carbon Disulfide	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Carbon Tetrachloride	2.4	0.76	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Chlorobenzene	100	1.1	0.0134 J	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Chloroethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Chloroform	49	0.37	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Chloromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
cis-1,2-Dichloroethene	100	0.25	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
cis-1,3-Dichloropropene	NS	NS	0.0205 J	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Cyclohexane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Dibromochloromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Dichlorodifluoromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Ethyl Benzene	41	1	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Isopropylbenzene	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0359	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
m/p-Xylenes	100+	1.6	0.0108 U	0.0103 U	0.0104 U	0.011 U	0.0104 U	0.0103 U	0.0096 U	0.53 UD	0.0105 U	0.0103 U	0.0092 U	0.47 UD	0.0096 U	0.53 UD	0.0091 UD	0.48 UD	0.0103 U	0.0098 U	0.0099 U	0.0099 U	0.0088 U	0.0092 U	0.0092 U	0.44 UD
Methyl Acetate	NS	NS	0.0162 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0027 J	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0037 J	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Methyl tert-butyl Ether	100	0.93	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Methylcyclohexane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Methylene Chloride	100	0.05	0.0054 U	0.0022 J	0.0035 J	0.0045 J	0.0058	0.0031 J	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0015 J	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
n-Butylbenzene	100	12	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0947	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
n-propylbenzene	100	3.9	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0795	0.59 D	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
o-Xylene	100+	1.6	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
sec-Butylbenzene	100	11	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	2.6 D	2.6 D	0.06	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Styrene	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
t-1,3-Dichloropropene	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
tert-Butylbenzene	100	5.9	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0163	0.27 UD	0.0053 U	0.0052 U	0.0198	0.24 UD	0.0543	0.44 D	0.55 D	0.55 D	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0383	0.22 UD
Tetrachloroethene	19	1.3	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Toluene	100	0.7	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Total Xylenes	100	1.6	0.0054 U	0.0155 U	0.0156 U	0.0165 U	0.0156 U	0.0154 U	0.0144 U	0.8 UD	0.0158 U	0.0155 U	0.0138 U	0.71 UD	0.0144 U	0.8 UD	0.22	0.72 UD	0.0154 U	0.0147 U	0.0149 U	0.0149 U	0.0132 U	0.0138 U	0.0138 U	0.66 UD
trans-1,2-Dichloroethene	100	0.19	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Trichloroethene	21	0.47	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Trichlorofluoromethane	NS	NS	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD
Vinyl Chloride	0.9	0.02	0.0054 U	0.0052 U	0.0052 U	0.0055 U	0.0052 U	0.0051 U	0.0048 U	0.27 UD	0.0053 U	0.0052 U	0.0046 U	0.24 UD	0.0048 U	0.27 UD	0.0046 U	0.24 UD	0.0051 U	0.0049 U	0.005 U	0.005 U	0.0044 U	0.0046 U	0.0046 U	0.22 UD

NOTES:

Results exceeding New York State Department of Environmental Conservation (NYSDEC) Protection of Groundwater Soil Cleanup Objective (PGWSCO) are bolded and shaded yellow.

Results exceeding NYSDEC Restricted Residential Use Soil Cleanup Objective (RRUSCO) are bolded and shaded orange.

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than method detection limit (MDL).

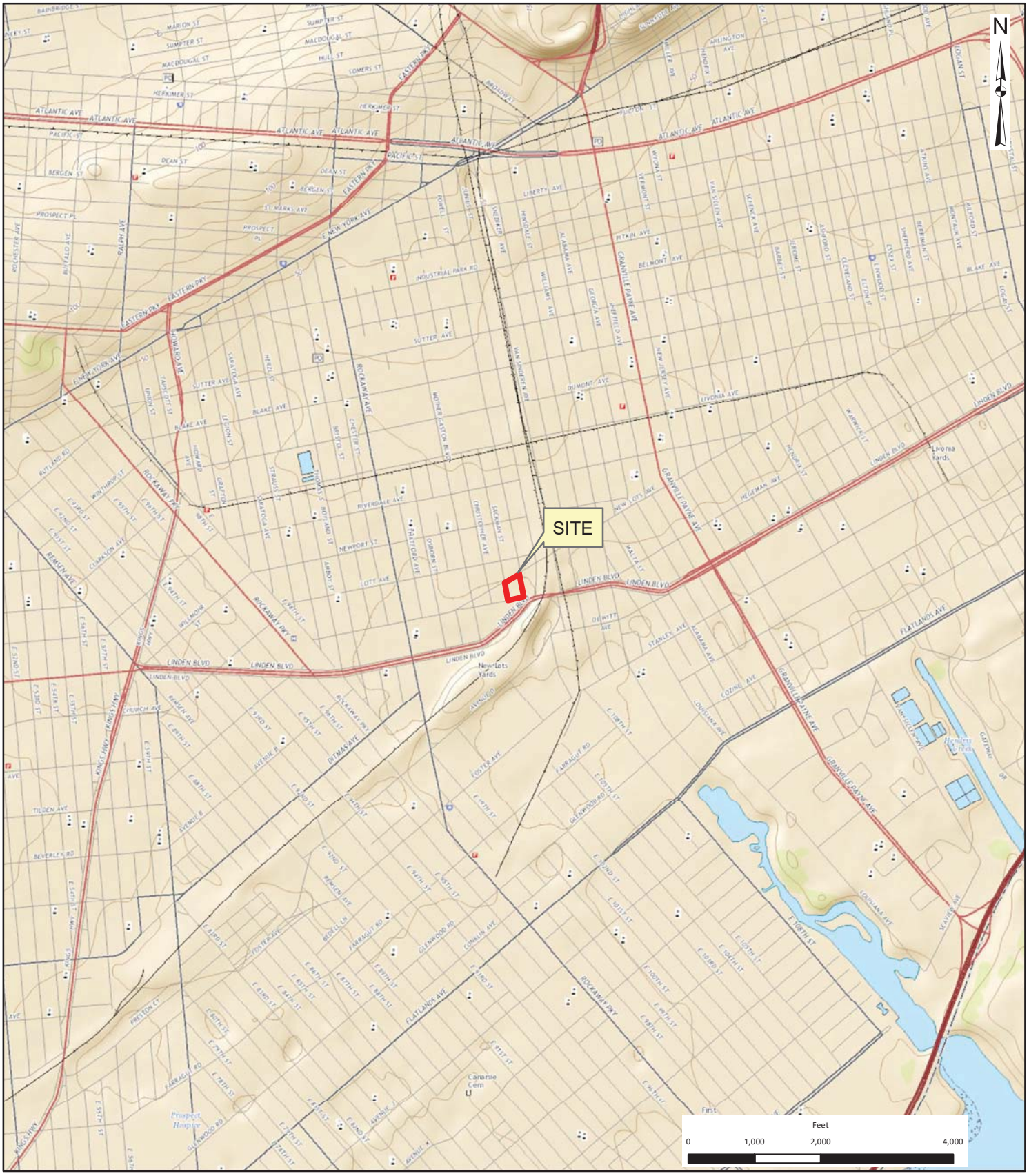
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

mg/kg - milligrams per kilogram

"FD" - Field Duplicate

"ME" - Volatile laboratory method blank

FIGURES



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Ebenezer Plaza 1

Figure 1: Site Location Map

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: US Topo. 2013 - USGSTopo (MapServer) Layer: USGS TNM Topo Base Map. Accessed 8 February 2017

Drawn:	STF
Date:	2/8/2017
Scale:	1 inch equals 2,000 feet
Project:	20918.06
Figure:	1

Document Path: Z:\projects\20900-20999\20918.05 Ebenezer-Procida\GIS\Maps\Ebenezer1-East\East-SiteLocationMap.mxd

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Ebenezer Plaza 1

Figure 2: Orthophoto

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset
NYS Office of Technology 2018 Orthophoto Imagery

Drawn:	STF
Date:	5/23/2019
Scale:	1 inch equals 100 feet
Project:	20918.09
Figure:	2

Document Path: Z:\projects\20900-20999\20918.09_EP-1_2019PIESAUpdate\GIS\Map\20918-UpdatedOrtho.mxd

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NOTE: I

1). PREMISES SHOWN HEREON IS DESINATED ZONE "X" AND IS NOT LOCATED IN AN AREA OF MINIMAL FLOOD HAZARD AREA AS PER (FIRM) -FLOOD INSURANCE RATE MAP NUMBER 3604970021F, COMMUNITY PANEL No. DATED SEPTEMBER 05, 2007.
2). AREA OF LOT No.1, BLOCK No.3862 .AREA= 55,067.75 SQ. FT.

NOTE II:

THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT "CODE OF PRACTICE" OF THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS (N.Y.S.A.P.L.S.)
ALL CERTIFICATIONS HEREON SHALL RUN ONLY TO PERSONS, NAMED HEREON, FOR WHOM THIS SURVEY WAS PREPARED. AND, ON THEIR BEHALF TO ANY, TITLE COMPANY, GOVERNMENT AGENCY OR LENDING INSTITUTION NAMED HEREON.
SAID CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
ANY ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PER SECTION 7209 SUB-SECTION 2.

ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON

LEGAL DESCRIPTION

Block 3862 Lot No.1

ALL that certain plot, piece or parcel of land situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Sackman Street with the southerly side of New Lots Avenue;

THENCE northeasterly along the southeasterly side of New Lots Avenue, 211.94 feet to the corner formed by the southeasterly side of New Lots Avenue with the westerly side of Powell Street;

THENCE southerly along the westerly side of Powell Street, 310.42 feet Surv. (310.45 Deed) (310.43' B.F.S. MAP No.47) to the corner formed by the westerly side of Powell Street with the northerly side of Hegeman Avenue;

THENCE westerly along the northerly side of Hegeman Avenue, 200.00 feet to the corner formed by the intersection of the northerly side of Hegeman Avenue with the easterly side of Sackman Street;

THENCE northerly along the easterly side of Sackman Street, 240.26 feet (Surv.) 240.25 feet (Deed) to the southeasterly side of New Lots Avenue at the point or place of BEGINNING.

THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN NATIONAL STANDARD ABSTRACT, LLC COMMITMENT No. NAS–330475K WITH AN EFFECTIVE DATE OF MAY 24, 2018 AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED REFERENCED IN SAID TITLE COMMITMENT, AND EASEMENTS WHICH THE UNDERSIGNED HAS BEEN ADVISED OR HAS KNOWLEDGE OF, HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS THEIR EFFECT ON THE SUBJECT PROPERTY.

DESIGNATED AS LOT No.01 BLOCK No.3862 AS SHOWN ON THE OFFICIAL TAX MAP OF THE BOROUGH OF BROOKLYN, KINGS COUNTY, CITY AND STATE OF NEW YORK.

C224240 -Ebenezer Plaza 1

FER Figure 2a

Pre-construction Property Boundary Survey

THE Chazen COMPANIES® Proud to be Employee Owned

Survey Map prepared by Ramsey Land Survey for Owner Presented without edit or alteration

LOCATION MAP NOT TO SCALE

NOTE III:

1. The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at the time.
2. All elevations refer to NAVD– 1988 ADJUSTMENT
3. TC38.53 Denotes Top Of Curb elevations in feet.
3a. 23.16 Denotes spot elevations in feet.
3b. (BC123.5) Denotes Bottom of Curb elevations in feet.
4. Field data collected using conventional survey methods.
5. Equipment used: Topcon GPT 3000 Total Station .
6. This is to certify that there are no visible streams or natural water courses across the property as shown on this survey.
7. The Underground Utility Information Shown Hereon Is One Of Several Possible Interpretations Of The Record Data As Provided By The Respective Utility Companies. The Location And Depth Of All Underground Utilities Must Be Verified With The Respective Utility Company Prior To Any Design And Construction Or Excavation.

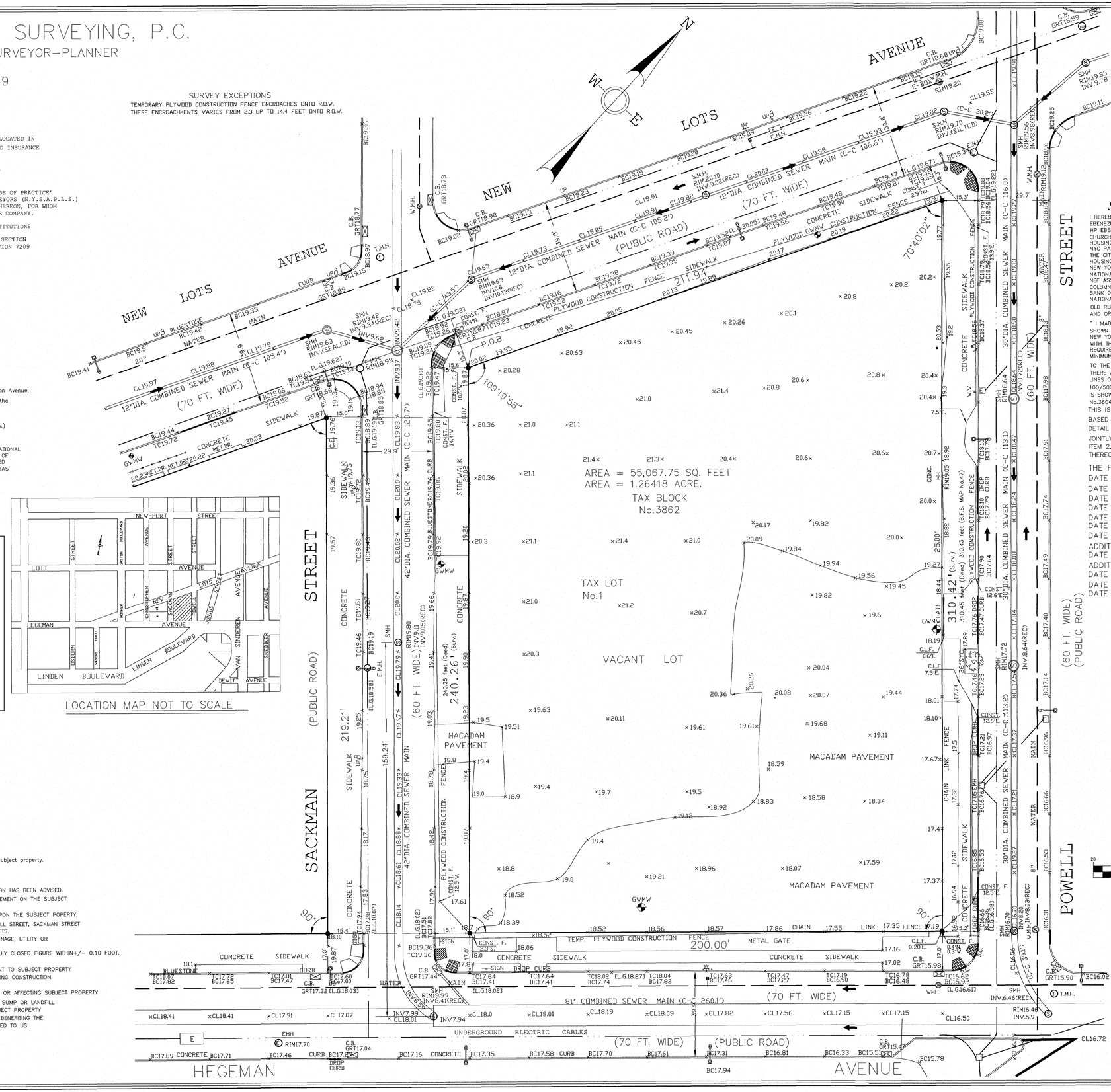
8.There are no observable evidence of cemeteries , graves or burial grounds.on subject property.

9. SUBJECT PROPERTY: a). TAX LOT No.01 IN BLOCK No.3862 IS LOCATED IN M1–1 ZONE ON ZONING MAP No.17D

10. THERE ARE NO VISIBLE EASEMENTS OR RIGHT OF WAY OF WHICH THE UNDERSIGN HAS BEEN ADVISED.
11. THERE ARE OBSERVABLE, ABOVE GROUND ENCROACHMENTS (a) BY THE IMPROVEMENT ON THE SUBJECT PROPERTY UPON ADJOINING STREETS OR ALLEYS.
(b) BY THE IMPROVEMENT ON THE ADJOINING PROPERTIES, STREETS OR ALLEYS, UPON THE SUBJECT POPERTY.
12. THE SUBJECT PROPERTY HAS ACCESS TO AND FROM HEGEMAN AVEENUE, POWELL STREET, SACKMAN STREET AND NEW LOTS AVENUE FOUR DULY DEDICATED AND ACCEPTED PUBLIC STREETS.
13. THE SUBJECT PROPERTY DOES NOT SERVE ANY ADJOINING PROPERTY FOR DRAINAGE, UTILITY OR INGRESS OR EGRESS.
14. THE RECORD DESCRIPTION OF THE SUBJECT PROPERTY FORM A MATHEMATICALLY CLOSED FIGURE WITHIN+/– 0.10 FOOT.
14A THERE ARE NO GAPS OR GORES WITHIN ANY PORTION OF SUBJECT PROPERTY.
15. THERE ARE NO OBSERVED EVIDENCE OR RECORD OF ANY PARTY WALL ADJACENT TO SUBJECT PROPERTY
16. THERE ARE NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS.
17. THERE IS NO PROPOSED CHANGES IN THE RIGHT OF WAY LINES. ADJACENT TO OR AFFECTING SUBJECT PROPERTY
18. THERE IS NO EVIDENCE OF SUBJECT PROPERTY USED AS SOLID WASTE DUMP, SUMP OR LANDFILL
19. THERE IS NO EVIDENCE OF WATERCOURSE OR WETLANDS ON OR ACROSS SUBJECT PROPERTY
20. THERE IS NO IMPROVEMENTS WITHIN ANY OFFSITE EASEMENTS OR SERVITUDES BENEFITING THE SURVEYED PROPERTY THAT AE DISCLOSED IN ANY RECORD DOCUMENTS PROVIDED TO US.

JOB # F15–113_ALT_BLY_47

SURVEY EXCEPTIONS
TEMPORARY PLYWOOD CONSTRUCTION FENCE ENCROACHES ONTO R.O.W.
THESE ENCROACHMENTS VARIES FROM 2.3 UP TO 14.4 FEET ONTO R.O.W.



TITLE No.NSA–330475K

ALTA / NSPS

Land Title Survey

OF

PROPERTY BELONGING

TO

EBENEZER PLAZA OWNER LLC

KNOWN AS

672 POWELL STREET

BOROUGH OF BROOKLYN

SITUATE IN THE

CITY AND

STATE OF NEW YORK.

SURVEYORS CERTIFICATE

I HEREBY CERTIFY TO EBENEZER PLAZA OWNER LLC,
EBENEZER DEVELOPMENT LLC,
HP EBENEZER PLAZA HOUSING DEVELOPMENT FUND COMPANY, INC.
CHURCH OF GOD OF EAST FLATBUSH
HOUSING PARTNERSHIP DEVELOPMENT CORPORATION, ISAOA,
NYC PARTNERSHIP HOUSING DEVELOPMENT FUND COMPANY, INC.
THE CITY OF NEW YORK, acting by and through its DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT, ISAOA,
NEW YORK CITY HOUSING DEVELOPMENT CORPORATION, ISAOA,
NATIONAL EQUITY FUND, INC., ISAOA
NEF ASSIGNMENT CORPORATION, AN ILLINOIS NOT–FOR PROFIT CORPORATION
COLUMN FINANCIAL, INC., A DELAWARE CORPORATION, ISAOA
BANK OF AMERICA, ISAOA
NATIONAL STANDARD ABSTRACT LLC.
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY AND TO THEIR RESPECTIVE SUCCESSORS AND OR ASSIGNS, AS THEIR INTEREST MAY APPEAR THAT:

" I MADE AN ON THE GROUND SURVEY PER RECORD DESCRIPTION OF THE LAND SHOWN HEREON LOCATED IN THE BOROUGH OF THE BRONX, CITY AND STATE OF NEW YORK ON JULY 17, 2015; AND THAT IT AND THIS MAP WAS MADE IN ACCORDANCE WITH THE HUD SURVEY INSTRUCTIONS AND REPORT, HUD 92457M, AND THE REQUIREMENTS FOR AN ALTA/NSPS LAND TITLE SURVEY, AS DEFINED IN THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND INFORMATION, EXCEPT AS SHOWN HEREON: THERE ARE NO ENCROACHMENTS EITHER WAY ACROSS PROPERTY LINES; TITLE LINES AND LINES OF ACTUAL POSSESSION ARE THE SAME; AND THE PREMISES ARE FREE OF ANY 100/500 YEAR RETURN FREQUENCY FLOOD HAZARD, AND SUCH FLOOD FREE CONDITIONS IS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No.3604970217F."

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ NSPS LAND TITLE SURVEYS,

JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEM 2,3,4,5,6A,6B,7A,7B–1,8,9,10,10B,11A,11B,12,13,14,15,16,17 & 20 OF TABLE A THEREOF.

THE FIELDWORK WAS COMPLETED ON JULY 17, 2015
DATE MAP DRAFTED : AUGUST 04, 2015
DATE MAP UPDATE : MARCH 29, 2016
DATE MAP UPDATE : APRIL 04, 2016
DATE MAP UPDATE : AUGUST 17, 2016
DATE MAP UPDATE : AUGUST 29, 2016
DATE MAP UPDATE : OCTOBER 01, 2016
DATE MAP UPDATE : JULY 07, 2017
ADDITIONAL FIELDWORK COMPLETED ON OCTOBER 19, 2017
DATE MAP UPDATE : OCTOBER 28, 2017
ADDITIONAL FIELDWORK COMPLETED ON JUNE 01, 2018
DATE MAP UPDATE : JUNE 05, 2018
DATE MAP UPDATE : JUNE 19, 2018
DATE MAP UPDATE : JUNE 20, 2018

LEGEND

- FIRE HYDRANT
- DRAIN MANHOLE
- WATER MANHOLE
- SEWER MANHOLE
- CATCH BASIN
- GAS VALVE
- WATER VALVE
- PEDESTRIAN RAMP
- STREET LIGHT — L.P.
- UTILITY POLE
- TREE/DIA./NAME — 16"SYC.
- TOP OF CURB ELEVATION — TCXXX
- BOT. OF CURB ELEVATION — BCXXX
- SPOT ELEVATION — ELXXX
- LEGAL GRADE — [L.G.XXXX]
- LEGAL GRADE — [L.G.XXXX]
- DROP CURB
- UNDERGROUND ELECTRIC CABLE
- ELECTRIC BOX
- TRAFFIC SIGN — SIGN
- GAS MAIN
- WATER MAIN
- SEWER MAIN
- CABLE TV

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

Signature:

DATE: JUNE 19, 2018

NAME : NEVILLE V. RAMSAY

Registration No: 050294–1

THE Chazen COMPANIES®
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LAND SURVEYORS
PLANNERS
ENVIRONMENTAL & SAFETY PROFESSIONALS
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21 Fox Street, Poughkeepsie, NY 12601
Phone: (845) 454-3980

Capital District Office:
547 River Street, Troy, NY 12180
Phone: (518) 273-0055

North Country Office:
375 Bay Road, Queensbury, NY 12804
Phone: (518) 812-0513

Ebenezer Plaza 1

Figure 3: Tax Map

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads dataset;
NYC.gov Digital Tax Map Service, Accessed 10/6/2017

Drawn:	BWF
Date:	08/13/2019
Scale:	1 inch equals 100 feet
Project:	20918.06
Figure:	3

Document Path: Z:\projects\20900-20999\20918.06 EP-1\FER\FIGURES\Figure 3_Tax Map.mxd

RAMSAY LAND SURVEYING, P.C.

PROFESSIONAL LAND SURVEYOR–PLANNER
3024 RADCLIFF AVENUE
BRONX, NEW YORK 10469
Ph. (646) 773–4588
Ph. (917) 54–8174
FAX (718) 231–2067

NOTE: I

1). PREMISES SHOWN HEREON IS DESINATED ZONE "X" AND IS NOT LOCATED IN AN AREA OF MINIMAL FLOOD HAZARD AREA AS PER (FIRM) -FLOOD INSURANCE RATE MAP NUMBER 3604970021F, COMMUNITY PANEL No. DATED SEPTEMBER 05, 2007.
2). AREA OF LOT No.1, BLOCK No.3862 .AREA= 55,067.75 SQ. FT.

NOTE II:

THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT "CODE OF PRACTICE" OF THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS (N.Y.S.A.P.L.S.)
ALL CERTIFICATIONS HEREON SHALL RUN ONLY TO PERSONS, NAMED HEREON, FOR WHOM THIS SURVEY WAS PREPARED. AND, ON THEIR BEHALF TO ANY, TITLE COMPANY, GOVERNMENT AGENCY OR LENDING INSTITUTION NAMED HEREON.
SAID CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
ANY ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PER SECTION 7209 SUB-SECTION 2.

ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON

LEGAL DESCRIPTION

Block 3862 Lot No.1

ALL that certain plot, piece or parcel of land situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Sackman Street with the southerly side of New Lots Avenue;

THENCE northeasterly along the southeasterly side of New Lots Avenue, 211.94 feet to the corner formed by the southeasterly side of New Lots Avenue with the westerly side of Powell Street;

THENCE southerly along the westerly side of Powell Street, 310.42 feet Surv. (310.45 Deed) (310.43' B.F.S. MAP No.47) to the corner formed by the westerly side of Powell Street with the northerly side of Hegeman Avenue;

THENCE westerly along the northerly side of Hegeman Avenue, 200.00 feet to the corner formed by the intersection of the northerly side of Hegeman Avenue with the easterly side of Sackman Street;

THENCE northerly along the easterly side of Sackman Street, 240.26 feet (Surv.) 240.25 feet (Deed) to the southeasterly side of New Lots Avenue at the point or place of BEGINNING.

THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN NATIONAL STANDARD ABSTRACT, LLC COMMITMENT No. NAS–330475K WITH AN EFFECTIVE DATE OF MAY 24, 2018 AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED REFERENCED IN SAID TITLE COMMITMENT, AND EASEMENTS WHICH THE UNDERSIGNED HAS BEEN ADVISED OR HAS KNOWLEDGE OF, HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS THEIR EFFECT ON THE SUBJECT PROPERTY.

DESIGNATED AS LOT No.01 BLOCK No.3862 AS SHOWN ON THE OFFICIAL TAX MAP OF THE BOROUGH OF BROOKLYN, KINGS COUNTY, CITY AND STATE OF NEW YORK.

LOCATION MAP NOT TO SCALE

NOTE III:

1. The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at the time.
2. All elevations refer to NAVD– 1988 ADJUSTMENT
3. TC38.53 Denotes Top Of Curb elevations in feet.
3a. 23.16 Denotes spot elevations in feet.
3b. (BC123.5) Denotes Bottom of Curb elevations in feet.
4. Field data collected using conventional survey methods.
5. Equipment used: Topcon GPT 3000 Total Station .
6. This is to certify that there are no visible streams or natural water courses across the property as shown on this survey.
7. The Underground Utility Information Shown Hereon Is One Of Several Possible Interpretations Of The Record Data As Provided By The Respective Utility Companies. The Location And Depth Of All Underground Utilities Must Be Verified With The Respective Utility Company Prior To Any Design And Construction Or Excavation.
8. There are no observable evidence of cemeteries , graves or burial grounds.on subject property.
9. SUBJECT PROPERTY: a). TAX LOT No.01 IN BLOCK No.3862 IS LOCATED IN M1–1 ZONE ON ZONING MAP No.17D
10. THERE ARE NO VISIBLE EASEMENTS OR RIGHT OF WAY OF WHICH THE UNDERSIGN HAS BEEN ADVISED.
11. THERE ARE OBSERVABLE, ABOVE GROUND ENCROACHMENTS (a) BY THE IMPROVEMENT ON THE SUBJECT PROPERTY UPON ADJOINING STREETS OR ALLEYS.
(b) BY THE IMPROVEMENT ON THE ADJOINING PROPERTIES, STREETS OR ALLEYS, UPON THE SUBJECT POPERTY.
12. THE SUBJECT PROPERTY HAS ACCESS TO AND FROM HEGEMAN AVEENUE, POWELL STREET, SACKMAN STREET AND NEW LOTS AVENUE FOUR DULY DEDICATED AND ACCEPTED PUBLIC STREETS.
13. THE SUBJECT PROPERTY DOES NOT SERVE ANY ADJOINING PROPERTY FOR DRAINAGE, UTILITY OR INGRESS OR EGRESS.
14. THE RECORD DESCRIPTION OF THE SUBJECT PROPERTY FORM A MATHEMATICALLY CLOSED FIGURE WITHIN+/– 0.10 FOOT.
14A THERE ARE NO GAPS OR GORES WITHIN ANY PORTION OF SUBJECT PROPERTY.
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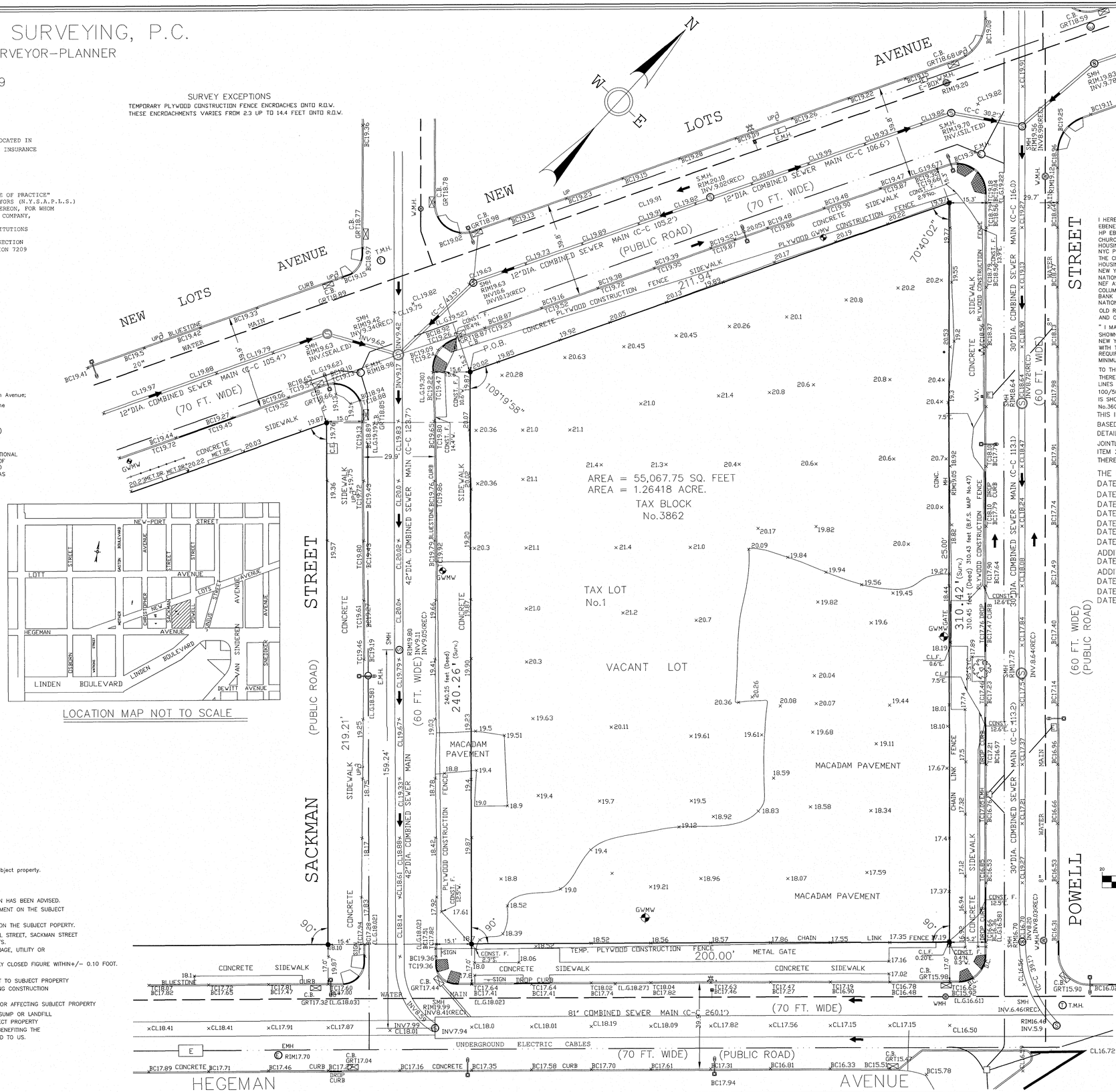
17. THERE IS NO PROPOSED CHANGES IN THE RIGHT OF WAY LINES. ADJACENT TO OR AFFECTING SUBJECT PROPERTY
18. THERE IS NO EVIDENCE OF SUBJECT PROPERTY USED AS SOLID WASTE DUMP, SUMP OR LANDFILL
19. THERE IS NO EVIDENCE OF WATERCOURSE OR WETLANDS ON OR ACROSS SUBJECT PROPERTY
20. THERE IS NO IMPROVEMENTS WITHIN ANY OFFSITE EASEMENTS OR SERVITUDES BENEFITING THE SURVEYED PROPERTY THAT AE DISCLOSED IN ANY RECORD DOCUMENTS PROVIDED TO US.

JOB # F15–113_ALT_BLY_47

SURVEY EXCEPTIONS
TEMPORARY PLYWOOD CONSTRUCTION FENCE ENCROACHES ONTO R.O.W.
THESE ENCROACHMENTS VARIES FROM 2.3 UP TO 14.4 FEET ONTO R.O.W.


NEW LOTS AVENUE
(70 FT. WIDE)
12'DIA. COMBINED SEWER MAIN (C-C 105.4')
12"DIA. COMBINED SEWER MAIN (C-C 105.2')
12"DIA. COMBINED SEWER MAIN (C-C 106.6')
(PUBLIC ROAD)
P.O.B.
109°19'58"
70°40'02"
CONCRETE PLYWOOD CONSTRUCTION FENCE
211.94'
SIDEWALK
CONCRETE
20.22
20.19
20.17
20.13
SACKMAN STREET
(PUBLIC ROAD)
219.21'
42"DIA. COMBINED SEWER MAIN
(60 FT. WIDE)
240.26' (Surv.)
240.25 feet (Deed)
159.24'
MACADAM PAVEMENT
PLYWOOD CONSTRUCTION FENCE
AREA = 55,067.75 SQ. FEET
AREA = 1.26418 ACRE.
TAX BLOCK No.3862
TAX LOT No.1
VACANT LOT
MACADAM PAVEMENT
GWMW
GATE
310.42' (Surv.)
310.45 feet (Deed)
30"DIA. COMBINED SEWER MAIN (C-C 116.0')
30"DIA. COMBINED SEWER MAIN (C-C 113.1')
30"DIA. COMBINED SEWER MAIN (C-C 113.2')
(60 FT. WIDE)
(PUBLIC ROAD)
POWELL STREET
CONCRETE
SIDEWALK
CURB
DROP CURB
CONST. F.
CHAIN LINK FENCE
METAL GATE
200.00'
81" COMBINED SEWER MAIN (C-C 260.1')
(70 FT. WIDE)
UNDERGROUND ELECTRIC CABLES
HEGEMAN AVENUE
WATER MAIN
SEWER MAIN
CABLE TV
S.M.H.
C.B.
E.M.H.
W.M.H.
T.M.H.
V.V.
F-BOX-W.M.H.
SMH RIM19.70 INV.(SILTED)
SMH RIM19.63 INV.(SEALED)
SMH RIM19.42 INV9.34(REC)
SMH RIM19.80 INV9.05(REC)
SMH RIM20.10 INV9.02(REC)
SMH RIM19.63 INV10.6 INV10.13(REC)
SMH RIM19.56 INV8.98(REC)
SMH RIM19.83 INV.9.78
SMH RIM19.00 INV8.72(REC)
SMH RIM19.05 INV8.43(REC)
SMH INV8.64(REC)
SMH RIM17.70 INV7.99 INV8.41(REC)
SMH RIM17.72 INV.8.64(REC)
SMH RIM18.64 INV8.72(REC)
SMH RIM16.70 INV8.20 INV6.03(REC)
SMH INV.6.46(REC)
SMH RIM19.99 INV8.41(REC)
SMH RIM16.48 INV.5.9
C.B. GRT18.99
C.B. GRT18.68 UP3
C.B. GRT18.66
C.B. GRT18.98
C.B. GRT18.77
C.B. GRT18.78
C.B. GRT18.89
C.B. GRT18.94
C.B. GRT18.88
C.B. GRT17.60
C.B. GRT17.32
C.B. GRT17.04
C.B. GRT17.44
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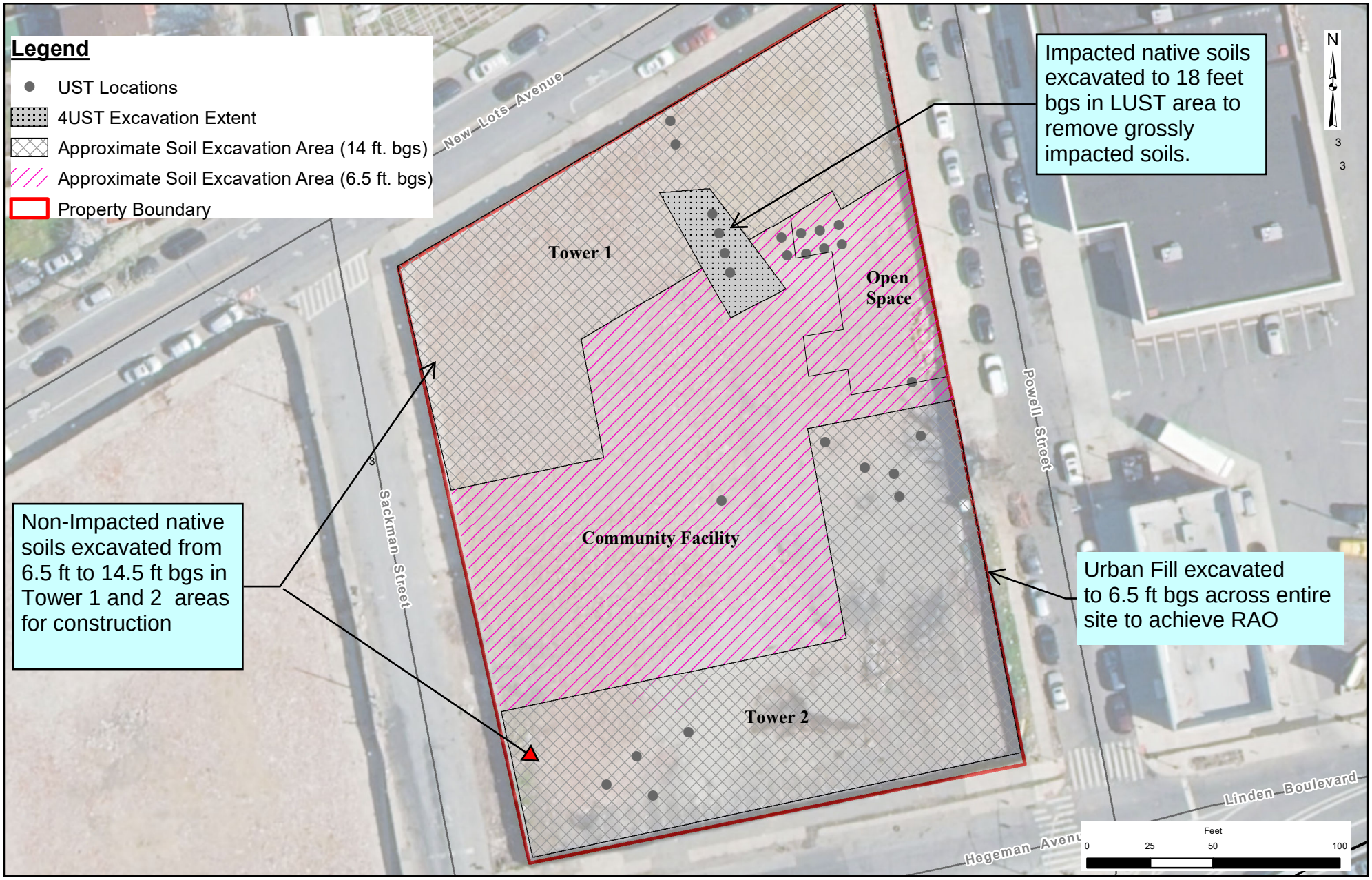

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Ebenezer Plaza 1 - BCP Site No. C224240

Figure 4: Remedial Action Excavation Areas and UST Locations

96 New Lots Ave & 672 Powell Street, Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2013 Orthophoto Imagery

Drawn:	BWF
Date:	8/26/2019
Scale:	1 inch equals 52 feet
Project:	20918.06
Figure:	4

Tank No.	Item and Description	Contents
1	1,500-gallon steel UST	~200 gal Oily water*
2	1,500-gallon steel UST	~600 gal Weathered Product
3	1,500-gallon steel UST	~1,200 gal Mineral spirit
4	1,500-gallon steel UST	~1,200 gal Mineral spirit
5	1,500-gallon steel UST	Sand, minimal water
6	1,500-gallon steel UST	Sand, minimal water
7	1,500-gallon steel UST	Sand, minimal water
8	1,500-gallon steel UST	Sand, minimal water
9	750-gallon steel UST	Sand, minimal water
10	1,200-gallon steel UST	Sand, minimal water
11	1,200-gallon steel UST	Sand, minimal water
12	1,200-gallon steel UST	Sand, minimal water
13	300 gallon steel UST	Empty / dry*
14	Steel shell-and-tube boiler	Empty / dry
15	275-gallon steel UST	Oily sludge
16	275-gallon steel UST	Oily water*
17	275-gallon steel UST	Minimal dry soil
18	275-gallon steel UST	Oily sludge
19	275-gallon steel UST	Oily sludge
20	275-gallon steel UST	~ 70 gallons oily sludge
21	240-gallon steel UST	Product/sludge
22	100-gallon steel tank	Minimal dry soil
23	50-gallon steel tank	Minimal dry soil
24	50-gallon steel tank	Minimal dry soil
25	500-gallon UST	~225 gallons water, trace oil
26	275-gallon steel UST	Empty

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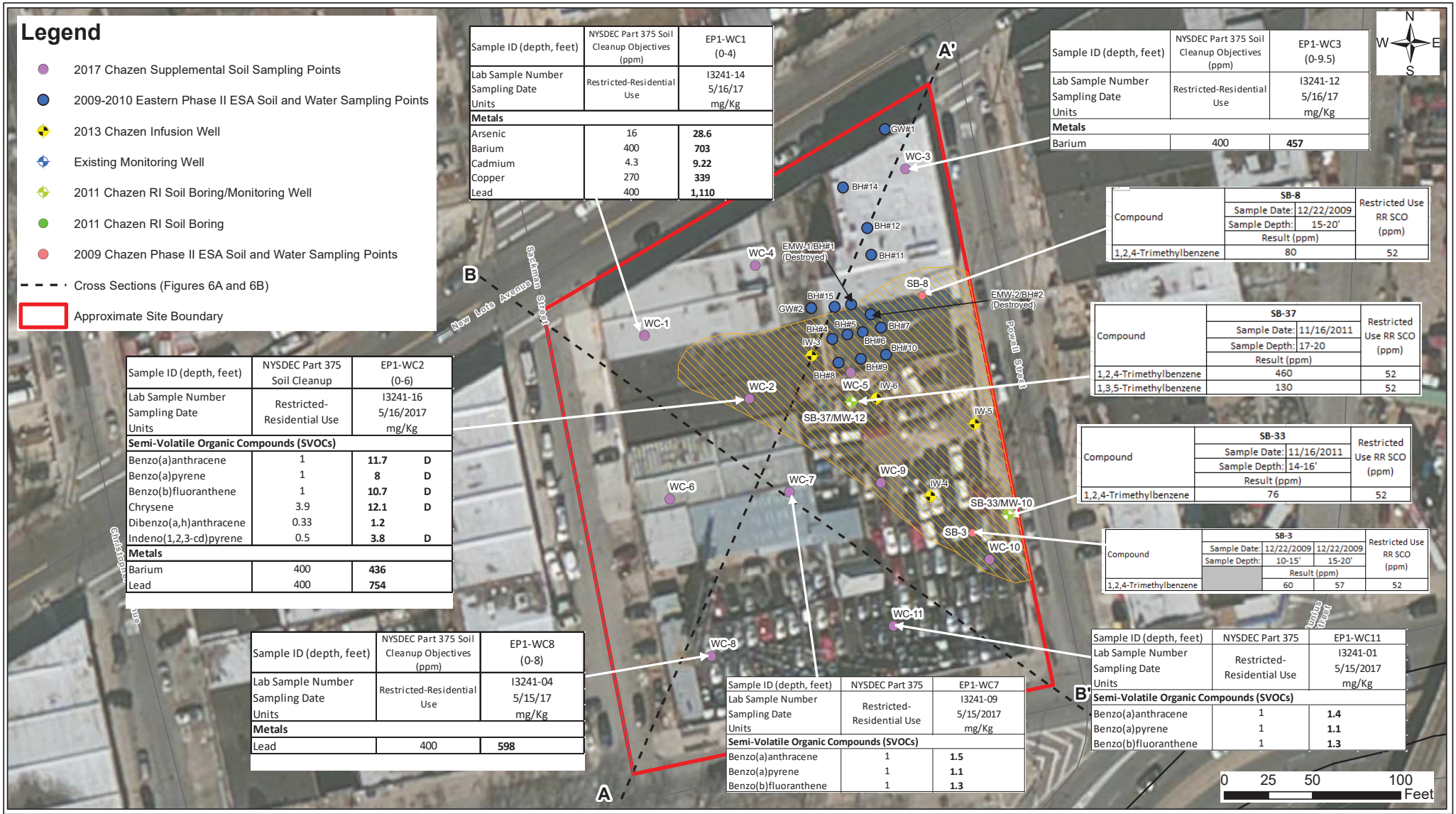
Ebenezer Plaza 1 - BCP Site No. C224240

Figure 4a: UST Locations

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2013 Orthophoto Imagery

Drawn:	BWF
Date:	8/26/2019
Scale:	1 inch equals 52 feet
Project:	20918.06
Figure:	1



Sample ID (depth, feet)	NYSDEC Part 375 Soil Cleanup Objectives (ppm)	EP1-WC1 (0-4)
Lab Sample Number	Restricted-Residential Use	I3241-14
Sampling Date		5/16/17
Units		mg/Kg
Metals		
Arsenic	16	**28.6**
Barium	400	**703**
Cadmium	4.3	**9.22**
Copper	270	**339**
Lead	400	**1,110**

Sample ID (depth, feet)	NYSDEC Part 375 Soil Cleanup Objectives (ppm)	EP1-WC3 (0-9.5)
Lab Sample Number	Restricted-Residential Use	I3241-12
Sampling Date		5/16/17
Units		mg/Kg
Metals		
Barium	400	**457**

Compound	SB-8 Sample Date: 12/22/2009 Sample Depth: 15-20' Result (ppm)	Restricted Use RR SCO (ppm)
1,2,4-Trimethylbenzene	80	52

Compound	SB-37 Sample Date: 11/16/2011 Sample Depth: 17-20 Result (ppm)	Restricted Use RR SCO (ppm)
1,2,4-Trimethylbenzene	460	52
1,3,5-Trimethylbenzene	130	52

Compound	SB-33 Sample Date: 11/16/2011 Sample Depth: 14-16' Result (ppm)	Restricted Use RR SCO (ppm)
1,2,4-Trimethylbenzene	76	52

Compound	SB-3 Sample Date: 12/22/2009 Sample Depth: 10-15' Result (ppm)	SB-3 Sample Date: 12/22/2009 Sample Depth: 15-20' Result (ppm)	Restricted Use RR SCO (ppm)
1,2,4-Trimethylbenzene	60	57	52

Sample ID (depth, feet)	NYSDEC Part 375 Soil Cleanup	EP1-WC2 (0-6)	
Lab Sample Number	Restricted-Residential Use	I3241-16	
Sampling Date		5/16/2017	
Units		mg/Kg	
Semi-Volatile Organic Compounds (SVOCs)			
Benzo(a)anthracene	1	**11.7**	D
Benzo(a)pyrene	1	**8**	D
Benzo(b)fluoranthene	1	**10.7**	D
Chrysene	3.9	**12.1**	D
Dibenzo(a,h)anthracene	0.33	**1.2**	
Indeno(1,2,3-cd)pyrene	0.5	**3.8**	D
Metals			
Barium	400	**436**	
Lead	400	**754**	

Sample ID (depth, feet)	NYSDEC Part 375 Soil Cleanup Objectives (ppm)	EP1-WC8 (0-8)
Lab Sample Number	Restricted-Residential Use	I3241-04
Sampling Date		5/15/17
Units		mg/Kg
Metals		
Lead	400	**598**

Sample ID (depth, feet)	NYSDEC Part 375	EP1-WC7
Lab Sample Number	Restricted-Residential Use	I3241-09
Sampling Date		5/15/2017
Units		mg/Kg
Semi-Volatile Organic Compounds (SVOCs)		
Benzo(a)anthracene	1	**1.5**
Benzo(a)pyrene	1	**1.1**
Benzo(b)fluoranthene	1	**1.3**

Sample ID (depth, feet)	NYSDEC Part 375	EP1-WC11
Lab Sample Number	Restricted-Residential Use	I3241-01
Sampling Date		5/15/2017
Units		mg/Kg
Semi-Volatile Organic Compounds (SVOCs)		
Benzo(a)anthracene	1	**1.4**
Benzo(a)pyrene	1	**1.1**
Benzo(b)fluoranthene	1	**1.3**

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Ebenezer Plaza 1 - BCP Site No. C224240

Figure 5: Stratigraphic Transects Location Map
96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2015 Orthophoto Imagery

Drawn:	MJM
Date:	08/24/2017
Scale:	1 inch = 50 feet
Project:	20918.05
Figure:	4

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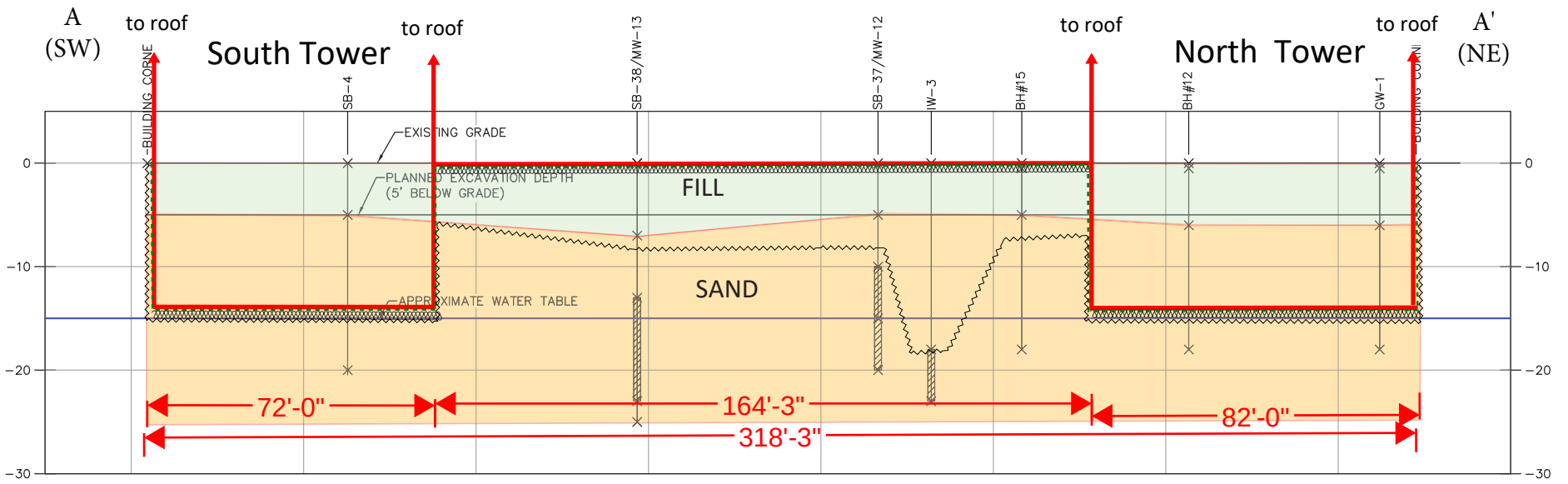

limits of excavated soils

SSDS

VBS

New Structures

40'-0"

scale

Vx = 2.5:1

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EBENEZER PLAZA 1

Figure 5a:

CROSS SECTION A-A'

BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

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sheet no.	
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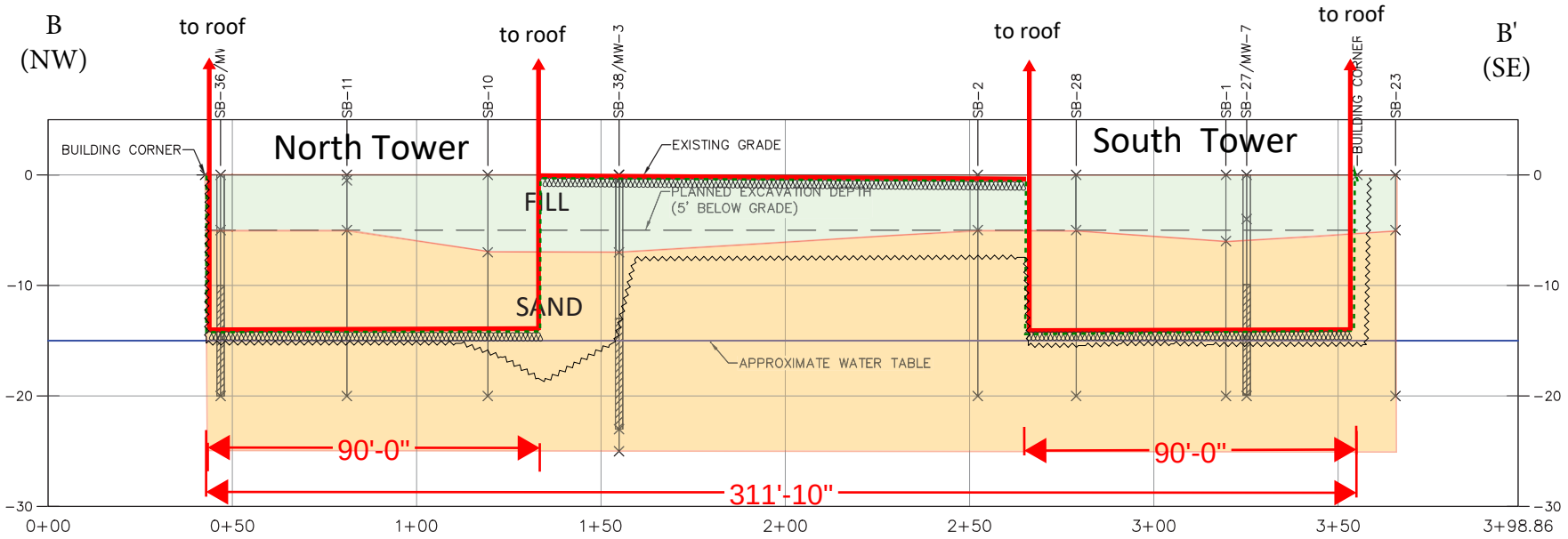

limits of excavated soils

SSDS

VBS

New Structures

40'-0"

scale

Vx = 2.5:1

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EBENEZER PLAZA 1

Figure 5b:
CROSS SECTION
B-B'

BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

designed	checked
LEG	WGO
date	scale
11/16/16	AS SHOWN
project no.	
20918.05	
sheet no.	
Figure 4b	

Drawing Name: Z:\projects\20900-20999\20918.05 Ebenezer-Procida\GIS\Ebenezer 1.dwg Date Printed: Nov 18, 2016, 4:46pm

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Ebenezer Plaza 1 - BCP Site No. C224240

Figure 6: Post Excavation Confirmation Soil Sample Locations

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2013 Orthophoto Imagery

Drawn:	BWF
Date:	9/30/2019
Scale:	1 inch = 42 feet
Project:	20918.06
Figure:	6

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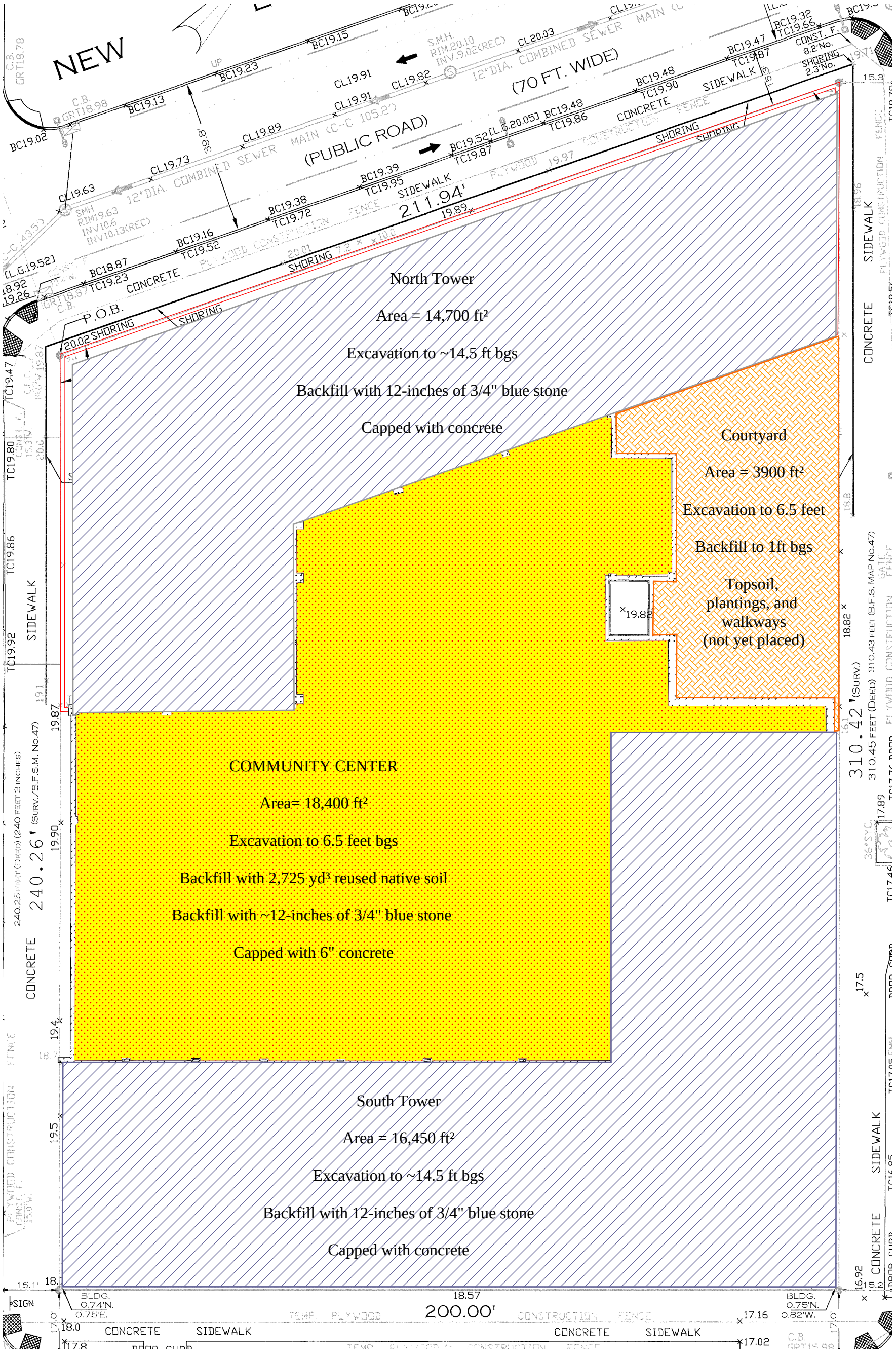

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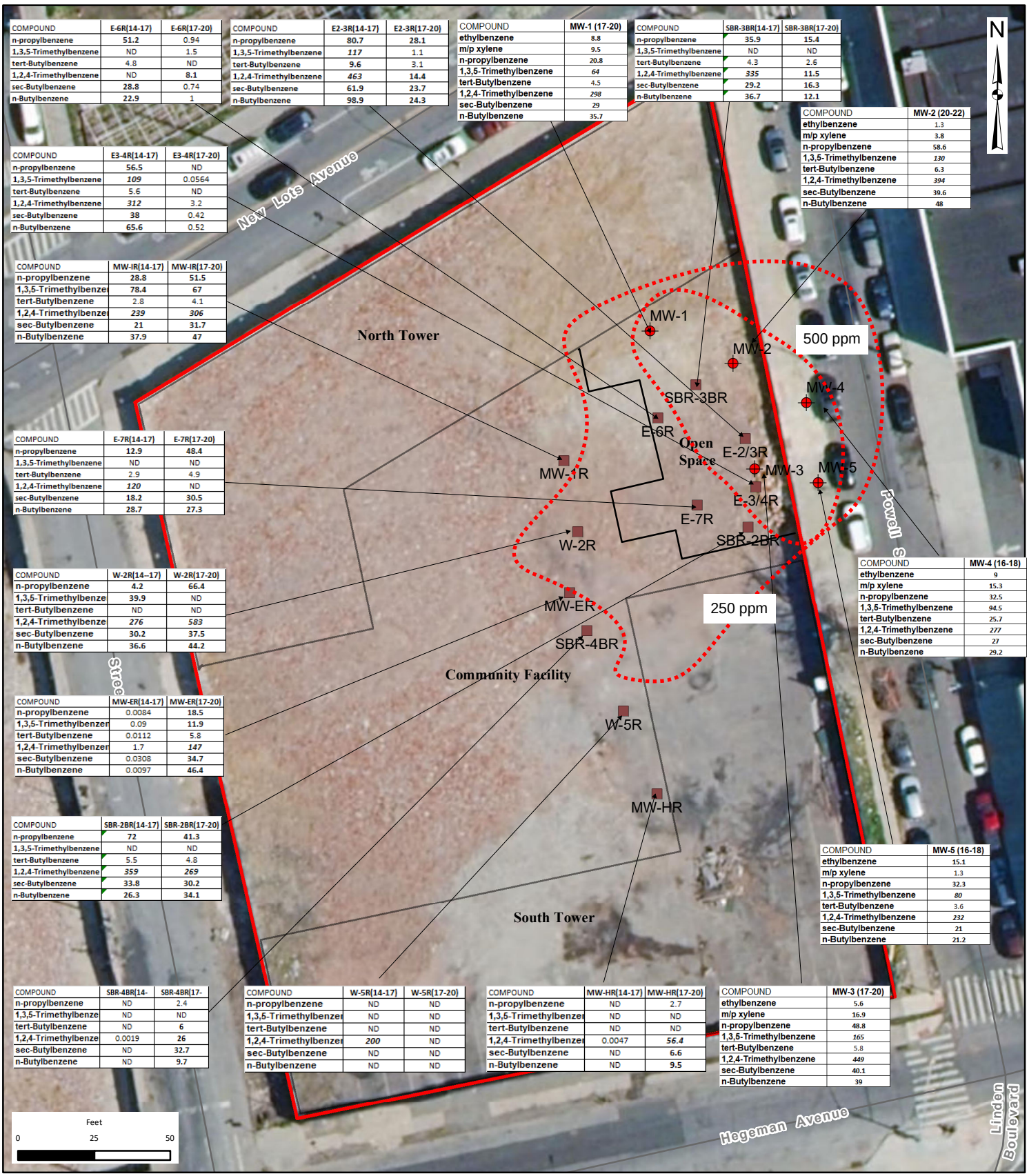
Ebenezer Plaza 1
Site C224240

Figure 7 Backfill Placement Locations Map



COMPOUND	E-6R(14-17)	E-6R(17-20)
n-propylbenzene	51.2	0.94
1,3,5-Trimethylbenzene	ND	1.5
tert-Butylbenzene	4.8	ND
1,2,4-Trimethylbenzene	ND	8.1
sec-Butylbenzene	28.8	0.74
n-Butylbenzene	22.9	1

COMPOUND	E2-3R(14-17)	E2-3R(17-20)
n-propylbenzene	80.7	28.1
1,3,5-Trimethylbenzene	*117*	1.1
tert-Butylbenzene	9.6	3.1
1,2,4-Trimethylbenzene	*463*	14.4
sec-Butylbenzene	61.9	23.7
n-Butylbenzene	98.9	24.3

COMPOUND	MW-1 (17-20)
ethylbenzene	8.8
m/p xylene	9.5
n-propylbenzene	20.8
1,3,5-Trimethylbenzene	*64*
tert-Butylbenzene	4.5
1,2,4-Trimethylbenzene	*298*
sec-Butylbenzene	29
n-Butylbenzene	35.7

COMPOUND	SBR-3BR(14-17)	SBR-3BR(17-20)
n-propylbenzene	35.9	15.4
1,3,5-Trimethylbenzene	ND	ND
tert-Butylbenzene	4.3	2.6
1,2,4-Trimethylbenzene	*335*	11.5
sec-Butylbenzene	29.2	16.3
n-Butylbenzene	36.7	12.1

COMPOUND	MW-2 (20-22)
ethylbenzene	1.3
m/p xylene	3.8
n-propylbenzene	58.6
1,3,5-Trimethylbenzene	*130*
tert-Butylbenzene	6.3
1,2,4-Trimethylbenzene	*394*
sec-Butylbenzene	39.6
n-Butylbenzene	48

COMPOUND	E3-4R(14-17)	E3-4R(17-20)
n-propylbenzene	56.5	ND
1,3,5-Trimethylbenzene	*109*	0.0564
tert-Butylbenzene	5.6	ND
1,2,4-Trimethylbenzene	*312*	3.2
sec-Butylbenzene	38	0.42
n-Butylbenzene	65.6	0.52

COMPOUND	MW-IR(14-17)	MW-IR(17-20)
n-propylbenzene	28.8	51.5
1,3,5-Trimethylbenzer	78.4	67
tert-Butylbenzene	2.8	4.1
1,2,4-Trimethylbenzer	*239*	*306*
sec-Butylbenzene	21	31.7
n-Butylbenzene	37.9	47

COMPOUND	E-7R(14-17)	E-7R(17-20)
n-propylbenzene	12.9	48.4
1,3,5-Trimethylbenzene	ND	ND
tert-Butylbenzene	2.9	4.9
1,2,4-Trimethylbenzene	*120*	ND
sec-Butylbenzene	18.2	30.5
n-Butylbenzene	28.7	27.3

COMPOUND	W-2R(14--17)	W-2R(17-20)
n-propylbenzene	4.2	66.4
1,3,5-Trimethylbenze	39.9	ND
tert-Butylbenzene	ND	ND
1,2,4-Trimethylbenze	*276*	*583*
sec-Butylbenzene	30.2	37.5
n-Butylbenzene	36.6	44.2

COMPOUND	MW-4 (16-18)
ethylbenzene	9
m/p xylene	15.3
n-propylbenzene	32.5
1,3,5-Trimethylbenzene	94.5
tert-Butylbenzene	25.7
1,2,4-Trimethylbenzene	*277*
sec-Butylbenzene	27
n-Butylbenzene	29.2

COMPOUND	MW-ER(14-17)	MW-ER(17-20)
n-propylbenzene	0.0084	18.5
1,3,5-Trimethylbenzer	0.09	11.9
tert-Butylbenzene	0.0112	5.8
1,2,4-Trimethylbenzer	1.7	*147*
sec-Butylbenzene	0.0308	34.7
n-Butylbenzene	0.0097	46.4

COMPOUND	SBR-2BR(14-17)	SBR-2BR(17-20)
n-propylbenzene	72	41.3
1,3,5-Trimethylbenzene	ND	ND
tert-Butylbenzene	5.5	4.8
1,2,4-Trimethylbenzene	*359*	*269*
sec-Butylbenzene	33.8	30.2
n-Butylbenzene	26.3	34.1

COMPOUND	MW-5 (16-18)
ethylbenzene	15.1
m/p xylene	1.3
n-propylbenzene	32.3
1,3,5-Trimethylbenzene	*80*
tert-Butylbenzene	3.6
1,2,4-Trimethylbenzene	*232*
sec-Butylbenzene	21
n-Butylbenzene	21.2

COMPOUND	SBR-4BR(14-	SBR-4BR(17-
n-propylbenzene	ND	2.4
1,3,5-Trimethylbenze	ND	ND
tert-Butylbenzene	ND	6
1,2,4-Trimethylbenze	0.0019	26
sec-Butylbenzene	ND	32.7
n-Butylbenzene	ND	9.7

COMPOUND	W-5R(14-17)	W-5R(17-20)
n-propylbenzene	ND	ND
1,3,5-Trimethylbenzer	ND	ND
tert-Butylbenzene	ND	ND
1,2,4-Trimethylbenzer	*200*	ND
sec-Butylbenzene	ND	ND
n-Butylbenzene	ND	ND

COMPOUND	MW-HR(14-17)	MW-HR(17-20)
n-propylbenzene	ND	2.7
1,3,5-Trimethylbenzer	ND	ND
tert-Butylbenzene	ND	ND
1,2,4-Trimethylbenzer	0.0047	*56.4*
sec-Butylbenzene	ND	6.6
n-Butylbenzene	ND	9.5

COMPOUND	MW-3 (17-20)
ethylbenzene	5.6
m/p xylene	16.9
n-propylbenzene	48.8
1,3,5-Trimethylbenzene	*165*
tert-Butylbenzene	5.8
1,2,4-Trimethylbenzene	*449*
sec-Butylbenzene	40.1
n-Butylbenzene	39

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North Country Office:
375 Bay Road, Queensbury, NY 12804
Phone: (518) 812-0513

Ebenezer Plaza 1

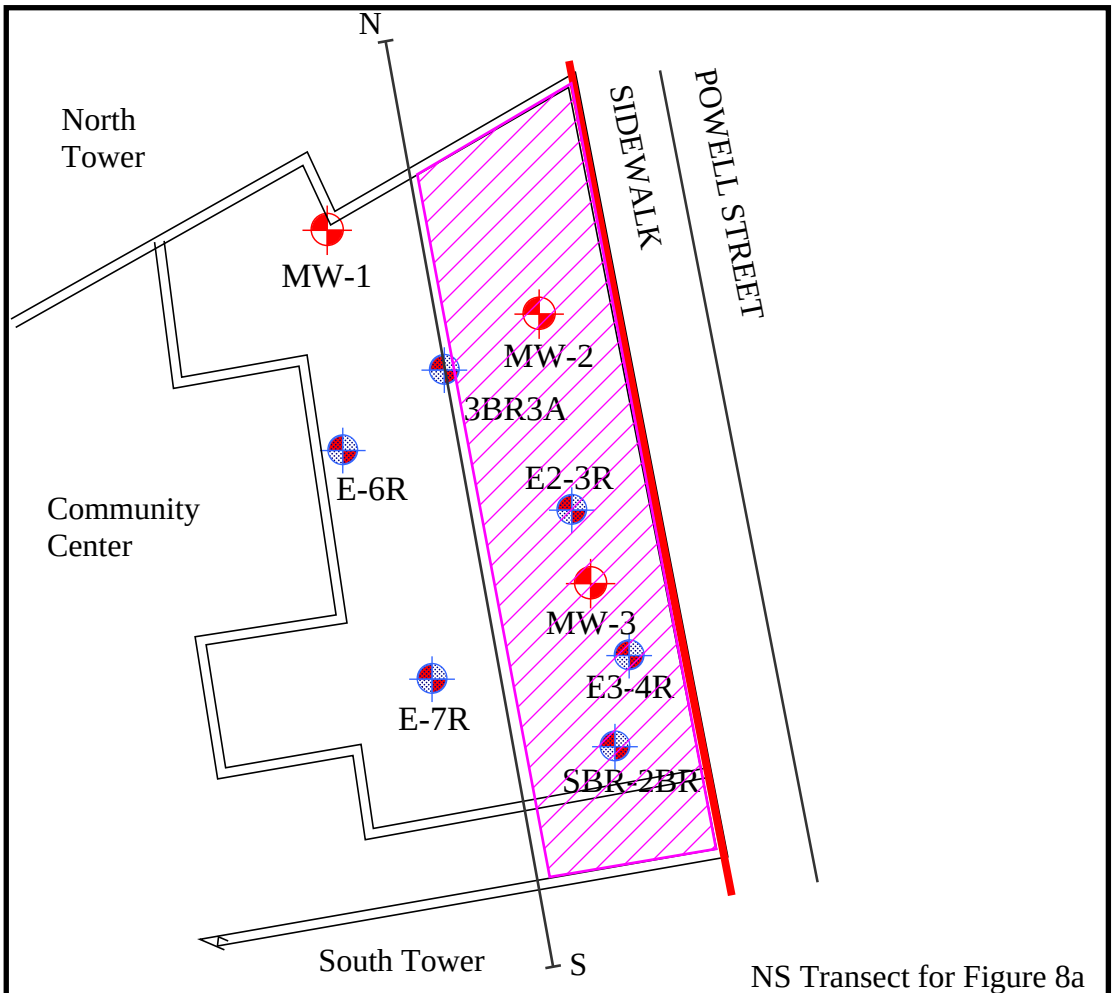
Figure 6: Remaining Soil Sample Exceedances and Total VOC Isopleths

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

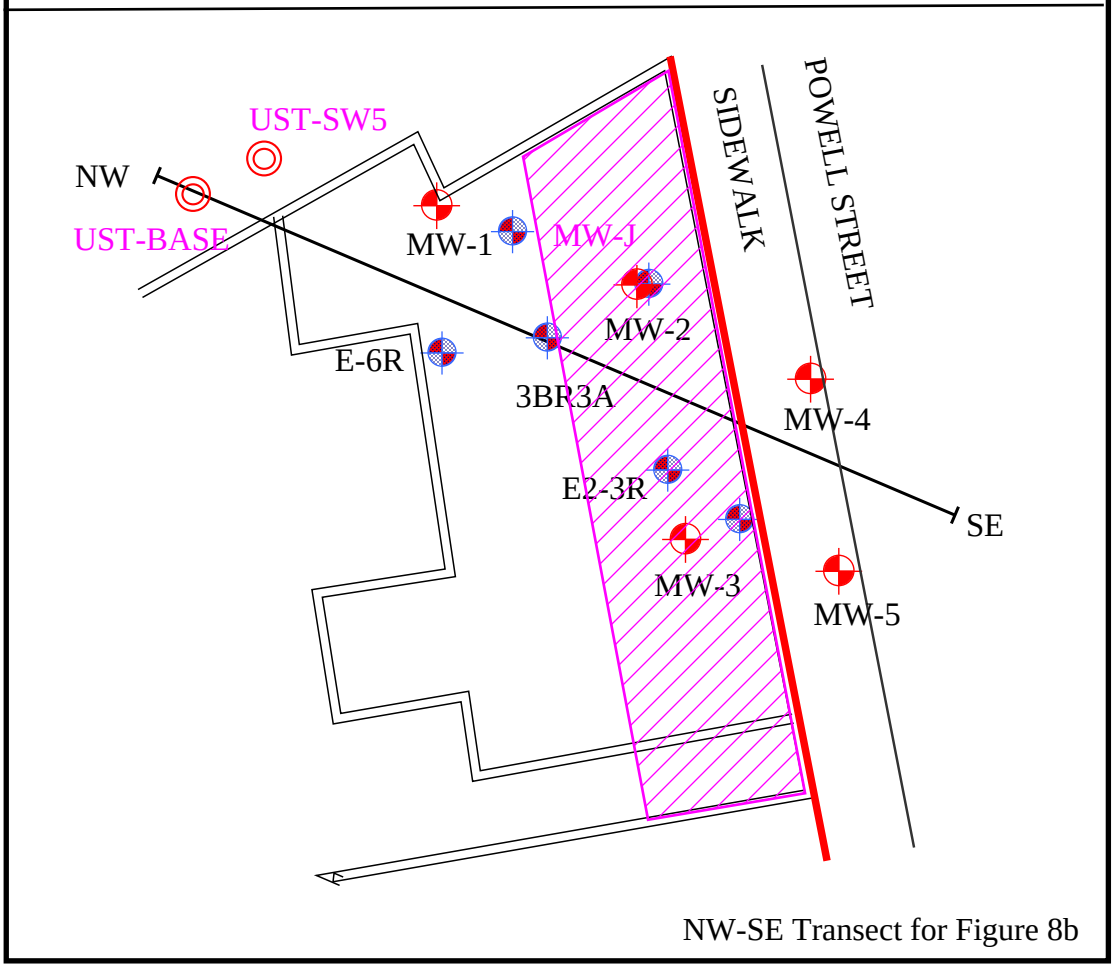
Source: NYS Department of Transportation 2008 Roads Dataset
NYS Office of Technology 2018 Orthophoto Imagery

Drawn:	BWF
Date:	12/2/2019
Scale:	1 inch equals 43 feet
Project:	20918.07
Figure:	6

Document Path: Z:\projects\20900-20999\20918.06 EP-1\SMP-Site Management Plan\GIS\Figure 6_Remaining Soil Exceedances (may-nov).mxd



NS Transect for Figure 8a



NW-SE Transect for Figure 8b

Property Boundary

Foundation Walls

Lust Excavation Sample

Monitoring Well

Historical Sampling Point

Petrofix Zone

C224240 EP-1
Site Managment Plan

Figure 6
Transects Through Residual Impact area

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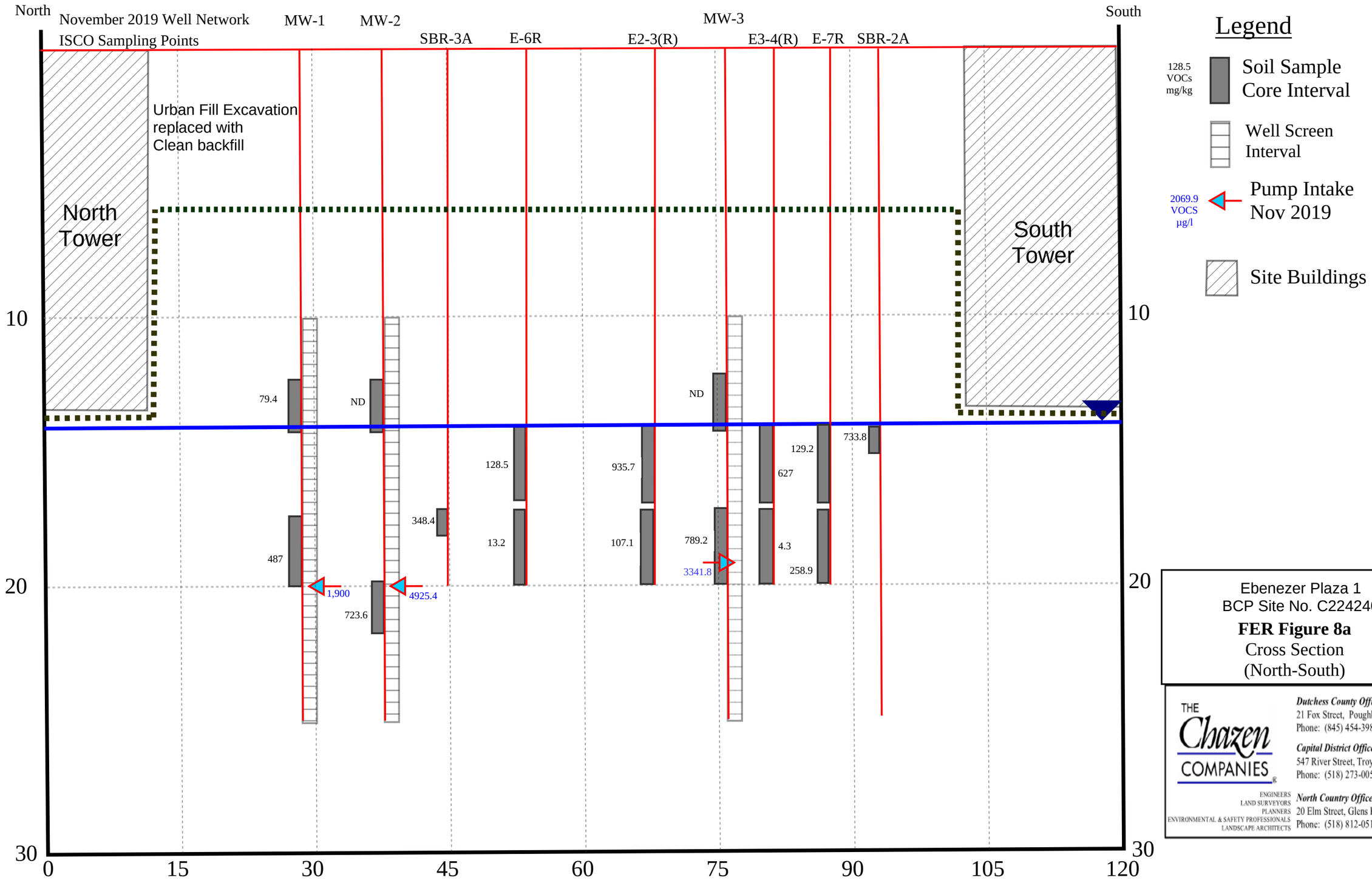

Ebenezer Plaza 1
BCP Site No. C224240

FER Figure 8a
Cross Section
(North-South)

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Phone: (518) 812-0513

Northeast

November 2019 Well network
ISCO Sampling Points

MW-1 E-6R SBR-3A MW-2 MW-K E2-3(r) MW-3 E3-4(R) MW-4 MW-5

Southwest

Urban Fill Excavation
replaced with
Clean backfill

Grossly Impacted
(VOCs > 2500 mg/kg)

Soil Removal Area

UST-SW5
<10 mg/kg

Replaced with clean
backfill

UST-Base = 145 mg/kg

79.4 487 1900
128.5 13.2
348.4
ND 161.4 723.6 4925.4 935.7 4192.8 107.1
ND 789.2 3341.8
11.3 473.4 4271.7
ND 426.4 2069.9

10
20
30
0 15 30 45 60 75 90 105 120

Legend

- 128.5 VOCs mg/kg — Soil Sample Core Interval
- Well Screen Interval
- 2069.9 VOCS µg/l — Pump Intake Nov 2019
- Petrofix Placement zone
- Post LUST removal Sampling Point

Ebenezer Plaza 1 - BCP Site No. C224240

Figure 8b
Cross Section (Northeast-Southwest)

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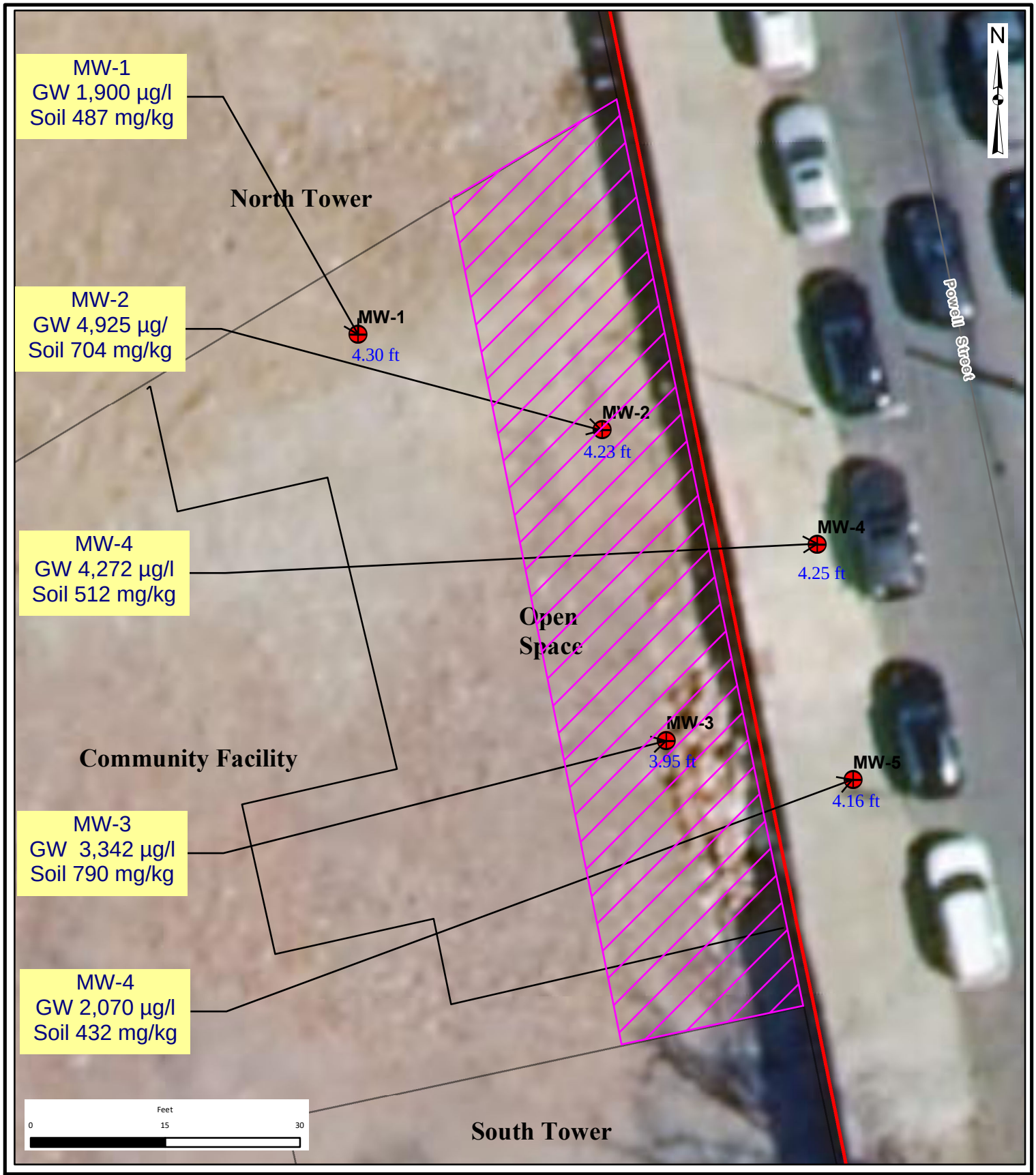

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Ebenezer Plaza 1 - BCP No. 224240

Figure 1: Soil Boring Locations and Analytical Results Summary

96 New Lots Ave & 672 Powell Street
Brooklyn, Kings County, NY

Source: NYS Department of Transportation 2008 Roads Dataset
NYS Office of Technology 2018 Orthophoto Imagery

Drawn:	BWF
Date:	8/13/2019
Scale:	1 inch equals 15 feet
Project:	20918.06
Figure:	1

Document Path: Z:\projects\20900-20999\20918.06 EP-1\SMP-Site Management Plan\GIS\Dec 2019 Interim Report\Figure 1_Soil Analytical.mxd

RAMSAY LAND SURVEYING, P.C.

PROFESSIONAL LAND SURVEYOR-PLANNER
3024 RADCLIFF AVENUE
BRONX, NEW YORK 10469
PH. (646) 773-4588
PH. (917) 54-8174
FAX (718) 231-2067

NOTE: I

1). PREMISES SHOWN HEREON IS DESINATED ZONE "X" AND IS NOT LOCATED IN AN AREA OF MINIMAL FLOOD HAZARD AREA AS PER (FIRM) -FLOOD INSURANCE RATE MAP NUMBER 3604970217F, COMMUNITY PANEL No. DATED SEPTEMBER 05, 2007.
2). AREA OF LOT No.1, BLOCK No.3862 .AREA= 55,067.75 SQ. FT.

NOTE II:

THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT "CODE OF PRACTICE" OF THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS (N.Y.S.A.P.L.S.) ALL CERTIFICATIONS HEREON SHALL RUN ONLY TO PERSONS, NAMED HEREON, FOR WHOM THIS SURVEY WAS PREPARED. AND, ON THEIR BEHALF TO ANY, TITLE COMPANY, GOVERNMENT AGENCY OR LENDING INSTITUTION NAMED HEREON. SAID CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
ANY ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PER SECTION 7209 SUB-SECTION 2.

ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

LEGAL DESCRIPTION

BLOCK 3862 LOT No.1

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF SACKMAN STREET WITH THE SOUTHERLY SIDE OF NEW LOTS AVENUE;

THENCE NORTHEASTERLY ALONG THE SOUTHERLY SIDE OF NEW LOTS AVENUE, 211.94 FEET (211 FEET 11-1/4 INCHES) TO THE WESTERLY SIDE OF POWELL STREET;

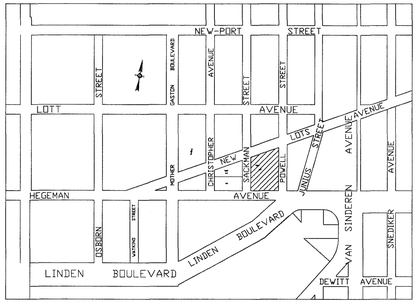
THENCE SOUTHERLY ALONG THE WESTERLY SIDE OF POWELL STREET, 310.42 FEET (310 FEET 5 INCHES) SURV. (310.45 DEED) TO A POINT;

THENCE WESTERLY AT RIGHT ANGLES TO THE WESTERLY SIDE OF POWELL STREET AND ALONG THE NORTHERLY SIDE OF HEGEMAN AVENUE 200.00 FEET TO THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF HEGEMAN AVENUE WITH THE EASTERLY SIDE OF SACKMAN STREET;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF SACKMAN STREET, 240.26 FEET (SURV./B.F.S.M. No.47), 240.25 FEET (DEED) (240 FEET 3 INCHES) AND 240.23 FEET (TAX MAP) THE POINT OR PLACE OF BEGINNING.

THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN NATIONAL STANDARD ABSTRACT, LLC COMMITMENT No. NAS-330793 WITH AN EFFECTIVE DATE OF APRIL 30, 2019 AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED REFERENCED IN SAID TITLE COMMITMENT, AND EASEMENTS WHICH THE UNDERSIGNED HAS BEEN ADVISED OR HAS KNOWLEDGE OF, HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS THEIR EFFECT ON THE SUBJECT PROPERTY.

DESIGNATED AS LOT No.01 BLOCK No.3862
AS SHOWN ON THE OFFICIAL TAX MAP OF
THE BOROUGH OF BROOKLYN, KINGS COUNTY. CITY AND STATE OF NEW YORK.



LOCATION MAP NOT TO SCALE

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Ebenezer Plaza 1
Site C224240

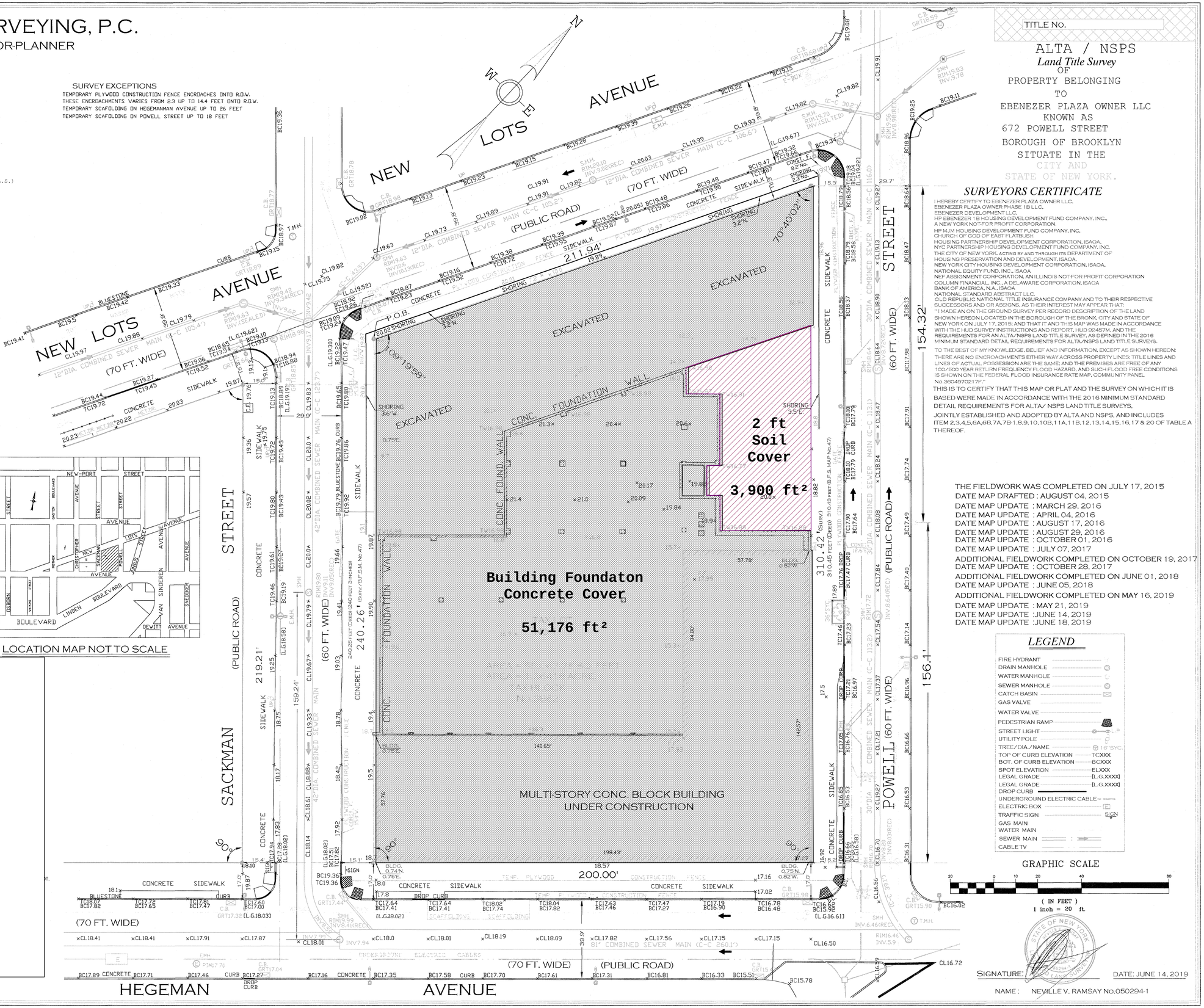
FER
Figure 10

Cover System Location Map

Cover system overlay on preconstrucion surevy map prepared by Rmasay Land Surveying

JOB # F15-113_ALT_BLY_47

SURVEY EXCEPTIONS
TEMPORARY PLYWOOD CONSTRUCTION FENCE ENCROACHES ONTO R.O.W.
THESE ENCROACHMENTS VARIES FROM 2.3 UP TO 14.4 FEET ONTO R.O.W.
TEMPORARY SCAFFOLDING ON HEGEMANMAN AVENUE UP TO 26 FEET
TEMPORARY SCAFFOLDING ON POWELL STREET UP TO 18 FEET



TITLE No.

ALTA / NSPS
Land Title Survey
OF
PROPERTY BELONGING
TO
EBENEZER PLAZA OWNER LLC
KNOWN AS
672 POWELL STREET
BOROUGH OF BROOKLYN
SITUATE IN THE
CITY AND
STATE OF NEW YORK.

SURVEYORS CERTIFICATE

I HEREBY CERTIFY TO EBENEZER PLAZA OWNER LLC, EBENEZER PLAZA OWNER PHASE 1B LLC, EBENEZER DEVELOPMENT LLC, HP EBENEZER 1 B HOUSING DEVELOPMENT FUND COMPANY, INC., A NEW YORK NOT-FOR PROFIT CORPORATION. HP MJM HOUSING DEVELOPMENT FUND COMPANY, INC. CHURCH OF GOD OF EAST FLATBUSH HOUSING PARTNERSHIP DEVELOPMENT CORPORATION, ISAOA, NYC PARTNERSHIP HOUSING DEVELOPMENT FUND COMPANY, INC. THE CITY OF NEW YORK, ACTING BY AND THROUGH ITS DEPARTMENT OF HOSING PRESERVATION AND DEVELOPMENT, ISAOA, NEW YORK CITY HOUSING DEVELOPMENT CORPORATION, ISAOA, NATIONAL EQUITY FUND, INC., ISAOA NEF ASSIGNMENT CORPORATION, AN ILLINOIS NOT-FOR PROFIT CORPORATION COLUMN FINANCIAL, INC., A DELAWARE CORPORATION, ISAOA BANK OF AMERICA, N.A., ISAOA NATIONAL STANDARD ABSTRACT LLC, OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY AND TO THEIR RESPECTIVE SUCCESSORS AND OR ASSIGNS, AS THEIR INTEREST MAY APPEAR THAT:

" I MADE AN ON THE GROUND SURVEY PER RECORD DESCRIPTION OF THE LAND SHOWN HEREON LOCATED IN THE BOROUGH OF THE BRONX, CITY AND STATE OF NEW YORK ON JULY 17, 2015; AND THAT IT AND THIS MAP WAS MADE IN ACCORDANCE WITH THE HUD SURVEY INSTRUCTIONS AND REPORT, HUD 95465?M, AND THE REQUIREMENTS FOR AN ALTA/NSPS LAND TITLE SURVEY, AS DEFINED IN THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND INFORMATION, EXCEPT AS SHOWN HEREON: THERE ARE NO ENCROACHMENTS EITHER WAY ACROSS PROPERTY LINES; TITLE LINES AND LINES OF ACTUAL POSSESSION ARE THE SAME; AND THE PREMISES ARE FREE OF ANY 100-/500 YEAR RETURN FREQUENCY FLOOD HAZARD, AND SUCH FLOOD FREE CONDITIONS IS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No.3604970217F."

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ NSPS LAND TITLE SURVEYS.

JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEM 2,3,4,5,6A,6B,7A,7B-1,8,9,10,10B,11A,11B,12,13,14,15,16,17 & 20 OF TABLE A THEREOF.

THE FIELDWORK WAS COMPLETED ON JULY 17, 2015
DATE MAP DRAFTED : AUGUST 04, 2015
DATE MAP UPDATE : MARCH 29, 2016
DATE MAP UPDATE : APRIL 04, 2016
DATE MAP UPDATE : AUGUST 17, 2016
DATE MAP UPDATE : AUGUST 29, 2016
DATE MAP UPDATE : OCTOBER 01, 2016
DATE MAP UPDATE : JULY 07, 2017
ADDITIONAL FIELDWORK COMPLETED ON OCTOBER 19, 2017
DATE MAP UPDATE : OCTOBER 28, 2017
ADDITIONAL FIELDWORK COMPLETED ON JUNE 01, 2018
DATE MAP UPDATE : JUNE 05, 2018
ADDITIONAL FIELDWORK COMPLETED ON MAY 16, 2019
DATE MAP UPDATE : MAY 21, 2019
DATE MAP UPDATE : JUNE 14, 2019
DATE MAP UPDATE : JUNE 18, 2019

LEGEND

- FIRE HYDRANT
- DRAIN MANHOLE
- WATER MANHOLE
- SEWER MANHOLE
- CATCH BASIN
- GAS VALVE
- WATER VALVE
- PEDESTRIAN RAMP
- STREET LIGHT
- UTILITY POLE
- TREE/DIA./NAME — 16"SYC.
- TOP OF CURB ELEVATION — TCXXX
- BOT. OF CURB ELEVATION — BCXXX
- SPOT ELEVATION — ELXXX
- LEGAL GRADE — [L.G.XXXX]
- LEGAL GRADE — [L.G.XXXX]
- DROP CURB
- UNDERGROUND ELECTRIC CABLE
- ELECTRIC BOX — E
- TRAFFIC SIGN — SIGN
- GAS MAIN
- WATER MAIN
- SEWER MAIN
- CABLE TV

GRAPHIC SCALE

20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

SIGNATURE: _____ DATE: JUNE 14, 2019

NAME : NEVILLE V. RAMSAY No.050294-1

APPENDICES

Appendix A
Environmental Easement

Appendix B
Digital Copy of the FER (CD)

Appendix C
Historical Site Environmental Reports

Appendix D1
March 2018 RAWP

Appendix D2
April 2018 DD

Appendix D3
June 2018 Amended RAWP

Appendix D4
September 2018 ESD

Appendix E
Site Management Plan

Appendix F
Daily Field Reports (electronic)

Appendix G
Digital Project Photo Log (CD)

Appendix H
Site Material Disposal Documentation

Appendix I
Supplemental Work Plans

Appendix J
Laboratory Analytical Reports and Data Usability Summary Reports

Appendix K
Imported Materials Documentation

Appendix L
UST Closure Documents

Appendix M
Monitoring Well Installation and Sampling Report

Appendix N
SSDS System Design