904 BURKE AVENUE, LLC

904 BURKE AVENUE

BRONX COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: C203032

Prepared for:

HB Bronx Realty LLC

3333 Boston Road, Bronx, New York 10469

Prepared by:

EnviroTrac Engineering PE PC

5 Old Dock Road, Yaphank, New York 11980

631-924-3001

DECEMBER 2017

CERTIFICATIONS

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

I certify that 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 in 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 Environmental Conservation Law (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 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, Dale Konas, PE, of EnviroTrac Engineering PE PC, 5 Old Dock Road, Yaphank, New York, am certifying as Owner's Designated Site Representative.

NYS Professional Engineer #	Date	Signature
	12/15/17	

STATE OF NEW YORK
DALE C. KONAS
No. 081035
LICENSED PROFESSIONAL

EnviroTrac
Environmental Services

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AES	American Environmental Solutions, Inc.
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CAMP	Community Air Monitoring Plan
CD	Compact Disc
COC	Contaminant of Concern
CPP	Citizen Participation Plan
DER	Division of Environmental Remediation
DOT	Department of Transportation
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
EDD	Electronic Data Deliverable
EDS	Environmental Data Services, Inc.
ELAP/ASP	Environmental Laboratory Approval and Analytical Services Programs
FER	Final Engineering Report
HASP	Health and Safety Plan
IC	Institutional Control
ISCO	In-Situ Chemical Oxidation
LNAPL	Light non-aqueous phase liquid
MTBE	Methyl Tertiary Butyl Ether
NYCDOH	New York City Department of Health
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
OSHA	Occupational Safety and Health Administration
OBC	Oxygen BioChem
PAH	Polycyclic Aromatic Hydrocarbon
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
SCO	Soil Cleanup Objective
S/MMP	Soil/Materials Management Plan
SMP	Site Management Plan
STARS	Spill Technology and Remediation Series
TCL	Target Compound List
VEFR	Vacuum Enhanced Fluid Recovery
VOC	Volatile Organic Compound

Final Engineering Report

1.0 BACKGROUND AND SITE DESCRIPTION

904 Burke Avenue, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in November 2005, to investigate and remediate a 0.23-acre property located in the Bronx, Bronx County, New York as a volunteer. The property was remediated to restricted residential use and will continue to be used as a private temporary automotive storage facility.

The Site is located in the County of Bronx, New York and is identified on the New York City Tax Map as Block 4574 and Lot 25. According to The City of New York Department of Buildings Certificate of Occupancy dated August 31, 1994, the Site is located in Retail Use C Area Zoning District. According to the NYC Planning Department, the Site is zoned in Residential District R5. The Site is bounded by Burke Avenue to the north, an undeveloped lot to the south, residential properties to the east, and Bronxwood Avenue to the west. The surrounding properties are utilized for residential and retail mixed purposes. The general location of the Site is depicted in Figure 1. According to Site monitoring records, depth to groundwater at the Site has varied from approximately 2 feet to 12 feet below land surface. The direction of groundwater flow is generally to the northwest. The boundaries of the Site are fully described in Appendix A: Environmental Easement Plan.

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

1.1 Background

The Site has been developed since 1959. A single story concrete block building was historically located on the Site, which was demolished by the owner in 2008. The Site has historically been utilized as a gasoline station and automobile repair facilities (J&S Auto Repairs and Chanty Auto Repairs).

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site.

- EnviroTrac Ltd. (May 27, 1999). NYSDEC Spill No. 99-00995, 904 Burke Avenue, Bronx, New York.

  In April of 1999, EnviroTrac was contracted to excavate and dispose of contaminated soil which was returned to the tank excavation area, collect endpoint samples, and backfill the excavation with clean material. Laboratory results indicated concentrations of volatile organic compounds (VOCs) above NYSDEC Spill Technology and Remediation Series (STARS) criteria and Spill No. 99-00995 was assigned.

In May of 1999, EnviroTrac excavated the contaminated material, took endpoint samples, and backfilled the excavation with clean material. Two (2) of the four (4) endpoint samples collected were found to contain concentrations of benzene, ethyl benzene, and xylenes above STARS criteria.

- Miller Environmental Group Inc. (January 10, 2003). Subsurface Investigation Plan.; and
- Miller Environmental Group Inc. (April 25, 2003). Sampling Summary.

In September 2002, Miller Environmental Group, Inc. conducted preliminary soil sampling at the Site in order to comply with NYSDEC requirements. A test pit was excavated in the location of the former pump island and endpoint soil samples were collected, which contained gasoline constituents above NYSDEC guidance values. The results were submitted to NYSDEC and on-Site delineation of the contamination and the installation of at least three monitoring wells was required.

As part of a Subsurface Investigation conducted in April 2003, the zone of contamination was delineated and monitoring wells were installed. Monitoring Well 2 (MW-2) was not sampled due to the fact it was found to contain approximately one tenth of a foot of free phase product. Monitoring Wells 1 and 3 (MW-1 and MW-3) were sampled, with elevated levels of MTBE and BTEX detected in MW-3.

- American Environmental Solutions, Inc. (December 18, 2003). Former Service Station Investigation.

In December 2003, American Environmental Solutions, Inc. (AES) sampled the three wells located on-Site as part of an initial site investigation. Laboratory results indicated VOCs concentrations exceeding NYSDEC groundwater criteria in MW-2 and MW-3.

- American Environmental Solutions, Inc. (Revised January 2010). Remedial Investigation Report.

Interim Remedial Measures were undertaken on-Site to mitigate worsening environmental conditions at the property prior to commencement of Remedial Investigation activities. As part of the initial IRM, AES conducted vacuum enhanced fluid recovery (VEFR) and continued to hand bail wells MW-2 and MW-3 in order to address petroleum sheen and odor discovered in the groundwater. The bailing and monitoring of the three existing wells was temporarily suspended due to the open excavation area described below.

In July of 2006, AES proposed an IRM to remove and dispose of contaminated material located on-Site in order to eliminate the continued release of

contaminants to groundwater and to reduce the impact of off-Site migration. The IRM was approved by NYSDEC and AES excavated contaminated material. Upon completion of the IRM activities endpoint soil samples and groundwater samples were collected and analyzed. Following NYSDEC approval of the fill materials, the excavated area was backfilled in October 2007.

AES returned to the Site on January 18, 2008 to bail and sample the two (2) monitoring wells already existing on-Site (MW-2 and MW-3). Pre-existing well MW-1 was destroyed during Site excavation and/or building demolition.

AES conducted a remedial investigation from April 2008 through March 2009, which included the re-installation of MW-1, sampling of MW-2 and MW-3, the installation of six (6) new on-Site and four (4) new off-Site monitoring wells, the installation of five (5) soil gas probes, and the collection of soil samples during the installation of the monitoring wells. The investigation identified significant VOC contamination in all on-Site groundwater monitoring wells, particularly those located in the northern portion of the Site. The soil vapor investigation indicated the most significant soil vapor contamination was found at the northern perimeter of the Site.

- EnviroTrac Ltd. (November 22, 2016). Letter Work Plan Report.
  EnviroTrac conducted additional on-Site investigations in September 2016 to address identified data gaps. The work included a geophysical survey, and soil, groundwater, and soil vapor testing. Results of the testing identified the presence of subsurface piping, VOCs in groundwater, VOCs in soil, and elevated concentrations of petroleum-related constituents in soil vapor, the most prevalent being 2,2,4-trimethylpentane (isooctane), a component of gasoline used to increase knock resistance.

- EnviroTrac Engineering PE PC (May 26, 2017). Remedial Action Work Plan.
  The Remedial Action Work Plan (RAWP) was developed for the Site under a Brownfield Cleanup Program (BCP) Track 4 Cleanup Objective alternative and included the removal of LNAPL at MW-9, excavation of hot spot areas in the vicinity of GP-7 and MW-5, removal of identified subsurface piping, in-situ chemical oxidation (ISCO) injections, a site cover (asphalt paving), and the placement of an institutional control in the form of a NYSDEC Environmental Easement on the Site. A Site Management Plan will provide provisions for ongoing maintenance and monitoring of the property to ensure compliance with the established engineering and institutional controls.

- Due to the historic presence of light non-aqueous phase liquid (LNAPL) at MW-9, prior to commencing with in-situ chemical oxidation (ISCO) treatment of groundwater, LNAPL removal was conducted. LNAPL was recovered via absorbent socks and a vacuum enhanced fluid recovery event was conducted in March of 2017.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this Site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation 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.

2.1.3 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 a site.

2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated May 2017. The remediation was conducted to address petroleum-related chemicals in soil, soil vapor, and groundwater originating from historic operations as a gasoline station and automotive repair facility. The factors considered during the selection of the remedy are those listed in 6 New York Codes, Rules and Regulations (NYCRR) 375-1.8. The following are the components of the selected remedy:

1. Remedial Design

   A remedial design program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and

monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per Division of Environmental Remediation (DER)-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Conserving and efficiently managing resources and materials;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. Excavation

The hot spot area located in the vicinity of GP-7 and MW-5 was excavated and transported off-Site for proper disposal. In addition, remaining subsurface piping was exposed, removed, and disposed off site. During the hot spot excavation bedrock was encountered at varying depths below grade resulting in an excavation which varied in depth from approximately 6 feet below grade in the southeastern portion of the excavation to approximately 3 feet below grade in the northwestern portion. Piping excavation depths ranged from approximately 1 to 2 feet below grade. Approximately 30 cubic yards of contaminated soil were removed from the Site. Excavation limits, endpoint soil sampling locations, and a cross section are depicted in Figure 2. Table 1 provides the site-specific soil cleanup objectives (SCOs) that include Restricted Residential and Protection of Groundwater Criteria.

3. Backfill

Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to replace the excavated soil and establish the designed grades at the Site. The Site was re-graded to accommodate the installation of a cover system as described in the remedy element #4.

4. Cover System

A site cover was required to allow for restricted residential use of the Site. The site cover consisted of approximately 3-inches compacted sub-base course, as needed, and a minimum of 3.5-inches asphalt.

5. LNAPL Extraction

Light non-aqueous phase liquid ("LNAPL") accumulations were removed from on-Site monitoring well, MW-9, via periodic hand bailing and placement of sorbent socks.

6. In-Situ Chemical Oxidation

Following the removal of recoverable LNAPL, ISCO injections were implemented to treat contaminants in groundwater. Oxygen BioChem™ was injected into the subsurface in an approximately 5,000 cubic feet area where petroleum-related compounds were elevated in the groundwater. The injections were administered from approximately 6 to 10 feet below grade surface. The objectives of the ISCO treatment were to reduce recalcitrant contaminant concentrations in soil and groundwater, promote natural degradation of the contaminants of concern (COCs), reduce the potential for future off-Site migration of COCs, and reduce potential soil vapor concerns.

7. Institutional Control

An environmental easement has been recorded for the controlled property which:

- Requires the remedial party or Site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- Allows the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws. According to The City of New York Department of Buildings Certificate of Occupancy dated August 31, 1994, the Site is located in Retail Use C Area Zoning District. According to the NYC Planning Department, the Site is zoned in Residential District R5;
- Restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or New York City Department of Health (NYCDOH); and
- Requires compliance with the Department approved Site Management Plan (SMP).

8. Site Management Plan

A Site Management Plan has been developed, which included the following:

a) An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the Site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
    - Institutional Controls: The Environmental Easement discussed above; and
    - Engineering Controls: The cover system and ISCO treatment, discussed above.

This plan includes, but may not be limited to:

- An Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- Descriptions of the provisions of the environmental easement including any land use, and groundwater use restrictions;
- A provision for evaluation of the potential for soil vapor intrusion for future buildings developed on the Site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- Provisions for the management and inspection of the identified engineering controls;
- Maintaining Site access controls and Department notification; and
- The steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b) A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- Monitoring of groundwater to assess the performance of engineering controls and effectiveness of the remedy;
- Monitoring of the cap;
- A schedule of monitoring and frequency of submittals to the Department;
- Monitoring for vapor intrusion for any future buildings developed on the Site, as may be required by the Institutional and Engineering Control Plan discussed above.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

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

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the 904 Burke Avenue site dated May 26, 2017. All deviations from the RAWP are noted below.

4.1 Governing Documents

The remedial activities conducted at the Site were performed in accordance with the Remedial Action Work Plan and additional documents which had previously been approved by the NYSDEC.

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

Health and safety procedures that were employed during the implementation of the RAWP are presented in the Health and Safety Plan (HASP) included in Appendix G of the RAWP dated May 26, 2017.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix H of the RAWP dated May 26, 2017, approved by the NYSDEC on May 30, 2017. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Soil/Materials Management Plan (S/MMP)

The Soil/Materials Management Plan (S/MMP) was included in Section 5.4 of the RAWP dated May 26, 2017, approved by the NYSDEC on May 30, 2017. This section describes the management of the waste, soil screening and stockpiling methods, excavation material load out, material transport off-Site and disposal off-Site, fluids management, and backfill imported from off-Site sources.

4.1.4 Community Air Monitoring Plan (CAMP)

The Community Air Monitoring Plan (CAMP) was included in Appendix I of the RAWP dated May 26, 2017, approved by the NYSDEC on May 30, 2017. The CAMP provided information regarding the monitoring approach, instrumentation, action levels, and response actions.

4.1.5 Community Participation Plan

The Citizen Participation Plan (CPP) provided in Appendix J of the RAWP dated May 26, 2017, approved by the NYSDEC on May 30, 2017 provides members of the affected and interested public with information about how NYSDEC will inform and involve them during the investigation and remediation of the Site. The public information and involvement program are being carried out with assistance, as appropriate, from the Volunteer.

The information provided in the CPP includes:

- Project contacts;
- Document repository locations;
- Site contacts including local officials, interested parties and other stakeholders; and
- A description of CP activities.

Documents that have previously been provided to the repositories include:

- Citizen Participation Plan dated May 4, 2016;
- Letter Work Plan dated July 18, 2016;
- Draft Remedial Action Work Plan dated February 7, 2017;
- Remedial Action Work Plan dated May 26, 2017; and
- Decision Document dated May 2017.

Future CP activities will include placement of this FER (and a Site Management Plan) into the document repositories and transmittal of associated Fact Sheets to the Site contacts. Upon approval of project completion by the NYSDEC and issuance of a certificate of completion, a public notice will be placed in the repository and a related Fact Sheet will be provided to the Site contacts.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

All work conducted to implement the RAWP was planned, overseen and managed by EnviroTrac. EnviroTrac's Dale C. Konas, P.E. served at the Engineer of Record responsible for certifying the work performed.

Sub-contractors and suppliers included:

- **Alpha Analytical, Inc., Westborough, Massachusetts** - NY NELAP 11148 certified laboratory responsible for analyzing soil and groundwater samples;
- **York Analytical Laboratories, Inc., Stratford, Connecticut** – NY NELAP 10854 and 12058 certified laboratory responsible for analyzing drummed waste for disposal;
- **Environmental Data Services, Inc., Williamsburg, Virginia** – Subcontractor responsible for data validation services/DUSR preparation;
- **Carus Corporation** – Supplier of 2,200 pounds of Oxygen BioChem (OBC)™ reagent injected on June 16, 2017 and June 19, 2017;
- **AARCO Environmental Services Corp., Lindenhurst, New York** – Subcontractor responsible for well installation services, Geoprobe services (for ISCO injections), and transportation and disposal of derived waste;
- **Clean Earth of Carteret, LLC, Carteret, New Jersey** – Disposal facility for excavated soil;
- **Dale Transfer Corporation, West Babylon, New York** – Disposal facility for drummed drill cuttings, purge water, LNAPL, absorbents;
- **Community Paving Corp., Mount Vernon, New York** – Subcontractor responsible for sub-base course placement and cover installation;
- **110 Sand Company, Melville, New York** – Supplier of fill used to backfill excavation area following removal of contaminated material;
- **Metro Green LLC, Mount Vernon, New York** – Supplier of sub-base course for cover installation;
- **New York Recycling LLC, Bronx, New York** – Supplier of sub-base course for cover installation;
- **RCA Asphalt LLC, Mt Vernon, NY** – Supplier of asphalt cover material; and
- **HAKS, New York, New York** – Licensed surveyor for survey of the remedial locations at the Site.

4.2.2 Site Preparation

EPA's underground injection control program regulates injection remedies under 40 CFR Part 144 and requires Injection well owners/operators to provide information about the Class V injection wells to the EPA prior to their construction. The inventory form referenced in 40 CFR 144.26 [USEPA form 7520-16] was completed to include enough details for EPA to understand the Site and proposed process and indicated that DEC is overseeing the project.

The completed form was sent by fax to:

Chief, Groundwater Compliance Section
U.S. EPA Region 2
290 Broadway, 20th Floor
New York, NY 10007-1866
Fax (212) 637- 3953

The completed form, fax receipt, and US EPA Region 2 acknowledgement letter are provided in Appendix C.

A pre-construction meeting was held with NYSDEC and all contractors on June 13, 2017.

4.2.3 General Site Controls

The Site is secured by a locked 8-foot high chain-link fence.

Purge water, recovered LNAPL, drill cuttings, and spent absorbent socks were placed in to 55-gallon Department of Transportation (DOT) steel drums, labels as non-hazardous waste, and stored on-Site until disposal approval was obtained.

Excavated impacted soil was directly loaded into roll-off containers, covered, and stored on-Site until disposal approval was obtained.

4.2.4 Nuisance Controls

Dust and odor control were not necessary during the course of the remedial work. Trucks were routed to limit traffic through residential neighborhoods with no off-Site queuing. No complaints were received from the community during the implementation of the remedial scope.

4.2.5 CAMP Results

Potential air-borne impacts to the local community were assessed during intrusive and capping activities through the implementation of the CAMP provided in the RAWP. Dedicated particulate monitors and photoionization detectors (PIDs) were positioned at upwind and downwind locations to monitor for particulates and VOCs. No potential impacts to the local community were noted during the implementation of the RAWP.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix D.

4.2.6 Reporting

Daily work activity reports were submitted to the NYSDEC and NYSDOH project managers by the end of each day following the work activity period.

Monthly reports were submitted to the NYSDEC and NYSDOH project managers by the 10th day of the following month of the reporting period.

Copies of the daily and monthly reports are included in electronic format in Appendix E.

The digital project photo log required by the RAWP is included in electronic format in Appendix F.

4.3 Contaminated Materials Removal

Contaminated material removed from the Site included: impacted soil; monitoring well development and groundwater sampling purge water, and LNAPL.

4.3.1 Subsurface Piping Removal

The geophysical investigation conducted in September 2016 identified the presence of approximately 240 linear feet of subsurface steel piping. Approximately 550 linear feet of 2-inch diameter piping was removed during an excavation conducted in June 2017.

Figure 2 and Figure 3 depict the location of the excavated subsurface piping.

4.3.1.1 Subsurface Piping Disposal Details

Approximately 550 linear feet of steel 2-inch diameter piping was disposed of as scrap metal at Pascap Co., Inc., Bronx, New York. Disposal documentation is provided in Appendix G. Two shallow (2) test pits were dug to the south of sampling points PP1, PP2, and PP3 to verify no additional piping was present. No piping was identified and no materials were removed from these areas.

4.3.2 Soil Removal

Approximately 30 cubic yard of petroleum impacted soil was excavated from the Site on June 27, 2017 and June 28, 2017. The excavated soil was loaded directly into roll-off containers and stored on-Site until disposal approval was obtained.

Following excavation, endpoint sample results indicate contaminants of concern remain at the Site. Figure 2 and Figure 3 depict the excavation location and Figure 3 summarizes the soil results exceeding regulatory criteria.

4.3.2.1 Soil Disposal Details

Excavated soil generated during the implementation of the RAWP was characterized, manifested and disposed off-Site as non-hazardous material in accordance with applicable federal and state regulations and guidelines.

On June 28, 2017 a composited sample was collected from the excavated soil and submitted to Alpha Analytical for analysis. The sample was analyzed for total VOCs, semi-VOCs, petroleum hydrocarbons, PCBs, Total and TCLP RCRA 8 metals, mercury (Methods 8260C, 8270D, 8015C(M), 8082A, 6010C, 7471B, respectively), ignitability/flashpoint (1020), total solids (121,2540G), pH (9045D), reactive cyanide and reactive sulfide (1,7.3). The laboratory report is provided in Appendix H.

Based on the waste characterization results the material was accepted for disposal by Clean Earth of Carteret, LLC, Carteret, NJ, and as pre-approved by the NYSDEC.

Approximately 30 cubic yards of waste soil was hauled from the Site on July 18, 2017, July 19, 2017, and July 24, 2017. One (1) 55-gallon steel DOT drum of drill cuttings was transported for disposal at Dale Transfer Corporation, West Babylon, NY.

Documentation pertaining to characterization, acceptance, and disposal of soils are provided in Appendix G.

4.3.3 LNAPL Removal

Due to the historic presence of LNAPL at MW-9, prior to commencing with ISCO treatment, LNAPL removal was conducted. LNAPL was recovered via absorbent socks, bailing, and a vacuum enhanced fluid recovery event was conducted in March of 2017. LNAPL removal is summarized on Table 2. Spent absorbent socks and recovered LNAPL were stored on-Site in 55-gallon DOT steel drums, labeled as non-hazardous waste, and stored on-Site until disposal approval was obtained.

4.3.4 Groundwater

Prior to each groundwater sampling event, monitoring wells were gauged and groundwater was purged from each of the monitoring wells until field parameters (specific conductance, pH, temperature, dissolved oxygen, and turbidity) stabilized. Well gauging data is summarized on Table 3 and field parameter results are summarized on Table 4. Purge water generated during the sampling events was placed in 55-gallon DOT steel drums, labeled as non-hazardous, waste, and stored on-Site until disposal approval was obtained.

4.3.4.1 Purge Water and LNAPL Disposal Details

A total of six (6) 55-gallon steel DOT drums of purge water were transported for disposal at Dale Transfer Corporation, West Babylon, NY. Investigation derived waste documentation is provided in Appendix G.

4.4 Remedial Performance/Documentation Sampling

After completing the excavation activities and before backfilling, post-excavation end point soil samples were collected on June 27, 2017, June 28, 2017, and June 29, 2017 in accordance with the RAWP. The purpose of collecting the bottom and sidewall samples was to document the success of the remedial action and to identify any remaining VOCs present at levels exceeding the cleanup goals.

Per NYSDEC requirements for soil sampling intended for analysis of VOCs, the samples were collected using laboratory supplied EPA Method 5035 samplers. Sample collection frequency was in accordance with DER-10 recommendations as follows:

- The estimated perimeter of the main excavation was 56 linear feet. One sample was collected from each of the sidewalls;
- Two excavation bottom samples were collected;
- A total of eight (8) samples were collected along the piping run, biased toward piping joints, a frequency of approximately one per 10 to 20 linear feet; and
- Blind duplicates, matrix spike and matrix spike duplicate samples were collected at a frequency of 1 per 20 field samples.

The excavation limits and locations of the endpoint samples are shown on Figure 2 and Figure 3. The samples were analyzed for Target Compound List (TCL) VOCs by Method 8260C. Alpha Analytical, Westborough MA, certified in New York State to conduct work under the Environmental Laboratory Approval and Analytical Services Programs (ELAP/ASP) analyzed the soil samples and reported results in Category B and NYSDEC format Electronic Data Deliverable (EDD) formats. The results were validated, and a Data Usability Summary Report (DUSR) prepared, by Environmental Data Services, Inc., Williamsburg, VA (provided electronically in Appendix I and associated raw data is provided electronically in Appendix H).

Table 5 and Figure 3 provide a summary of the endpoint soil sampling results. Concentrations of acetone at PP-5-20170628, PP-6-20170628, North Wall-20170628, East Wall-20170628, South Wall-20170628, and B-1-20170628, and concentrations of 1,2,4-trimethylbenzene and total xylenes at B-1-20170628 exceeded 6 NYCRR Part 375 - Table 375-6.8(a): Groundwater Protection Criteria. Bottom sample B-1-20170628 was collected below the water table.

4.5 Imported Backfill

Approximately 30 yards of backfill from 110 Sand was imported to the Site by AARCO Environmental Services Corp. on June 23, 2017. The backfill materials met the requirements of 6 NYCRR 375-6.7(d). The fill was sampled in accordance with the frequency recommended in DER-10 Table 5.4(e)10. One discrete sample was collected for VOCs analysis and one composite sample was collected for all other analytical parameters on June 28, 2017. The samples were analyzed for VOCs, semi-VOCs, PCBs, pesticides, herbicides, metals, hexavalent chromium, mercury and cyanide (Methods 8260C, 8270D, 8082A, 8081B, 8151A, 6010C, 7196A, 7471B, 9012B respectively). The analytical report was provided by Alpha Analytical in Category B and NYSDEC format EDD formats. The results were validated, and a DUSR prepared, by Environmental Data Services, Inc. (EDS) (provided electronically in Appendix I and associated raw data is provided electronically in Appendix H).

Backfill sampling results, summarized in Table 6, indicated no exceedances of the DER-10 criteria for imported backfill. Backfilling was performed daily from June 27 through June 29, 2017. The delivery tickets for the backfill are included in Appendix J.

The backfill was utilized to fill in the excavation as depicted in Figure 2 and Figure 3.

4.6 Contamination Remaining at the Site

ISCO treatment was conducted as to address the recalcitrant petroleum-related compounds in groundwater and remove/reduce any remaining source(s) at the Site and to enhance natural attenuation process for ongoing reduction. Additional details regarding the ISCO treatment are provided in Section 4.8.

Table 7 and Figure 4 summarize the results of the ISCO groundwater monitoring events and groundwater contaminants remaining following the last round of post-injection

monitoring conducted on August 8, 2017. Groundwater results were compared to Ambient Water Quality Standards (AWQS) and Guidance Values presented in the NYSDEC Memorandum dated June 1998. The post-treatment groundwater sampling events indicate initial reductions in the dissolved phase contaminant concentrations with, in some instances, subsequent rebound that represent a short term condition associated with the ISCO treatment process. The chemical reagent selected for use, Carus Corporation's ("Carus") Oxygen BioChem (OBC)™ Reagent ("OBC"), produces rapid short-term chemical oxidation (peroxide destruction of target chemical mass) and also provides electron acceptors (oxygen and sulfate) to support long-term chemical destruction of contaminants such as benzene, toluene, ethylbenzene, xylene (BTEX), methyl tertiary butyl ether (MTBE) and polycyclic aromatic hydrocarbons (PAHs) through the biological pathway. Significant elevation of sulfate concentrations was observed in key well locations in post injection samples and a resulting ongoing reduction in site VOC contaminant mass is expected to progress through the stimulated biological activity. The removal of contaminant mass resulting from the hot spot soil excavation and ongoing removal of LNAPL also supports this engineering control approach. The vicinity surrounding the Site is serviced by a public water supply. The Site is currently utilized for car dealership overflow vehicle parking and water is currently not supplied to the Site, however, public water supply connection is available to the Site. The public water supply is unaffected by the remaining contamination at the Site.

During the last round of ISCO groundwater monitoring, soil vapor samples were also collected on August 8, 2017 at SG-9 and SG-11. The soil vapor samples were collected utilizing 2.7 liter summa canisters with eight (8) hour regulators. The soil vapor samples were analyzed for VOCs (Method 48, TO-15). The analytical report was provided by Alpha Analytical in Category B and NYSDEC format EDD formats. The results were validated, and a DUSR prepared, by EDS (provided electronically in Appendix I and associated raw data is provided electronically in Appendix H). Table 8 summarizes the results of the soil vapor sampling event. Soil vapor sampling events were conducted in 2016 (pre-ISCO treatment) and in 2017 (post-ISCO treatment). Site testing results revealed detections of VOCs in soil vapor at interior and perimeter locations and that off-site migration is possible. These results suggest that on-site soil vapor intrusion condition may be evident and should be re-evaluated in the event that building construction is performed. As the testing was limited to on-site locations the data gathered cannot be used to determine if soil vapor intrusion to nearby structures is occurring. When the pre- and post-ISCO soil vapor sampling results are compared, a reduction in VOC concentrations between 10 and 38% is observed. Ongoing declines in soil vapor concentrations are expected in association with the remedial actions conducted and expected groundwater reductions.

Soil excavation activities were conducted in the vicinity of MW-5 and GP-7 where VOC concentrations exceeding NYSDEC Part 375 Restricted Residential and Groundwater Protection Criteria were identified in shallow soil (approximately 2-5 feet below ground surface). Following excavation activities, endpoint sample results indicated concentrations of acetone at PP-5-20170628, PP-6-20170628, North Wall-20170628,

East Wall-20170628, South Wall-20170628, and B-1-20170628, and concentrations of 1,2,4-trimethylbenzene and total xylenes at B-1-20170628 exceeded 6NYCRR Part 375 - Table 375-6.8(a): Groundwater Protection Criteria. In conjunction with water level monitoring data it was determined that sample at B-1-20170628 was collected below the water table and within the saturated zone.

Table 5 and Figure 3 summarize the results of soil samples remaining at the site after completion of Remedial Action that exceed the Track 4 (restricted residential and/or Groundwater Protection Criteria) SCOs.

Since contaminated soil and groundwater remains beneath the Site after completion of the Remedial Action, 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 Site Cover System

Exposure to remaining contamination in soil/fill at the Site is prevented by a cover system placed over the Site. This cover system is comprised of a minimum of 3.5 inches of asphalt pavement. Figure 5 shows the as-built cross section for each remedial cover type used on the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix A of the SMP.

4.8 Other Engineering Controls

ISCO treatment was conducted on June 15-16, 2017 as an engineering control to remove/reduce remaining source(s) at the Site and to enhance natural attenuation process for ongoing reduction of petroleum-related constituent concentrations. OBC chemical reagent was injected into the subsurface at eleven (11) locations within the area where elevated concentrations of petroleum-related chemicals had been found in groundwater. Approximately 200 pounds of the reagent was mixed with approximately 280 gallons of water at each injection location to produce the appropriate slurry consistency (a total of approximately 2,200 pounds of the reagent was utilized). A direct push drilling machine was utilized to inject the resultant mixture into the 8-10 foot below grade interval at the aforementioned locations. The location of the ISCO injection points are depicted in Figure 6.

4.9 Institutional Controls

The Site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to restricted residential, commercial, and industrial uses only.

The environmental easement for the Site was executed by the Department on 10/11/17, and filed with the City Clerk (Clerk of the Council, The City of New York) on 10/31/17. The City Recording Identifier number for this filing is 2017000403060. A copy of the easement and proof of filing is provided in Appendix K.

4.10 Deviations from the Remedial Action Work Plan

Deviations from the RAWP included the following:

- Due to rainy weather conditions, particulate monitoring was not conducted during the installation of monitoring well MW-13 on June 6, 2017. Throughout the well installation activities, the PID was utilized to screen upwind and downwind locations, and the work zone for the presence of VOCs. No VOCs were detected which would have resulted in a stop work action or impacts to the local community.
- The RAWP proposed stockpiling of excavated material on-Site prior to loadout. As discussed with the NYSDEC during the June 6, 2017 pre-construction meeting, excavated material was loaded directly into roll-off containers, covered, and stored on-Site until disposal approval was obtained. This deviation from the RAWP was requested to limit exposure and handling of impacted material.
- The RAWP outlined a round of soil vapor sampling be conducted at soil gas locations SG-11, SG-12, and SG-13. The soil vapor sampling was to be conducted concurrently with the second round of ISCO performance groundwater sampling utilizing 6-liter summa canisters. However, the laboratory supplied 2.7-liter summa canisters for the sampling event and during the second round of performance monitoring conducted on August 8, 2017, soil gas locations SG-12 and SG-13 were found to have sampling ports which were filled with water. As such, these locations were not viable for soil vapor sampling and nearby soil gas location SG-9 was included in the soil vapor sampling event.

TABLES

Table 1: Soil Cleanup Objectives
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Contaminant	Protection of Public Health	Protection of Groundwater
	Restricted-Residential	
Metals		
Arsenic	16	16
Barium	400	820
Beryllium	72	47
Cadmium	4.3	7.5
Chromium, hexavalent	110	19
Chromium, trivalent	180	NS
Copper	270	1,720
Total Cyanide	27	40
Lead	400	450
Manganese	2,000	2,000
Total Mercury	0.81	0.73
Nickel	310	130
Selenium	180	4
Silver	180	8.3
Zinc	10,000	2,480
PCBs/Pesticides		
2,4,5-TP Acid (Silvex)	100	3.8
4,4'-DDE	8.9	17
4,4'-DDT	7.9	136
4,4'- DDD	13	14
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	1,000
Endrin	11	0.06
Heptachlor	2.1	0.38
Lindane	1.3	0.1
Polychlorinated biphenyls	1	3.2
Semivolatiles		
Acenaphthene	100	98
Acenapthylene	100	107
Anthracene	100	1,000
Benz(a)anthracene	1	1
Benzo(a)pyrene	1	22
Benzo(b)fluoranthene	1	1.7
Benzo(g,h,i)perylene	100	1,000
Benzo(k)fluoranthene	3.9	1.7
Chrysene	3.9	1
Dibenz(a,h)anthracene	0.33	1,000
Fluoranthene	100	1,000
Fluorene	100	386
Indeno(1,2,3-cd)pyrene	0.5	8.2

Table 1: Soil Cleanup Objectives
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Contaminant	Protection of Public Health	Protection of Groundwater
	Restricted-Residential	
m-Cresol	100	0.33
Naphthalene	100	12
o-Cresol	100	0.33
p-Cresol	100	0.33
Pentachlorophenol	6.7	0.8
Phenanthrene	100	1,000
Phenol	100	0.33
Pyrene	100	1,000
Volatiles		
1,1,1-Trichloroethane	100	0.68
1,1-Dichloroethane	26	0.27
1,1-Dichloroethene	100	0.33
1,2-Dichlorobenzene	100	1.1
1,2-Dichloroethane	3.1	0.02
cis-1,2-Dichloroethene	100	0.25
trans-1,2-Dichloroethene	100	0.19
1,3-Dichlorobenzene	49	2.4
1,4-Dichlorobenzene	13	1.8
1,4-Dioxane	13	0.1
Acetone	100	0.05
Benzene	4.8	0.06
Butylbenzene	100	12
Carbon tetrachloride	2.4	0.76
Chlorobenzene	100	1.1
Chloroform	49	0.37
Ethylbenzene	41	1
Hexachlorobenzene	1.2	3.2
Methyl ethyl ketone	100	0.12
Methyl tert-butyl ether	100	0.93
Methylene chloride	100	0.05
n-Propylbenzene	100	3.9
sec-Butylbenzene	100	11
tert-Butylbenzene	100	5.9
Tetrachloroethene	19	1.3
Toluene	100	0.7
Trichloroethene	21	0.47
1,2,4-Trimethylbenzene	52	3.6
1,3,5- Trimethylbenzene	52	8.4
Vinyl chloride	0.9	0.02
Xylene (mixed)	100	1.6

Notes:
Source 6 NYCRR Part 375 Table 375-6.8(b)
All soil cleanup objectives (SCOs) are in parts per million (ppm).
NS=Not specified.

Table 2: MW-9 LNAPL Removal Summary
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Date	Sock[1] Capacity (fluid oz)	Sock Capacity[2] (lb)	Field Weight (lb)	Tare Weight (lb)	LNAPL Weight (lb)	Percent of Capacity	LNAPL Removed via absorbent sock (gal)	LNAPL Bailed (gal)	Total LNAPL Removed During Event (gal)	Cumulative LNAPL Removed (gal)	Action Taken
12/2/2016	LNAPL bailing event							1.000	1.000	1.0	new sock[1] deployed following completion of bailing
12/15/2016	48	2.6	2.3	0.4	1.9	72%	0.329	0.002	0.330	1.3	new sock[1] deployed following completion of bailing
12/30/2016	48	2.6	2.9	0.4	2.5	95%	0.414	0.010	0.424	1.8	new sock[1] deployed following completion of bailing
1/19/2017	48	2.6	2.4	0.4	2.0	76%	0.343	N/A	0.343	2.1	Following the removal of the sock, the well was quickly bailed of ~11 gallons (two well volumes) and a new sock[1] immediately deployed following completion of bailing.
2/22/2017	48	2.6	0.6	0.4	0.2	8%	0.086	N/A	0.086	2.2	Sock removed from well. In preparation for NYSDEC requested vacuum enhanced recovery events, no new sock was deployed in the well.
6/12/2017	48	2.6	0.4	0.4	0.0	0%	0.057	N/A	0.057	2.2	new sock[1] deployed following gauging.
6/14/2017	48	2.6	1.5	0.4	1.1	42%	0.214	N/A	0.214	2.5	new sock[1] deployed following pre-injection gauging.
6/23/2017	48	2.6	2.8	0.4	2.4	91%	0.400	N/A	0.400	2.9	new sock[1] deployed following post-injection gauging.
8/8/2017	48	2.6	1.3	0.4	0.9	34%	0.186	N/A	0.186	3.0	new sock[1] deployed following gauging.
8/22/2017	48	2.6	1.1	0.4	0.7	27%	0.157	0.250	0.407	3.4	new sock[1] deployed following gauging.
8/24/2017	48	2.6	2.5	0.4	2.1	80%	0.357	0.100	0.457	3.9	new sock[1] deployed following gauging.
10/13/2017	48	2.6	*	0.4	*	*	*	0.000	*	3.9	new sock[1] deployed following gauging.

Notes:
(1) Pig Sump Skimmer SKM404.
(2) Absorbed LNAPL, assume 7 lb/gallon.
* Absorbent sock not weighed during the October 13, 2017 gauging event.

Table 3: Well Gauging Summary
904 Burke Avenue, Bronx, New York
BCP Site #C203032

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-7a	MW-9	MW-10	MW-13
Well Depth[1] (ft bmp)	13.1	13.5	25.5	10.1	9.2	14.6	14.7	14.7	12.24
	Depth to Water (ft bmp)								
1/19/2011	ND	2.50	7.30	ND	7.70	ND	7.3 [sheen]	6.30	NI
2/10,17/2011	ND	5.05 [sheen]	6.3 [sheen]	ND	4.85	9.40	ND	ND	NI
3/9/2011	ND	4.60	4.70	4.60	3.65	8.50	4.60	3.40	NI
4/11/2011	ND	5.20	5.00	5.30	4.60	8.60	ND	4.50	NI
5/12/2011	ND	5.50	5.20	5.50	5.00	8.70	ND	4.80	NI
6/8/2011	ND	5.70	5.50	5.50	5.30	8.90	6.90	5.20	NI
7/8/2011	ND	6.10	6.40	6.10	6.20	9.50	7.00	6.30	NI
9/12/2011	ND	4.60	4.00	4.60	2.90	8.00	3.90	2.40	NI
10/11/2011	ND	5.50	5.10	5.30	ND	8.80	5.50	4.40	NI
11/11/2011	ND	5.50	5.30	5.40	4.60	8.90	ND	4.70	NI
12/9/2011	ND	5.60	5.60	ND	6.00	9.60	5.80	4.60	NI
1/4/2012	ND	5.70	5.70	5.50	5.20	9.20	6.10	5.10	NI
2/15/2012	ND	6.30	6.50	ND	6.70	9.70	ND	ND	NI
3/14/2012	ND	6.10	6.70	7.50	6.30	9.70	ND	ND	NI
4/6/2012	ND	5.80	7.10	7.80	6.60	10.00	7.30	6.60	NI
5/15/2012	ND	5.80	6.50	ND	6.00	9.50	ND	ND	NI
6/7/2012	ND	5.40	5.60	ND	5.30	8.70	(2)	5.10	NI
7/9/2012	ND	6.40	6.70	6.20	6.30	9.70	(2)	ND	NI
8/1/2012	ND	6.00	7.00	ND	6.70	9.90	8 [1.8]	ND	NI
9/6/2012	ND	7.30	8.00	ND	8.00	11.30	9.1 [2]	ND	NI
10/12/2012	ND	6.55	7.50	ND	7.60	7.50	[2]	ND	NI
11/12/2012	ND	6.10	7.40	ND	7.70	10.40	[2]	ND	NI
12/13/2012	ND	6.80	7.80	ND	8.00	10.90	[2]	7.60	NI
1/14,17/2014	ND	5.60	ND	ND	ND	ND	(2)	ND	NI
10/9/2014	9.80	7.20	8.20	ND	8.40	10.90	(2)	8.35	NI
1/15/2015	ND	5.30	5.90	ND	ND	9.00	(2)	4.40	NI
4/10/2015	3.90	5.10	4.70	4.80	4.00	8.00	(2)	3.50	NI
8/15/2016	7.52	6.45	7.31	5.52	7.45	10.35	8.40 [0.4]	7.18	NI
9/1/2016	8.28	7.08	9.40	8.78	8.08	11.20	8.49 [0.41]	8.52	NI
9/12/2016	8.49	7.48	8.31	7.85	8.27	10.77	11.35 [2.5]	8.32	NI
9/13/2016	6.94	7.55	8.25	8.59	8.30	10.77	10.80 [1.90]	9.35	NI
9/28/2016	6.60	7.80	8.50	8.70	8.80	11.00	10.10 [0.50]	8.80	NI
3/3/2017	6.00	5.54	5.55	4.78	5.31	9.00	6.15 [0.01]	5.15	NI
3/13/2017	ND	ND	ND	ND	ND	ND	6.50 [0.01]	ND	NI
6/12/2017	5.43	5.82	5.55	5.95	5.30	8.84	6.17 [0.02]	5.25	9.98
6/23/2017	4.56	5.35	5.60	5.94	5.31	8.71	5.32	6.46	10.71
8/8/2017	4.91	5.56	6.98	6.84	6.58	9.85	ND	6.63	10.75
8/22/2017 AM	5.86	6.28	7.65	7.31	6.85	10.00	7.85 [0.20]	7.06	11.10
8/22/2017 PM	5.87	6.28	7.65	7.32	6.84	9.99	7.90	7.07	11.09
8/24/2017 AM	5.82	6.45	7.31	7.44	6.97	9.78	8.38 [0.15]	7.14	11.06
8/24/2017 PM	5.80	6.41	7.33	7.42	6.95	9.80	8.41 [0.02]	7.12	11.05
10/13/2017 AM	8.38	8.37	8.40	7.48	8.20	9.82	9.16 [0.01]	8.35	11.64
10/13/2017 PM	8.40	8.38	8.40	7.49	8.20	9.83	9.17 [0.01]	8.38	11.66

Notes:
ft bmp - feet below top of well casing (i.e., approximately depth below grade).
ND: No data
NI: Not installed
MW-13 installed on June 6, 2017
[0.41] - LNAPL thickness (ft).
(1) - Measured on August 15, 2016.
(2) - DTW not recorded, LNAPL encountered.

Table 4: Performance Monitoring Field Parameter Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Dissolved Oxygen (mg/l)

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-10	MW-13
Pre-Inject	06/12/17	0.39	1.99	1.28	0.27	0.57	1.80	1.14	1.21
Post Inject	06/23/17	1.17	0.68	0.69	4.23	1.06	2.08	0.47	0.97*
Post Inject	08/08/17	0.51	6.59	1.83	1.23	0.20	1.20	0.41	0.38**

pH

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-10	MW-13
Pre-Inject	06/12/17	7.36	7.11	7.02	7.17	7.18	7.00	6.97	7.40
Post Inject	06/23/17	7.56	5.15	6.95	7.13	6.41	7.02	6.92	7.43*
Post Inject	08/08/17	6.66	6.60	6.64	6.51	6.56	6.76	6.58	6.70**

Specific Conductance (uS/cm)

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-10	MW-13
Pre-Inject	06/12/17	3.99	2.28	2.97	2.81	2.57	1.69	1.47	3.01
Post Inject	06/23/17	3.51	4.52	0.88	4.28	5.61	1.61	1.37	3.20*
Post Inject	08/08/17	2.15	0.70	3.05	2.15	2.48	0.66	0.49	0.82**

Temperature (^{o}C)

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-10	MW-13
Pre-Inject	06/12/17	7.43	10.07	10.72	7.84	10.96	9.83	7.22	10.91
Post Inject	06/23/17	9.98	12.10	10.21	13.91	12.27	11.16	9.79	10.13*
Post Inject	08/08/17	20.20	20.67	18.01	18.09	20.58	19.76	17.49	22.60**

Turbidity (NTU)

		MW-1	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-10	MW-13
Pre-Inject	06/12/17	10.70	10.60	19.90	46.40	9.60	28.50	25.60	36.60
Post Inject	06/23/17	15.80	12.60	17.40	12.70	73.00	15.20	7.03	35.7*
Post Inject	08/08/17	3.89	9.53	5.00	106.00	5.87	3.44	6.55	5.1**

Notes:
OBC Injections June 15, 2017 and June 16, 2017.
* MW-13 ran dry and did not recharge during the sampling event conducted on June 23, 2017. Well was sampled on June 26, 2017.
** MW-13 began to run dry and was sampled prior to parameter stabilization during the August 8, 2017 sampling event.

Table 5: Summary of Soil Results Exceeding Regulatory Criteria
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	NYSDEC Part 375 Restricted Residential Use Criteria	NYSDEC Part 375 Groundwater Protection Criteria	PP1-20170627 6/27/2017 1' bgs	PP2-20170627 6/27/2017 1' bgs	PP3-20170627 6/27/2017 1' bgs	PP4-20170628 6/28/2017 2' bgs	PP5-20170628 6/28/2017 2' bgs	PP6-20170628 6/28/2017 2' bgs	PP7-20170628 6/28/2017 1.5' bgs	PP8-20170629 6/29/2017 1.5' bgs	PP10-20170629[1] 6/29/2017 1.5' bgs
VOCs											
1,1,1,2-Tetrachloroethane	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,1,1-Trichloroethane	100	0.68	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,1,2,2-Tetrachloroethane	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,1,2-Trichloroethane	-	-	0.0016 U	0.0016 U	0.0016 U	0.014 U	0.0017 U	0.0016 U	0.0016 U	0.0013 UJ	0.0016 U
1,1-Dichloroethane	26	0.27	0.0016 U	0.0016 U	0.0016 U	0.014 U	0.0017 U	0.0016 U	0.0016 U	0.0013 UJ	0.0016 U
1,1-Dichloroethene	100	0.33	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 UJ
1,1-Dichloropropene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,2,3-Trichlorobenzene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,2,3-Trichloropropane	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
1,2,4,5-Tetramethylbenzene	-	-	0.0044 U	0.0042 U	0.0076	0.039 U	0.00051 J	0.0043 U	0.0044 U	0.0034 UJ	0.0042 U
1,2,4-Trichlorobenzene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,2,4-Trimethylbenzene	52	3.6	0.0002 J	0.0053 U	0.066	0.048 U	0.0021 J	0.00032 J	0.0054 U	0.0043 UJ	0.0053 U
1,2-Dibromo-3-chloropropane	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,2-Dibromoethane	-	-	0.0044 U	0.0042 U	0.0042 U	0.039 U	0.0046 U	0.0043 U	0.0044 U	0.0034 UJ	0.0042 U
1,2-Dichlorobenzene	100	1.1	0.0055 U	0.0053 U	0.021	0.048 U	0.0015 J	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,2-Dichloroethane	3.1	0.02	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,2-Dichloroethene, Tota	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,2-Dichloropropane	-	-	0.0038 U	0.0037 U	0.0037 U	0.034 U	0.004 U	0.0038 U	0.0038 U	0.003 UJ	0.0037 U
1,3,5-Trimethylbenzene	52	8.4	0.0055 U	0.0053 U	0.034	0.048 U	0.0014 J	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,3-Dichlorobenzene	49	2.4	0.0055 U	0.0053 U	0.00074 J	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,3-Dichloropropane	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
1,3-Dichloropropene, Total	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
1,4-Dichlorobenzene	13	1.8	0.0055 U	0.0053 U	0.0018 J	0.048 U	0.00043 J	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
p-Diethylbenzene	-	-	0.0044 U	0.0042 U	0.026	0.039 U	0.0046 U	0.0043 U	0.0044 U	0.0034 UJ	0.0042 U
1,4-Dioxane	13	0.1	0.044 U	0.042 U	0.042 U	0.039 U	0.046 U	0.043 U	0.044 U	0.034 UJ	0.042 U
2,2-Dichloropropane	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
2-Butanone	100	0.12	0.011 UJ	0.01 UJ	0.01 UJ	0.097 U	0.0058 J	0.023	0.011 U	0.0086 UJ	0.011 U
2-Hexanone	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
p-Ethyltoluene	-	-	0.0044 U	0.0042 U	0.064	0.039 U	0.002 J	0.0043 U	0.0044 U	0.0034 UJ	0.0042 U
4-Methyl-2-pentanone	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Acetone	100	0.05	0.008 UJ	0.0086 UJ	0.045 J	0.097 U	0.079	0.12	0.014	0.0086 UJ	0.011 U
Acrylonitrile	-	-	0.011 UJ	0.01 UJ	0.01 UJ	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Benzene	4.8	0.06	0.0011 U	0.001 U	0.0018	0.00097 U	0.0011 U	0.00033 J	0.0011 U	0.00086 UJ	0.0011 U
Bromobenzene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
Bromochloromethane	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
Bromodichloromethane	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Bromoform	-	-	0.0044 U	0.0042 U	0.0042 U	0.039 U	0.0046 U	0.0043 U	0.0044 U	0.0034 UJ	0.0042 U
Bromomethane	-	-	0.0022 U	0.0021 U	0.0021 U	0.0019 U	0.0023 U	0.0022 U	0.0022 U	0.0017 UJ	0.0021 U
Carbon disulfide	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Carbon tetrachloride	2.4	0.76	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Chlorobenzene	100	1.1	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Chloroethane	-	-	0.0022 U	0.0021 U	0.0021 U	0.0019 UJ	0.0023 U	0.0022 UJ	0.0022 UJ	0.0017 UJ	0.0021 UJ
Chloroform	49	0.37	0.0016 U	0.0016 U	0.0016 U	0.014 U	0.0017 U	0.0016 U	0.0016 U	0.0013 UJ	0.0016 U
Chloromethane	-	-	0.0055 UJ	0.0053 UJ	0.0052 UJ	0.048 UJ	0.0057 U	0.0054 UJ	0.0054 UJ	0.0043 UJ	0.0053 U
cis-1,2-Dichloroethene	100	0.25	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
cis-1,3-Dichloropropene	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Dibromochloromethane	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Dibromomethane	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Dichlorodifluoromethane	-	-	0.011 U	0.01 U	0.01 U	0.097 UJ	0.011 UJ	0.011 UJ	0.011 UJ	0.0086 UJ	0.011 UJ
Ethyl ether	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 UJ
Ethylbenzene	41	1	0.0011 U	0.001 U	0.007	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Hexachlorobutadiene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
Isopropylbenzene	-	-	0.0011 U	0.001 U	0.0022	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Methyl tert butyl ether	100	0.93	0.0022 U	0.0021 U	0.066	0.0019 U	0.0023 U	0.00081 J	0.0022 U	0.0017 UJ	0.0021 U
Methylene chloride	100	0.05	0.011 U	0.01 U	0.0027 J	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Naphthalene	100	12	0.00073 U	0.0004 U	0.015	0.048 U	0.00022 J	0.00058 J	0.0054 U	0.0043 UJ	0.00018 J
n-Butylbenzene	100	12	0.0011 U	0.001 U	0.0025	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
n-Propylbenzene	100	3.9	0.0011 U	0.001 U	0.0063	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
o-Chlorotoluene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
o-Xylene	-	-	0.0022 U	0.0021 U	0.089	0.0019 U	0.00046 J	0.0022 U	0.0022 U	0.0017 UJ	0.0021 U
p/m-Xylene	-	-	0.0022 U	0.0021 U	0.049	0.0019 U	0.0023 U	0.00052 J	0.0022 U	0.0017 UJ	0.0021 U
p-Chlorotoluene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
p-Isopropyltoluene	-	-	0.0011 U	0.001 U	0.00088 J	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
sec-Butylbenzene	100	11	0.0011 U	0.001 U	0.0015	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Styrene	-	-	0.0022 U	0.0021 U	0.0021 U	0.0019 U	0.0023 U	0.0022 U	0.0022 U	0.0017 UJ	0.0021 U
tert-Butylbenzene	100	5.9	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
Tetrachloroethene	19	1.3	0.0022	0.003	0.0064	0.00073 J	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.00071 J
Toluene	100	0.7	0.0016 U	0.0016 U	0.0085	0.014 U	0.0017 U	0.00025 J	0.0016 U	0.0013 UJ	0.0016 U
trans-1,2-Dichloroethene	100	0.19	0.0016 U	0.0016 U	0.0016 U	0.014 U	0.0017 U	0.0016 U	0.0016 U	0.0013 UJ	0.0016 U
trans-1,3-Dichloropropene	-	-	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
trans-1,4-Dichloro-2-butene	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 U	0.0057 U	0.0054 U	0.0054 U	0.0043 UJ	0.0053 U
Trichloroethene	21	0.47	0.0011 U	0.001 U	0.001 U	0.00097 U	0.0011 U	0.0011 U	0.0011 U	0.00086 UJ	0.0011 U
Trichlorofluoromethane	-	-	0.0055 U	0.0053 U	0.0052 U	0.048 UJ	0.0057 U	0.0054 UJ	0.0054 UJ	0.0043 UJ	0.0053 UJ
Vinyl acetate	-	-	0.011 U	0.01 U	0.01 U	0.097 U	0.011 U	0.011 U	0.011 U	0.0086 UJ	0.011 U
Vinyl chloride	0.9	0.02	0.0022 UJ	0.0021 UJ	0.0021 UJ	0.0019 U	0.0023 U	0.0022 U	0.0022 U	0.0017 UJ	0.0021 U
Xylenes, Total	100	1.6	0.0022 U	0.0021 U	0.14	0.0019 U	0.00046 J	0.00052 J	0.0022 U	0.0017 UJ	0.0021 U
Total VOCs	-	-	0	0	1	0	0	0	0	0	0

Table 5: Summary of Soil Results Exceeding Regulatory Criteria
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	NYSDEC Part 375 Restricted Residential Use Criteria	NYSDEC Part 375 Groundwater Protection Criteria	NORTH WALL-20170628 6/28/2017 3' bgs	EAST WALL-20170628 6/28/2017 4' bgs	SOUTH WALL-20170628 6/28/2017 4' bgs	WEST WALL-20170628 6/28/2017 3' bgs	B-1-20170628 6/28/2017 6' bgs	B-2-20170628 6/28/2017 6' bgs
VOCs								
1,1,1,2-Tetrachloroethane	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,1,1-Trichloroethane	100	0.68	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,1,2,2-Tetrachloroethane	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,1,2-Trichloroethane	-	-	0.0012 U	0.0015 U	0.001 U	0.014 U	0.092 U	0.0013 U
1,1-Dichloroethane	26	0.27	0.0012 U	0.0015 U	0.001 U	0.014 U	0.092 U	0.0013 U
1,1-Dichloroethene	100	0.33	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,1-Dichloropropene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,2,3-Trichlorobenzene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,2,3-Trichloropropane	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
1,2,4,5-Tetramethylbenzene	-	-	0.00067 J	0.039 U	0.0027 U	0.0037 U	1.9	0.0035 U
1,2,4-Trichlorobenzene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,2,4-Trimethylbenzene	52	3.6	0.00018 J	0.0049 U	0.034 U	0.0046 U	5.4	0.0043 U
1,2-Dibromo-3-chloropropane	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,2-Dibromoethane	-	-	0.0033 U	0.039 U	0.0027 U	0.0037 U	0.25 U	0.0035 U
1,2-Dichlorobenzene	100	1.1	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,2-Dichloroethane	3.1	0.02	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,2-Dichloroethene, Tota	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,2-Dichloropropane	-	-	0.0029 U	0.034 U	0.0024 U	0.0032 U	0.22 U	0.003 U
1,3,5-Trimethylbenzene	52	8.4	0.0042 U	0.0049 U	0.034 U	0.0046 U	1.2	0.0043 U
1,3-Dichlorobenzene	49	2.4	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,3-Dichloropropane	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
1,3-Dichloropropene, Total	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
1,4-Dichlorobenzene	13	1.8	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
p-Diethylbenzene	-	-	0.0033 U	0.039 U	0.0027 U	0.0037 U	2.6	0.0035 U
1,4-Dioxane	13	0.1	0.033 U	0.039 U	0.027 U	0.037 U	2.5 U	0.035 U
2,2-Dichloropropane	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
2-Butanone	100	0.12	0.014	0.0064 J	0.0076	0.0042 J	0.62 U	0.0039 J
2-Hexanone	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
p-Ethyltoluene	-	-	0.00028 J	0.039 U	0.0027 U	0.0037 U	1.7	0.0035 U
4-Methyl-2-pentanone	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Acetone	100	0.05	0.097	0.059	0.059	0.043	0.32 J	0.042
Acrylonitrile	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Benzene	4.8	0.06	0.00078 J	0.00043 J	0.00035 J	0.00093 U	0.019 J	0.00022 J
Bromobenzene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Bromochloromethane	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Bromodichloromethane	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Bromoform	-	-	0.0033 U	0.039 U	0.0027 U	0.0037 U	0.25 U	0.0035 U
Bromomethane	-	-	0.0017 U	0.002 U	0.014 U	0.0018 U	0.12 U	0.0017 U
Carbon disulfide	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Carbon tetrachloride	2.4	0.76	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Chlorobenzene	100	1.1	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Chloroethane	-	-	0.0017 UJ	0.002 UJ	0.014 UJ	0.0018 UJ	0.12 U	0.0017 UJ
Chloroform	49	0.37	0.0012 U	0.0015 U	0.001 U	0.014 U	0.092 U	0.0013 U
Chloromethane	-	-	0.0042 UJ	0.0049 UJ	0.034 UJ	0.0046 UJ	0.31 U	0.0043 UJ
cis-1,2-Dichloroethene	100	0.25	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
cis-1,3-Dichloropropene	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Dibromochloromethane	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Dibromomethane	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Dichlorodifluoromethane	-	-	0.0083 UJ	0.0098 UJ	0.0068 UJ	0.0093 UJ	0.62 U	0.0087 UJ
Ethyl ether	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Ethylbenzene	41	1	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.048 J	0.00087 U
Hexachlorobutadiene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Isopropylbenzene	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.22	0.00087 U
Methyl tert butyl ether	100	0.93	0.0029	0.00048 J	0.00037 J	0.00031 J	0.12 U	0.0018
Methylene chloride	100	0.05	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Naphthalene	100	12	0.0002 J	0.0049 U	0.00014 J	0.0046 U	3.5	0.0043 U
n-Butylbenzene	100	12	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.51	0.00087 U
n-Propylbenzene	100	3.9	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.82	0.00087 U
o-Chlorotoluene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
o-Xylene	-	-	0.0017 U	0.002 U	0.014 U	0.0018 U	0.61	0.0017 U
p/m-Xylene	-	-	0.00056 J	0.002 U	0.014 U	0.0018 U	1.1	0.0017 U
p-Chlorotoluene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
p-Isopropyltoluene	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.11	0.00087 U
sec-Butylbenzene	100	11	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.17	0.00087 U
Styrene	-	-	0.0017 U	0.002 U	0.014 U	0.0018 U	0.12 U	0.0017 U
tert-Butylbenzene	100	5.9	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Tetrachloroethene	19	1.3	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Toluene	100	0.7	0.00025 J	0.0015 U	0.001 U	0.014 U	0.015 J	0.0013 U
trans-1,2-Dichloroethene	100	0.19	0.0012 U	0.0015 U	0.001 U	0.014 U	0.092 U	0.0013 U
trans-1,3-Dichloropropene	-	-	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
trans-1,4-Dichloro-2-butene	-	-	0.0042 U	0.0049 U	0.034 U	0.0046 U	0.31 U	0.0043 U
Trichloroethene	21	0.47	0.00083 U	0.00098 U	0.00068 U	0.00093 U	0.062 U	0.00087 U
Trichlorofluoromethane	-	-	0.0042 UJ	0.0049 UJ	0.034 UJ	0.0046 UJ	0.31 U	0.0043 UJ
Vinyl acetate	-	-	0.0083 U	0.0098 U	0.0068 U	0.0093 U	0.62 U	0.0087 U
Vinyl chloride	0.9	0.02	0.0017 U	0.002 U	0.014 U	0.0018 U	0.12 U	0.0017 U
Xylenes, Total	100	1.6	0.00056 J	0.002 U	0.014 U	0.0018 U	1.7	0.0017 U
Total VOCs	-	-	0	0	0	0	20	0

Notes:
concentrations in mg/kg
1 - Blind duplicate of PP10-20170629
U qualifier: Non-detected (concentration is below the laboratory reporting limit).
J qualifier: Estimated value.

Table 6: Imported Backfill Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	DER 10 - Allowable Constituent Levels for Imported Fill[1]	Clean Fill-20170628 6/27/2017	Clean Fill 2A-20170628[2] 6/27/2017
General Chemistry			
Chromium, Trivalent	180	2.1	0.91
Cyanide, Total	27	1 U	0.93 U
Chromium, Hexavalent	19	0.81 U	0.81 U
Total Metals			
Aluminum, Total	-	385	233
Antimony, Total	-	3.95 U	0.575 J
Arsenic, Total	16	0.625 J	0.599 J
Barium, Total	400	1.49	1.22
Beryllium, Total	47	0.055 J	0.399 U
Cadmium, Total	4.3	0.103 J	0.798 U
Calcium, Total	-	171 J	71.4 J
Chromium, Total	-	2.14	0.91
Cobalt, Total	-	0.411 J	0.319 J
Copper, Total	270	1.04	0.638 J
Iron, Total	-	3,220	1,050
Lead, Total	400	0.838 J	0.551 J
Magnesium, Total	-	95.5	37.2
Manganese, Total	2,000	13.4	15.2
Mercury, Total	0.73	0.06 U	0.06 U
Nickel, Total	130	0.822 J	0.399 J
Potassium, Total	-	41.1 J	31.3 J
Selenium, Total	4	1.58 U	1.6 U
Silver, Total	8.3	0.791 U	0.798 U
Sodium, Total	-	8.02 J	5.83 J
Thallium, Total	-	1.58 U	1.6 U
Vanadium, Total	-	2.86	1.48
Zinc, Total	2,480	5.42	1 J
Chlorinated Herbicides by GC			
2,4,5-T	-	0.167 U	0.167 U
2,4,5-TP (Silvex)	3.8	0.167 U	0.167 U
2,4-D	-	0.167 U	0.167 U
Volatile Organics by 8260/5035			
1,1,1,2-Tetrachloroethane	-	0.00099 U	0.00087 U
1,1,1-Trichloroethane	0.68	0.00099 U	0.00087 U
1,1,2,2-Tetrachloroethane	-	0.00099 U	0.00087 U
1,1,2-Trichloroethane	-	0.0015 U	0.0013 U
1,1-Dichloroethane	0.27	0.0015 U	0.0013 U
1,1-Dichloroethene	0.33	0.00099 U	0.00087 U
1,1-Dichloropropene	-	0.0049 U	0.0044 U
1,2,3-Trichlorobenzene	-	0.0049 U	0.0044 U
1,2,3-Trichloropropane	-	0.0099 U	0.0087 U
1,2,4,5-Tetramethylbenzene	-	0.004 U	0.0035 U
1,2,4-Trichlorobenzene	-	0.0049 UJ	0.0044 U
1,2,4-Trimethylbenzene	3.6	0.0049 U	0.0044 U
1,2-Dibromo-3-chloropropane	-	0.0049 U	0.0044 U
1,2-Dibromoethane	-	0.004 U	0.0035 U
1,2-Dichlorobenzene	1.1	0.0049 U	0.0044 U

Table 6: Imported Backfill Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	DER 10 - Allowable Constituent Levels for Imported Fill[1]	Clean Fill-20170628 6/27/2017	Clean Fill 2A-20170628[2] 6/27/2017
1,2-Dichloroethane	0.02	0.00099 U	0.00087 U
1,2-Dichloroethene, Total	-	0.00099 U	0.00087 U
1,2-Dichloropropane	-	0.0035 U	0.003 U
1,3,5-Trimethylbenzene	8.4	0.0049 U	0.0044 U
1,3-Dichlorobenzene	2.4	0.0049 U	0.0044 U
1,3-Dichloropropane	-	0.0049 U	0.0044 U
1,3-Dichloropropene, Total	-	0.00099 U	0.00087 U
1,4-Dichlorobenzene	1.8	0.0049 U	0.0044 U
1,4-Dioxane	0.1	0.04 U	0.035 U
2,2-Dichloropropane	-	0.0049 U	0.0044 U
2-Butanone	0.12	0.0099 U	0.0087 U
2-Hexanone	-	0.0099 U	0.0087 U
4-Methyl-2-pentanone	-	0.0099 U	0.0087 U
Acetone	0.05	0.012 J	0.021 J
Acrylonitrile	-	0.0099 U	0.0087 U
Benzene	0.06	0.00099 U	0.00087 U
Bromobenzene	-	0.0049 U	0.0044 U
Bromochloromethane	-	0.0049 U	0.0044 U
Bromodichloromethane	-	0.00099 U	0.00087 U
Bromoform	-	0.004 U	0.0035 U
Bromomethane	-	0.002 U	0.0017 U
Carbon disulfide	-	0.0099 U	0.0087 U
Carbon tetrachloride	0.76	0.00099 U	0.00087 U
Chlorobenzene	1.1	0.00099 U	0.00087 U
Chloroethane	-	0.002 UJ	0.0017 UJ
Chloroform	0.37	0.0015 U	0.0013 U
Chloromethane	-	0.0049 UJ	0.0044 UJ
cis-1,2-Dichloroethene	0.25	0.00099 U	0.00087 U
cis-1,3-Dichloropropene	-	0.00099 U	0.00087 U
Dibromochloromethane	-	0.00099 U	0.00087 U
Dibromomethane	-	0.0099 U	0.0087 U
Dichlorodifluoromethane	-	0.0099 UJ	0.0087 U
Ethyl ether	-	0.0049 U	0.0044 UJ
Ethylbenzene	1	0.00099 U	0.00087 U
Hexachlorobutadiene	-	0.0049 U	0.0044 U
Isopropylbenzene	-	0.00099 U	0.00087 U
Methyl tert butyl ether	0.93	0.002 U	0.0017 U
Methylene chloride	0.05	0.0099 U	0.0087 U
n-Butylbenzene	-	0.00099 U	0.00087 U
n-Propylbenzene	3.9	0.00099 U	0.00087 U
Naphthalene	-	0.0049 U	0.0044 U
o-Chlorotoluene	-	0.0049 U	0.0044 U
o-Xylene	-	0.002 U	0.0017 U
p-Chlorotoluene	-	0.0049 U	0.0044 U
p-Diethylbenzene	-	0.004 U	0.0035 U
p-Ethyltoluene	-	0.004 U	0.0035 U
p-Isopropyltoluene	-	0.00099 U	0.00087 U
p/m-Xylene	-	0.002 U	0.0017 U

Table 6: Imported Backfill Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	DER 10 - Allowable Constituent Levels for Imported Fill[1]	Clean Fill-20170628 6/27/2017	Clean Fill 2A-20170628[2] 6/27/2017
sec-Butylbenzene	11	0.00099 U	0.00087 U
Styrene	-	0.002 U	0.0017 U
tert-Butylbenzene	5.9	0.0049 U	0.0044 U
Tetrachloroethene	1.3	0.00099 U	0.00087 U
Toluene	0.7	0.0015 U	0.0013 U
trans-1,2-Dichloroethene	0.19	0.0015 U	0.0013 U
trans-1,3-Dichloropropene	-	0.00099 U	0.00087 U
trans-1,4-Dichloro-2-butene	-	0.0049 U	0.0044 U
Trichloroethene	0.47	0.00099 U	0.00087 U
Trichlorofluoromethane	-	0.0049 UJ	0.0044 UJ
Vinyl acetate	-	0.0099 UJ	0.0087 U
Vinyl chloride	0.02	0.002 U	0.0017 U
Xylenes, Total	1.6	0.002 U	0.0017 U
Semivolatile Organics by GC/MS			
1,2,4,5-Tetrachlorobenzene	-	0.17 U	0.16 U
1,2,4-Trichlorobenzene	-	0.17 J	0.16 U
1,2-Dichlorobenzene	-	0.17 U	0.16 U
1,3-Dichlorobenzene	-	0.17 U	0.16 U
1,4-Dichlorobenzene	-	0.17 U	0.16 U
2,4,5-Trichlorophenol	-	0.17 U	0.16 U
2,4,6-Trichlorophenol	-	0.10 U	0.10 U
2,4-Dichlorophenol	-	0.15 U	0.15 U
2,4-Dimethylphenol	-	0.17 U	0.16 U
2,4-Dinitrophenol	-	0.80 UJ	0.80 UJ
2,4-Dinitrotoluene	-	0.17 UJ	0.16 UJ
2,6-Dinitrotoluene	-	0.17 U	0.16 U
2-Chloronaphthalene	-	0.17 U	0.16 U
2-Chlorophenol	-	0.17 U	0.16 U
2-Methylnaphthalene	-	0.20 U	0.20 U
2-Methylphenol	-	0.17 U	0.16 U
2-Nitroaniline	-	0.17 U	0.16 U
2-Nitrophenol	-	0.36 U	0.36 U
3,3'-Dichlorobenzidine	-	0.17 U	0.16 U
3-Methylphenol/4-Methylphenol	-	0.24 U	0.24 U
3-Nitroaniline	-	0.17 U	0.16 U
4,6-Dinitro-o-cresol	-	0.44 UJ	0.43 UJ
4-Bromophenyl phenyl ether	-	0.17 U	0.16 U
4-Chloroaniline	-	0.17 U	0.16 U
4-Chlorophenyl phenyl ether	-	0.17 U	0.16 U
4-Nitroaniline	-	0.17 U	0.16 U
4-Nitrophenol	-	0.23 U	0.23 U
Acenaphthene	98	0.13 U	0.13 U
Acenaphthylene	100	0.13 U	0.13 U
Acetophenone	-	0.17 U	0.16 U
Anthracene	100	0.10 U	0.10 U
Benzo(a)anthracene	1	0.10 U	0.10 U
Benzo(a)pyrene	1	0.13 U	0.13 U
Benzo(b)fluoranthene	1	0.10 U	0.10 U

Table 6: Imported Backfill Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	DER 10 - Allowable Constituent Levels for Imported Fill[(1)]	Clean Fill-20170628 6/27/2017	Clean Fill 2A-20170628[(2)] 6/27/2017
Benzo(ghi)perylene	100	0.13 U	0.13 U
Benzo(k)fluoranthene	1.7	0.10 U	0.10 U
Benzoic Acid	-	0.54 R	0.54 U
Benzyl Alcohol	-	0.17 U	0.16 U
Biphenyl	-	0.38 U	0.38 U
Bis(2-chloroethoxy)methane	-	0.18 U	0.18 U
Bis(2-chloroethyl)ether	-	0.15 U	0.15 U
Bis(2-chloroisopropyl)ether	-	0.20 U	0.20 U
Bis(2-ethylhexyl)phthalate	-	0.17 U	0.16 U
Butyl benzyl phthalate	-	0.17 U	0.16 U
Carbazole	-	0.17 U	0.16 U
Chrysene	1	0.10 U	0.10 U
Di-n-butylphthalate	-	0.10 U	0.10 U
Di-n-octylphthalate	-	0.17 U	0.16 U
Dibenzo(a,h)anthracene	0.33	0.17 U	0.16 U
Dibenzofuran	-	0.17 U	0.16 U
Diethyl phthalate	-	0.17 U	0.16 U
Dimethyl phthalate	-	0.17 U	0.16 U
Fluoranthene	100	0.10 U	0.026 J
Fluorene	100	0.17 U	0.16 U
Hexachlorobenzene	-	0.10 U	0.10 U
Hexachlorobutadiene	-	0.17 U	0.16 U
Hexachlorocyclopentadiene	-	0.48 U	0.47 U
Hexachloroethane	-	0.13 U	0.13 U
Indeno(1,2,3-cd)pyrene	0.5	0.13 U	0.13 U
Isophorone	-	0.15 U	0.15 U
n-Nitrosodi-n-propylamine	-	0.17 U	0.16 U
Naphthalene	12	0.15 U	0.15 U
NDPA/DPA	-	0.13 U	0.13 U
Nitrobenzene	-	0.17 U	0.16 U
p-Chloro-m-cresol	-	0.17 U	0.16 U
Pentachlorophenol	0.8	0.13 U	0.13 U
Phenanthrene	100	0.10 U	0.023 J
Phenol	0.33	0.17 U	0.16 U
Pyrene	100	0.10 U	0.021 J
Polychlorinated Biphenyls by GC			
Aroclor 1016	-	0.0325 U	0.0331 U
Aroclor 1221	-	0.0325 U	0.0331 U
Aroclor 1232	-	0.0325 U	0.0331 U
Aroclor 1242	-	0.0325 U	0.0331 U
Aroclor 1248	-	0.0325 U	0.0331 U
Aroclor 1254	-	0.0325 U	0.0331 U
Aroclor 1260	-	0.0325 U	0.0331 U
Aroclor 1262	-	0.0325 U	0.0331 U
Aroclor 1268	-	0.0325 U	0.0331 U
PCBs, Total	1	0.0325 U	0.0331 U
Organochlorine Pesticides by GC			
4,4'-DDD	13	0.00154 U	0.00158 U

Table 6: Imported Backfill Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	DER 10 - Allowable Constituent Levels for Imported Fill[(1)]	Clean Fill-20170628 6/27/2017	Clean Fill 2A-20170628[(2)] 6/27/2017
4,4'-DDE	8.9	0.00154 U	0.00158 U
4,4'-DDT	7.9	0.00288 U	0.00297 U
Aldrin	0.097	0.00154 U	0.00158 U
Alpha-BHC	0.02	0.000641 U	0.000659 U
Beta-BHC	0.09	0.00154 U	0.00158 U
Chlordane	2.9	0.0125 U	0.0128 U
cis-Chlordane	-	0.00192 U	0.00198 U
Delta-BHC	0.25	0.00154 U	0.00158 U
Dieldrin	0.1	0.000962 U	0.000989 U
Endosulfan I	24	0.00154 U	0.00158 U
Endosulfan II	24	0.00154 U	0.00158 U
Endosulfan sulfate	24	0.000641 U	0.000659 U
Endrin	0.06	0.000641 U	0.000659 U
Endrin aldehyde	-	0.00192 U	0.00198 U
Endrin ketone	-	0.00154 U	0.00158 U
Heptachlor	0.38	0.000769 U	0.000791 U
Heptachlor epoxide	-	0.00288 U	0.00297 U
Lindane	0.1	0.000641 U	0.000659 U
Methoxychlor	-	0.00288 U	0.00297 U
Toxaphene	-	0.0288 U	0.0297 U
trans-Chlordane	-	0.00192 U	0.00198 U

Notes:
concentrations in mg/kg
1) - DER-10 Appendix 5 Restricted Residential Use.
2) - Blind duplicate of Clean Fill-20170628
U qualifier: Non-detected (concentration is below the laboratory reporting limit).
J qualifier: Estimated value.
R qualifier: Rejected value.

Table 7: Summary of Groundwater Results Exceeding Regulatory Criteria
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	NY AWQS	MW-1 6/12/2017	MW-1 6/23/2017	MW-1 8/8/2017	MW-2 6/12/2017	MW-2 6/23/2017	MW-2 8/8/2017	MW-3 6/12/2017	MW-18A[1] 6/12/2017	MW-3 6/23/2017	MW-18A[1] 6/23/2017	MW-3 8/8/2017	MW-18A[1] 8/8/2017
Inorganics													
Sulfate	250,000	800,000	660,000 J	950,000	15,000	880,000	200,000	6,900 U	7,500 U	15,000	15,000 J	1,100,000	1,000,000
VOCs													
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6 U	3 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 UJ	2.5 U	2.5 U	2.5 UJ	2.5 U	10 U	5 UJ	5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	2 U	2 U	2 U	7.8	0.6 J	20	4 U	4 U	4.3	5.1	5.9	5.8
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	27	2.5 U	200	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U	8 U	4 U	4 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.32 J	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene, Total	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	4 U	2 U	2 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	7.5	2.5 U	50	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene, Total	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	-	250 U	250 U	250 UJ	250 U	250 U	1,000 UJ	500 U	500 U	250 U	250 U	250 UJ	250 UJ
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 UJ	2.5 U	2.5 U	10 UJ	5 U	5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	20 U	10 U	10 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 UJ	5 U	5 U	5 UJ	20 U	10 U	10 U	5 UJ	5 UJ	5 U	5 U
4-Methyl-2-pentanone	-	5 U	5 UJ	5 U	5 U	5 UJ	20 U	10 U	10 U	5 UJ	5 UJ	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	65	11 J	10 U	10 U	1.5 J	5 U	2.3 J	5 U
Acrylonitrile	5	5 U	5 U	5 U	5 U	5 U	20 U	10 U	10 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.19 J	0.61	2 U	1 U	1 U	0.49 J	0.52	0.5 U	0.5 U
Bromobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	2 U	2 U	2 U	2 U	8 U	4 U	4 U	2 U	2 U	2 U	2 U
Bromomethane	5	2.5 U	2.5 U	2.5 U	2.5 U	5.5	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	-	5 U	5 U	5 U	5 U	2.4 J	20 U	10 U	10 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	9	10 U	5 U	5 U	2.5 U	2.5 U	0.9 J	0.89 J
Chloroform	7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	45	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U	20 U	10 U	10 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 UJ	5 U	5 U	5 UJ	5 U	20 U	10 UJ	10 UJ	5 U	5 U	5 U	5 U
Ethyl ether	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U	11	12	280	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	2.5 U	2.2 J	2.5 U	6.3 J	5 U	5 U	1.2 J	1.4 J	1.7 J	1.7 J
Methyl tert butyl ether	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	1.7 J	1.6 J	1.9 J	2.1 J	16	15
Methylene chloride	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	2.5 UJ	0.84 J	2.5 U	10 UJ	5 U	5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ
n-Propylbenzene	5	2.5 U	2.5 U	2.5 U	2.9	2.5 U	15	5 U	5 U	1.2 J	1.3 J	2.5 U	2.5 U
Naphthalene	10	2.8 J	2.5 U	2.5 U	16 J	3.6	87	5.3 J	1.9 J	1.2 J	1.4 J	2.5 U	2.5 U
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U	12	2.5 U	200	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	-	2 U	2 U	2 U	8.1	2 U	54	6.5	6.4	5.2	5.7	14	14
p-Ethyltoluene	-	2 U	2 U	2 U	13	2 U	90	4 U	4 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	2.5 U	2.5 U	2.5 U	21	2.5 U	650	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	2.5 U	2.5 U	2.5 UJ	0.71 J	2.5 U	10 UJ	5 U	5 U	0.73 J	0.84 J	1.2 J	1.2 J
Styrene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	2.5 UJ	2.5 U	2.5 U	2.5 UJ	10 U	5 U	5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl acetate	-	5 U	5 U	5 U	5 U	5 U	20 U	10 U	10 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	4 U	2 U	2 U	1 U	1 U	1 U	1 U
Xylenes, Total	5	2.5 U	2.5 U	2.5 U	33	2.5 U	850	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total VOCs	-	3	0	0	130	144	1,663	14	10	18	18	42	44

Table 7: Summary of Groundwater Results Exceeding Regulatory Criteria
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	NY AWQS	MW-4 6/12/2017	MW-4 6/23/2017	MW-4 8/8/2017	MW-5 6/12/2017	MW-5 6/23/2017	MW-5 8/8/2017	MW-7a 6/12/2017	MW-7a 6/23/2017	MW-7a 8/8/2017	MW-10 6/12/2017	MW-10 6/23/2017	MW-10 8/8/2017
Inorganics													
Sulfate	250,000	1,600 U	2,300,000	1,200,000	1,800 U	2,200,000	920,000	10,000 U	17,000	1,400 U	5,700 U	22,000	25,000
VOCs													
1,1,1,2-Tetrachloroethane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	6 U	1.5 U	15 U	1.5 U	15 U	1.5 U	3.8 U	6 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	10 U	2.5 U	25 UJ	2.5 U	25 U	2.5 UJ	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	14	8 U	6.4	35	2 U	22	61	14	66	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	10 U	2.5 U	510	2.5 U	470	52	6.2	59	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	8 U	2 U	20 U	2 U	20 U	2 U	5 U	8 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	4.4	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene, Total	-	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1 U	2.2 J	1 U	10 U	1 U	10 U	1 U	2.5 U	4 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	2 J	10 U	2.5 U	100	2.5 U	48	14	1.9 J	28	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene, Total	0.4*	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	-	250 U	1,000 U	250 UJ	2,500 U	250 U	2,500 UJ	250 U	620 U	1,000 UJ	250 U	250 U	250 UJ
2,2-Dichloropropane	5	2.5 U	10 U	2.5 UJ	25 U	2.5 U	25 UJ	2.5 U	6.2 U	10 UJ	2.5 U	2.5 U	2.5 UJ
2-Butanone	50	5 U	120	5 U	50 U	16	50 U	5 U	12 U	20 U	5 U	5 U	5 U
2-Hexanone	50	5 U	20 UJ	5 U	50 U	5 UJ	50 U	5 U	12 UJ	20 U	5 U	5 UJ	5 U
4-Methyl-2-pentanone	-	5 U	20 UJ	5 U	50 U	5 UJ	50 U	5 U	12 UJ	20 U	5 U	5 UJ	5 U
Acetone	50	6	630	44	50 U	200	50 U	5 U	12	20 U	5 U	5 U	5 U
Acrylonitrile	5	5 U	20 U	5 U	50 U	5 U	50 U	5 U	12 U	20 U	5 U	5 U	5 U
Benzene	1	31	33	11	360	0.21 J	640	0.49 J	1.2 U	0.68 J	0.5 U	0.5 U	0.5 U
Bromobenzene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	8 U	2 U	20 U	2 U	20 U	2 U	5 U	8 U	2 U	2 U	2 U
Bromomethane	5	2.5 U	22	2.5 U	25 U	2.4 J	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 UJ
Carbon disulfide	-	5 U	20 U	1.5 J	50 U	5 U	50 U	5 U	12 U	20 U	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	44	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Chloroform	7	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	2.5 U	310	4.9	25 U	16	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4*	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	20 U	5 U	50 U	5 U	50 U	5 U	12 U	20 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	20 U	5 U	50 UJ	5 U	50 U	5 UJ	12 U	20 U	5 U	5 U	5 U
Ethyl ether	-	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	9.6	10 U	2.9	500	2.5 U	600	91	23	120	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	6.1	10 U	2.5	32	2.5 U	21 J	24	4.8 J	35	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether	10	25	10 U	14	25 U	38	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Methylene chloride	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.3 J	10 U	0.93 J	25 U	2.5 U	25 UJ	12	3.7 J	17 J	2.5 U	2.5 U	2.5 UJ
n-Propylbenzene	5	8.8	10 U	4.2	66	2.5 U	46	76	24	100	2.5 U	2.5 U	2.5 U
Naphthalene	10	11	10 U	1.7 J	180 J	2.5 U	190	42 J	9.9	63	0.71 J	1.2 J	2.5 U
o-Chlorotoluene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	3.3	10 U	2.5 U	45	2.5 U	50	0.7 J	6.2 U	10 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	-	6.9	8 U	5	43	2 U	22	26	6.1	32	2 U	2 U	2 U
p-Ethyltoluene	-	5.7	8 U	2.3	140	2 U	100	20	4.4 J	36	2 U	2 U	2 U
p-Isopropyltoluene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	1 J	6.2 U	10 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	17	10 U	2.2 J	610	2.5 U	540	49	10	83	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	2.9	10 U	2.2 J	25 U	2.5 U	25 UJ	8.7	2.4 J	12 J	2.5 U	2.5 U	2.5 UJ
Styrene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.72	0.47 J
Toluene	5	2.8	10 U	2.5 U	62	2.5 U	28	1.2 J	6.2 U	10 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4*	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.2 U	2 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	10 UJ	2.5 U	25 U	2.5 UJ	25 U	2.5 U	6.2 UJ	10 U	2.5 U	2.5 UJ	2.5 U
Trichloroethene	5	0.5 U	2 U	0.5 U	5 U	0.5 U	5 U	0.5 U	1.1 U	2 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	2.5 U	10 U	2.5 U	25 U	2.5 U	25 U	2.5 U	6.2 U	10 U	2.5 U	2.5 U	2.5 U
Vinyl acetate	-	5 U	20 U	5 U	50 U	5 U	50 U	5 U	12 U	20 U	5 U	5 U	5 U
Vinyl chloride	2	1 U	4 U	1 U	10 U	1 U	10 U	1 U	2.5 U	4 U	1 U	1 U	1 U
Xylenes, Total	5	20	10 U	2.2 J	660	2.5 U	590	50 J	10	83	2.5 U	2.5 U	2.5 U
Total VOCs	-	154	1,166	106	2,683	273	2,777	479	124	652	1	2	0

Table 7: Summary of Groundwater Results Exceeding Regulatory Criteria
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Compound	NY AWQS	MW-13 6/12/2017	MW-13 6/26/2017	MW-13 8/8/2017	Trip Blank 6/12/2017	Trip Blank 6/23/2017	Trip Blank 8/8/2017
Inorganics							
Sulfate	250,000	35,000	34,000	15,000	NA	NA	NA
VOCs							
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 UJ	2.5 U	2.5 U	2.5 UJ	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	62	88	30	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	11	19	2.7	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene, Total	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	3.8	5.4	1.5 J	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene, Total	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	-	250 U	250 U	250 UJ	250 U	250 U	250 UJ
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 UJ	2.5 U	2.5 U	2.5 UJ
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 UJ	5 U
4-Methyl-2-pentanone	-	5 U	5 U	5 U	5 U	5 UJ	5 U
Acetone	50	5 U	12	5 U	5 U	5 U	5 U
Acrylonitrile	5	23	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	-	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	2.5 U	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 UJ	5 U	5 U	5 UJ	5 U	5 U
Ethyl ether	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	22	36	13	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	20	28	10	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylene chloride	5	2.5 U	1.1 J	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	8.6	13	3.1 J	2.5 U	2.5 U	2.5 UJ
n-Propylbenzene	5	51	89	23	2.5 U	2.5 U	2.5 U
Naphthalene	10	24 J	36	19	2.5 UJ	2.5 U	2.5 U
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	-	23	58	8.5	2 U	2 U	2 U
p-Ethyltoluene	-	8.8	13	1.6 J	2 U	2 U	2 U
p-Isopropyltoluene	5	1.6 J	2 J	2.5 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	7.9	7.2	1.2 J	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5	10	13	4.1 J	2.5 U	2.5 U	2.5 UJ
Styrene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
Toluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U
trans-1,3-Dichloropropene	0.4*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ	0.5 U
Trichloroethene	5	0.5 U	1.6	0.5 U	0.5 U	0.26 J	2.5 U
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
Vinyl acetate	-	1.8 J	1.6 J	5 U	5 U	5 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	2.5 U
Xylenes, Total	5	7.9	7.2	1.2 J	2.5 U	2.5 U	2.5 U
Total VOCs	-	279	424	118	0	0	0

Notes:
concentrations in ug/l
1) - Blind duplicate of MW-3.
* applies to the sum of cis- and trans-1,3-dichloropropene
6/12/2017: pre-injection round of groundwater sampling
6/23/2017: post-injection round 1 of groundwater sampling (1 week post injections)

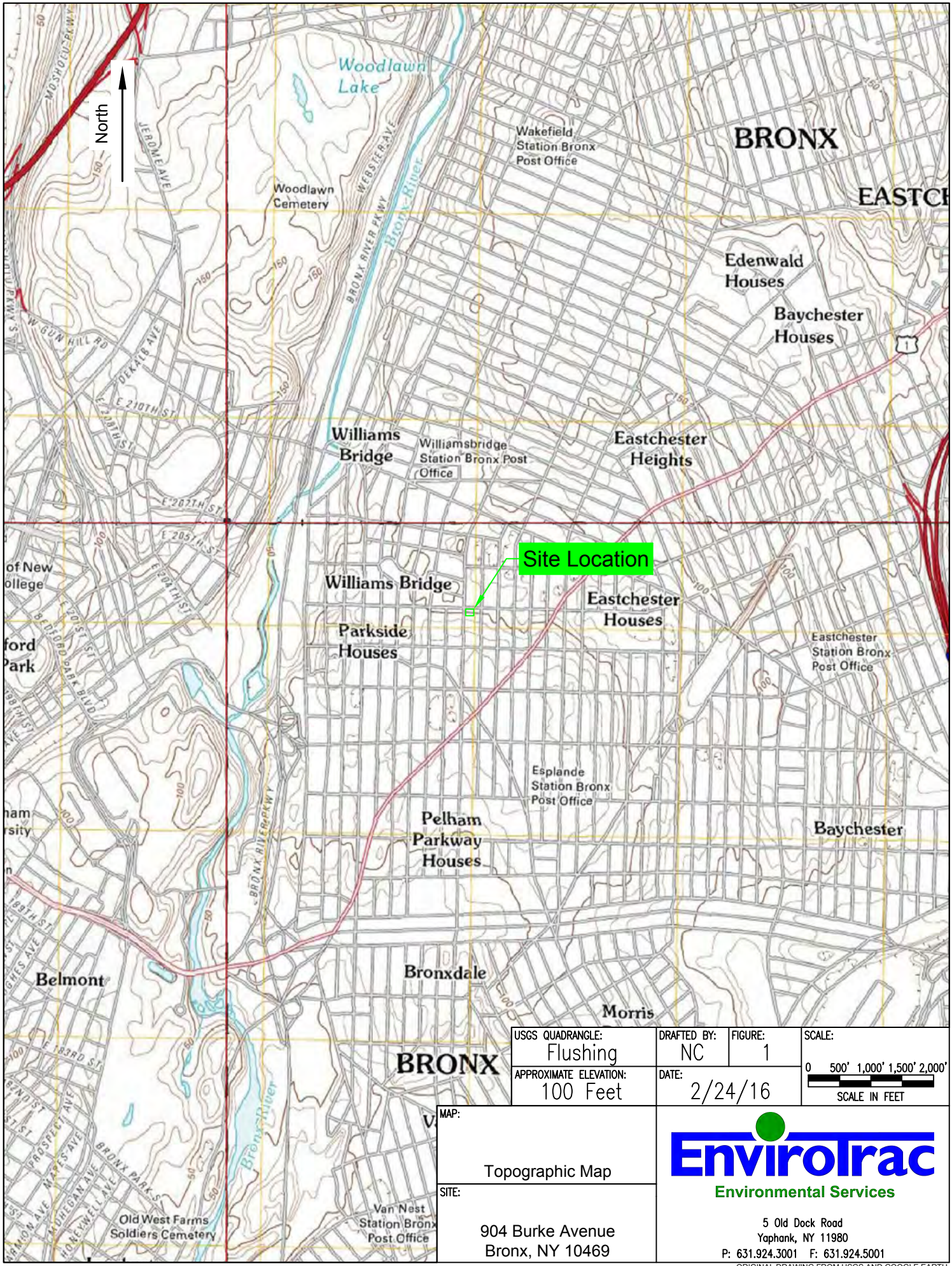
Table 8: Soil Vapor Sampling Results
904 Burke Avenue, Bronx, New York
BCP Site #C203032

Analytical Parameter	SG-9-42641 9/29/2016	SG-9-20170808 8/8/2017	SG-29-20170808[(1)] 8/8/2017	SG-10-42641 9/29/2016	SG-11-42641 9/29/2016	SG-11-20170808 8/8/2017	SG-12-42641 9/29/2016	SG-13-42641 9/29/2016	Outside Ambient-42641 9/29/2016	SG-14-42641[(2)] 9/29/2016
1,1,1-Trichloroethane	5.46 U	2.18 U	2.18 U	2.73 U	90 U	163 U	418 U	88.9 U	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane	6.87 U	2.75 U	2.75 U	3.43 U	113 U	205 U	527 U	112 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	7.66 U	3.07 U	3.07 U	3.83 U	126 U	228 U	588 U	125 U	1.53 U	1.53 U
1,1,2-Trichloroethane	5.46 U	2.18 U	2.18 U	2.73 U	90 U	163 U	726	88.9 U	1.09 U	1.09 U
1,1-Dichloroethane	4.05 U	1.62 U	1.62 U	2.02 U	66.8 U	121 U	310 U	66 U	0.809 U	0.809 U
1,1-Dichloroethene	3.96 U	1.59 U	1.59 U	1.98 U	65.4 U	118 U	304 U	64.6 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	7.42 U	2.97 U	2.97 U	3.71 U	122 U	221 U	569 U	121 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	6.54	1.97 U	1.97 U	5.6	81.1 U	147 U	377 U	885	1.26	0.983 U
1,2-Dibromoethane	7.69 U	3.07 U	3.07 U	3.84 U	127 U	229 U	589 U	125 U	1.54 U	1.54 U
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	6.99 U	2.8 U	2.8 U	3.49 U	115 U	208 U	536 U	114 U	1.4 U	1.4 U
1,2-Dichlorobenzene	6.01 U	2.4 U	2.4 U	3.01 U	99.2 U	179 U	461 U	98 U	1.2 U	1.2 U
1,2-Dichloroethane	4.05 U	1.62 U	1.62 U	2.02 U	66.8 U	121 U	310 U	66 U	0.809 U	0.809 U
1,2-Dichloropropane	4.62 U	1.85 U	1.85 U	2.31 U	76.3 U	138 U	354 U	75.3 U	0.924 U	0.924 U
1,3,5-Trimethylbenzene	4.92 U	1.97 U	1.97 U	2.46 U	81.1 U	147 U	377 U	245	0.983 U	0.983 U
1,3-Butadiene	2.21 U	0.885 U	0.885 U	1.11 U	36.5 U	65.9 U	170 U	36.1 U	0.442 U	0.442 U
1,3-Dichlorobenzene	6.01 U	8.78	7.76	3.01 U	99.2 U	179 U	461 U	98 U	1.2 U	1.2 U
1,4-Dichlorobenzene	26.3	2.4 U	2.4 U	26.5	99.2 U	179 U	461 U	98 U	1.28	1.2 U
1,4-Dioxane	3.6 U	1.44 U	1.44 U	1.8 U	59.5 U	107 U	276 U	58.7 U	0.721 U	0.721 U
2,2,4-Trimethylpentane	321	148	135	7.99	106,000	74,700	2,600,000	88,300	2.38	1.4
2-Butanone	98.5	98.8	97.3	77.6	122 U	219 U	566 U	120 U	1.47 U	1.47 U
2-Hexanone	14.5	2.79	2.24	19.7	67.6 U	122 U	314 U	66.8 U	0.82 U	0.82 U
3-Chloropropene	3.13 U	1.25 U	1.25 U	1.57 U	51.6 U	93.3 U	240 U	51 U	0.626 U	0.626 U
4-Ethyltoluene	4.92 U	1.97 U	1.97 U	2.46 U	81.1 U	147 U	377 U	243	0.983 U	0.983 U
4-Methyl-2-Pentanone	10.2 U	4.1 U	4.1 U	5.12 U	169 U	305 U	3,690	167 U	2.05 U	2.05 U
Acetone	2520	2240	2160	1,380	12,400	354 U	174,000	194 U	11.4	9.1
Benzene	3.26	11.4	11.8	2.8	52.7 U	95.2 U	245 U	235	1.73	0.939
Benzyl Chloride	5.18 U	2.07 U	2.07 U	2.59 U	85.4 U	154 U	397 U	84.4 U	1.04 U	1.04 U
Bromodichloromethane	6.7 U	2.68 U	2.68 U	3.35 U	111 U	200 U	514 U	109 U	1.34 U	1.34 U
Bromoform	10.3 U	4.14 U	4.14 U	5.17 U	171 U	308 U	793 U	169 U	2.07 U	2.07 U
Bromomethane	3.88 U	1.55 U	1.55 U	1.94 U	64.1 U	116 U	298 U	63.3 U	0.777 U	0.777 U
Carbon Disulfide	15.9	13.2	12.5	2.27	51.4 U	92.8 U	239 U	91.2	0.623 U	0.623 U
Carbon Tetrachloride	6.29 U	2.52 U	2.52 U	3.15 U	104 U	187 U	482 U	103 U	1.26 U	1.26 U
Chlorobenzene	4.61 U	1.84 U	1.84 U	2.3 U	76 U	137 U	353 U	75.1 U	0.921 U	0.921 U
Chloroethane	2.64 U	1.06 U	1.06 U	1.32 U	43.5 U	78.6 U	202 U	43 U	0.528 U	0.528 U
Chloroform	4.88 U	17.3	16.4	2.44 U	80.6 U	146 U	375 U	79.6 U	0.977 U	1.52
Chloromethane	2.07 U	1.92	2.31	1.03 U	34.1 U	61.5 U	158 U	33.7 U	1.32	1.13
Cis-1,2-Dichloroethene	3.96 U	1.59 U	1.59 U	1.98 U	65.4 U	118 U	304 U	64.6 U	0.793 U	0.793 U
Cis-1,3-Dichloropropene	4.54 U	1.82 U	1.82 U	2.27 U	74.9 U	135 U	348 U	74 U	0.908 U	0.908 U
Cyclohexane	3.44 U	1.67	1.38 U	2.93	209	103 U	264 U	1860	7.16	3.16
Dibromochloromethane	8.52 U	3.41 U	3.41 U	4.26 U	141 U	254 U	653 U	139 U	1.7 U	1.7 U
Dichlorodifluoromethane	4.94 U	1.98 U	1.98 U	2.47 U	81.6 U	147 U	379 U	80.6 U	2.12	2.53
Ethyl Acetate	9.01 U	3.6 U	3.6 U	4.5 U	149 U	268 U	692 U	147 U	1.8 U	1.8 U
Ethyl Alcohol	47.1 U	90.8	90.1	23.6 U	778 U	1400 U	3620 U	769 U	9.42 U	9.42 U
Ethylbenzene	13.8	2.81	2.08	6.43	71.7 U	129 U	333 U	70.8 U	0.899	0.869 U
Heptane	7.17	7.38	5.74	8.2	76.2	122 U	314 U	2990	1.39	0.955
Hexachlorobutadiene	10.7 U	4.27 U	4.27 U	5.33 U	176 U	318 U	818 U	174 U	2.13 U	2.13 U
Iso-Propyl Alcohol	6.15 U	18.5	21.4	3.07 U	102 U	183 U	472 U	100 U	1.5	1.44
Methyl Tert Butyl Ether	3.61 U	1.44 U	1.44 U	1.8 U	59.5 U	107 U	277 U	58.8 U	0.721 U	0.721 U
Methylene Chloride	8.69 U	3.47 U	3.47 U	4.34 U	143 U	258 U	667 U	142 U	1.74 U	1.74 U
N-Hexane	4.65	10.1	9.16	5.85	659	170	670	10,600	1.33	0.8
O-Xylene	12.9	3.07	1.89	7.51	71.7 U	129 U	333 U	433	1.16	0.869 U
P/M-Xylene	35.8	9.08	5.86	22.7	143 U	258 U	665 U	517	2.91	1.74 U
Styrene	4.26 U	1.7 U	1.7 U	2.13 U	70.3 U	127 U	327 U	69.4 U	0.852 U	0.852 U
Tert-Butyl Alcohol	16.9	103	110	18.5	125 U	226 U	582 U	124 U	1.52 U	1.52 U
Tetrachloroethene	6.78 U	2.71 U	2.71 U	80	112 U	202 U	520 U	111 U	1.36 U	2.34
Tetrahydrofuran	7.37 U	8.35	7.14	6.99	122 U	219 U	566 U	120 U	1.47 U	1.47 U
Toluene	21.8	36.1	24.5	27.8	62.2 U	112 U	289 U	66.7	5.31	3.14
Trans-1,2-Dichloroethene	3.96 U	1.59 U	1.59 U	1.98 U	65.4 U	118 U	304 U	64.6 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	4.54 U	1.82 U	1.82 U	2.27 U	74.9 U	135 U	348 U	74 U	0.908 U	0.908 U
Trichloroethene	5.37 U	2.15 U	2.15 U	2.69 U	88.7 U	160 U	412 U	87.6 U	1.07 U	1.07 U
Trichlorofluoromethane	5.62 U	2.25 U	2.25 U	2.81 U	92.7 U	167 U	431 U	91.6 U	1.69	1.5
Vinyl Bromide	4.37 U	1.75 U	1.75 U	2.19 U	72.1 U	130 U	335 U	71.3 U	0.874 U	0.874 U
Vinyl Chloride	2.56 U	1.02 U	1.02 U	1.28 U	42.2 U	76.2 U	196 U	49.3	0.511 U	0.511 U
Total VOCs	3,119	2,833	2,723	1,709	119,344	74,870	2,779,086	106,515	45	30
Tracer Gas										
Helium	0.205 U	0.197 U	0.163 U	0.199 U	0.165 U	0.186 U	0.191 U	0.337	N/A	N/A

Notes:

With the exception of helium, all results in micrograms per cubic meter of air (ug/m^3). Helium results are expressed in percent.
(1): duplicate of SG-9.
(2): duplicate of Outside Ambient-42641.
N/A: Not applicable
U qualifier: Non-detected (concentration is below the laboratory reporting limit)
J qualifier: Estimated value.

FIGURES



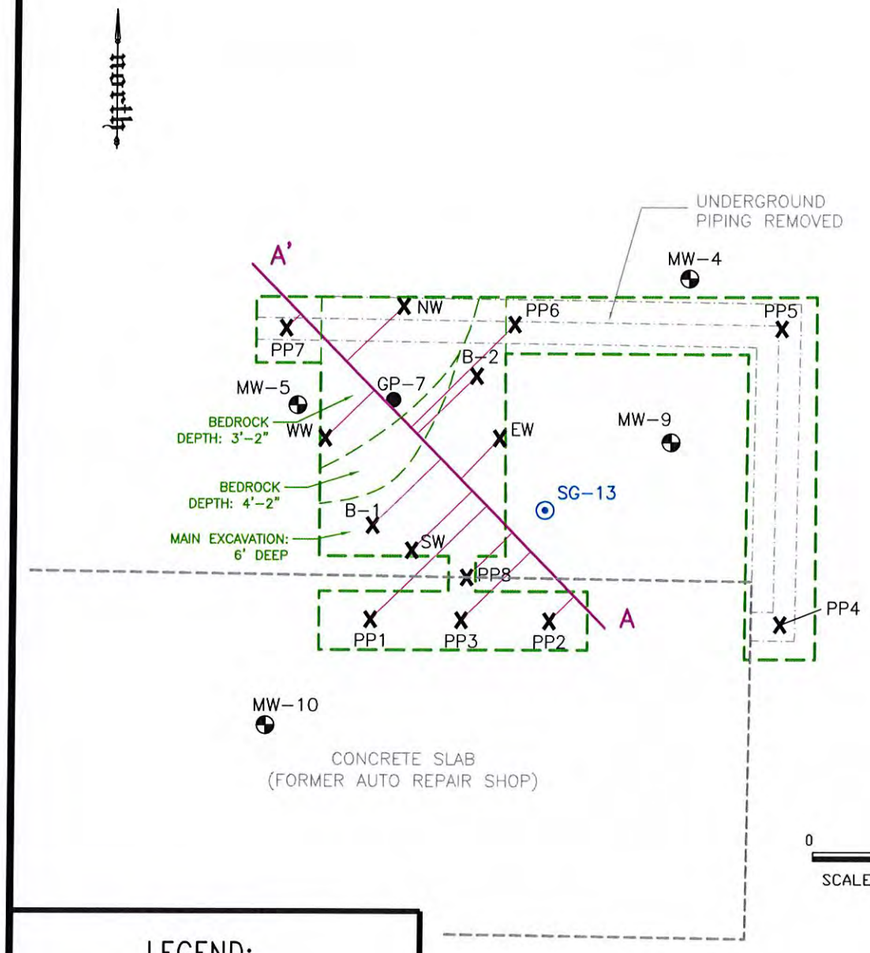
USGS QUADRANGLE:	DRAFTED BY:	FIGURE:	SCALE:
Flushing	NC	1	0 500' 1,000' 1,500' 2,000' SCALE IN FEET
APPROXIMATE ELEVATION: 100 Feet	DATE: 2/24/16		

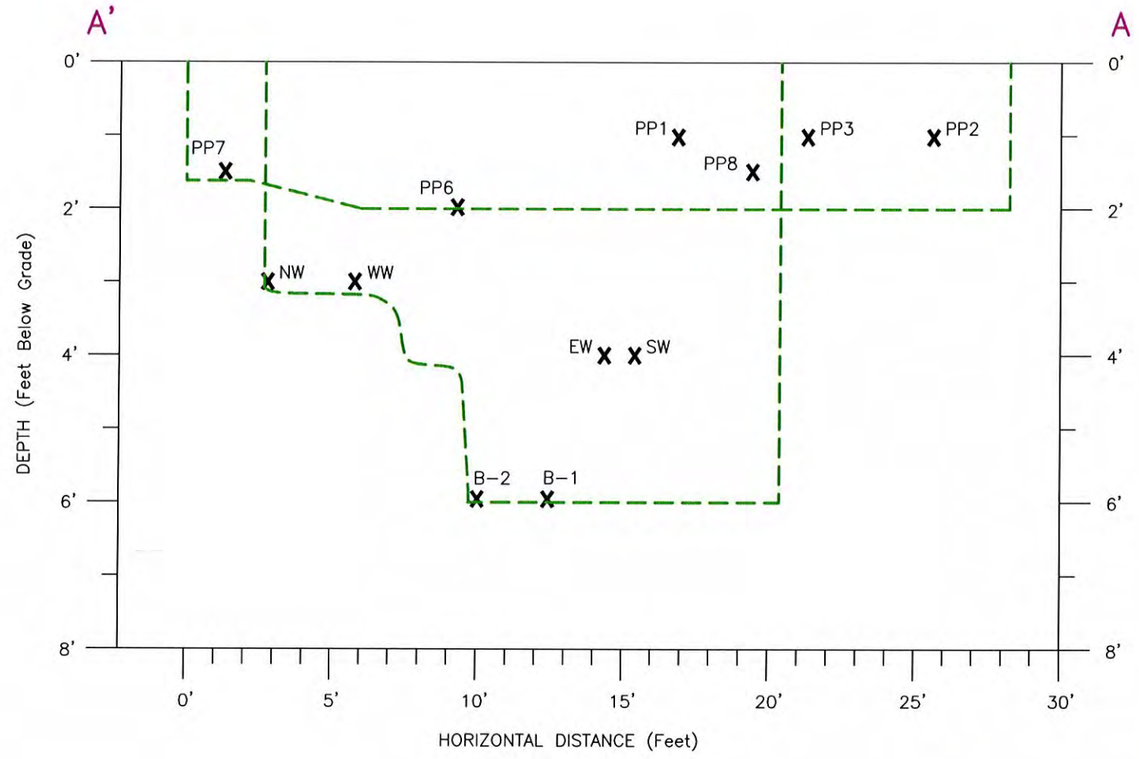
MAP: Topographic Map

SITE: 904 Burke Avenue Bronx, NY 10469

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631.924.3001 F: 631.924.5001

ORIGINAL DRAWING FROM USGS AND GOOGLE EARTH.





LEGEND:

- MONITORING WELL
- SOIL BORING
- SOIL GAS MONITORING POINT
- SOIL SAMPLE
- EXCAVATION AREA (JUNE, 27–28, 2017)

STATE OF NEW YORK
DALE C. KONAS
No. 081035
LICENSED PROFESSIONAL ENGINEER

12/13/17

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

SCALE: AS SHOWN

DATE: 11/15/2017

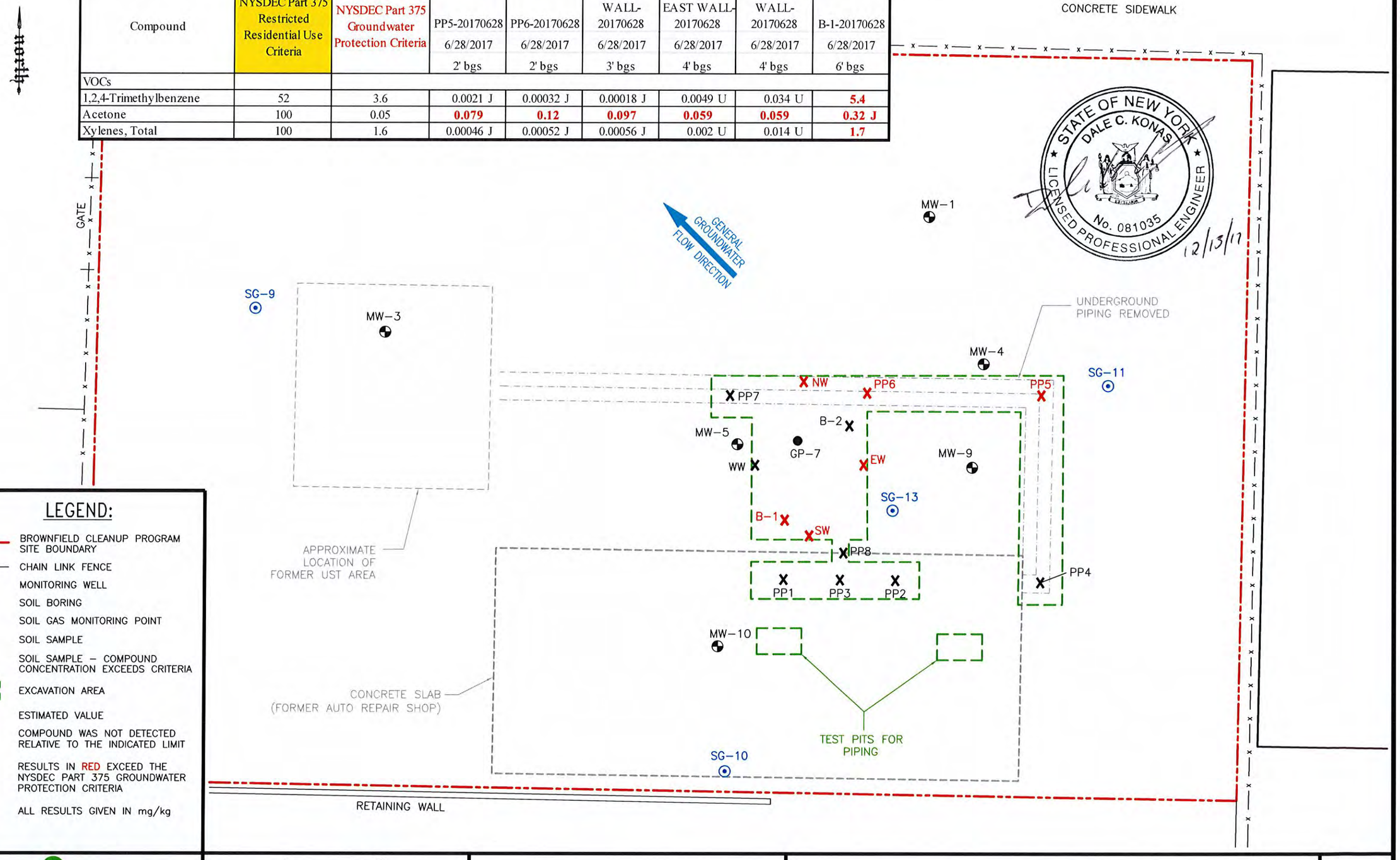
REVISED BY: BS

904 BURKE AVENUE
BRONX, NEW YORK

EXCAVATION CROSS SECTION

FIGURE # 2

Compound	NYSDEC Part 375 Restricted Residential Use Criteria	NYSDEC Part 375 Groundwater Protection Criteria	PP5-20170628 6/28/2017 2' bgs	PP6-20170628 6/28/2017 2' bgs	NORTH WALL-20170628 6/28/2017 3' bgs	EAST WALL-20170628 6/28/2017 4' bgs	SOUTH WALL-20170628 6/28/2017 4' bgs	B-1-20170628 6/28/2017 6' bgs
VOCs								
1,2,4-Trimethylbenzene	52	3.6	0.0021 J	0.00032 J	0.00018 J	0.0049 U	0.034 U	**5.4**
Acetone	100	0.05	**0.079**	**0.12**	**0.097**	**0.059**	**0.059**	**0.32 J**
Xylenes, Total	100	1.6	0.00046 J	0.00052 J	0.00056 J	0.002 U	0.014 U	**1.7**



LEGEND:

- BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
- CHAIN LINK FENCE
- MONITORING WELL
- SOIL BORING
- SOIL GAS MONITORING POINT
- SOIL SAMPLE
- SOIL SAMPLE – COMPOUND CONCENTRATION EXCEEDS CRITERIA
- EXCAVATION AREA
- J ESTIMATED VALUE
- U COMPOUND WAS NOT DETECTED RELATIVE TO THE INDICATED LIMIT

RESULTS IN RED EXCEED THE NYSDEC PART 375 GROUNDWATER PROTECTION CRITERIA

ALL RESULTS GIVEN IN mg/kg

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 10
SCALE IN FEET

DATE: 8/9/2017

REVISED BY: BS

904 BURKE AVENUE
BRONX, NEW YORK

SUMMARY OF SOIL RESULTS EXCEEDING REGULATORY CRITERIA

FIGURE # 3

north

WELL ID: MW-7A DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	66
1,2,4–TRIMETHYLBENZENE	5	59
1,3,5–TRIMETHYLBENZENE	5	28
ETHYLBENZENE	5	120
ISOPROPYLBENZENE	5	35
n–BUTYLBENZENE	5	17 J
n–PROPYLBENZENE	5	100
NAPHTHALENE	10	63
sec–BUTYLBENZENE	5	12 J
TOTAL XYLENES	5	83

WELL ID: MW-2 DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	20
1,2,4–TRIMETHYLBENZENE	5	200
1,3,5–TRIMETHYLBENZENE	5	50
ETHYLBENZENE	5	280
ISOPROPYLBENZENE	5	6.3 J
n–PROPYLBENZENE	5	15
NAPHTHALENE	10	87
TOTAL XYLENES	5	850

WELL ID: MW-13 DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	30
ETHYLBENZENE	5	13
ISOPROPYLBENZENE	5	10
n–PROPYLBENZENE	5	23
NAPHTHALENE	10	19

WELL ID: MW-3 DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	5.9
METHYL TERT BUTYL ETHER	10	16

WELL ID: MW-4 DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	6.4
BENZENE	1	11
METHYL TERT BUTYL ETHER	10	14

WELL ID: MW-5 DATE SAMPLED: 8/8/2017 COMPOUND	NY AWQS	RESULT
1,2,4,5–TETRAMETHYLBENZENE	5	22
1,2,4–TRIMETHYLBENZENE	5	470
1,3,5–TRIMETHYLBENZENE	5	48
BENZENE	1	640
ETHYLBENZENE	5	600
ISOPROPYLBENZENE	5	21 J
n–PROPYLBENZENE	5	46
NAPHTHALENE	10	190
TOLUENE	5	28
TOTAL XYLENES	5	590

BURKE AVENUE

BRONXWOOD AVENUE

RADCLIFF AVENUE

INSTALL SITE–WIDE COVER/CAP

AREA OF INCREASED SULFATE CONCENTRATIONS DUE TO REAGENT INJECTIONS

MW–7A

GRASS/SOIL

MW–2

CONCRETE SIDEWALK

GATE

MW–13

MW–1

MW–3

MW–4

UNDERGROUND PIPING REMOVED

MW–5

MW–9

APPROXIMATE LOCATION OF FORMER UST AREA

MW–10

RETAINING WALL

CONCRETE SLAB (FORMER AUTO REPAIR SHOP)

GATE

STATE OF NEW YORK
DALE C. KONAS
No. 081035
LICENSED PROFESSIONAL ENGINEER
12/15/17

LEGEND:

- BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
- —x— CHAIN LINK FENCE
- MONITORING WELL
- J ESTIMATED VALUE

NOTES:

ONLY CONCENTRATIONS WHICH EXCEED THE NY AWQS ARE SHOWN.

CONCENTRATIONS ARE IN µg/L.

MW–1 AND MW–10 HAD NO VOC EXCEEDANCES.

MW–9 WAS NOT SAMPLED DUE TO THE PRESENCE OF LIGHT NON–AQUEOUS PHASE LIQUID (LNAPL).

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

0 20
SCALE IN FEET

DATE: 9/11/2017

REVISED BY: BS

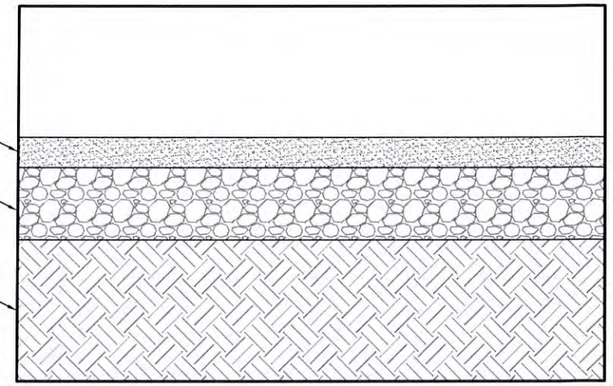
904 BURKE AVENUE
BRONX, NEW YORK

SUMMARY OF GROUNDWATER RESULTS EXCEEDING REGULATORY CRITERIA

FIGURE # 4

north

BURKE AVENUE



STATE OF NEW YORK
DALE C. KONAS
LICENSED PROFESSIONAL ENGINEER
No. 081035
12/15/17

BRONXWOOD AVENUE

RADCLIFF AVENUE

MW–7A
GRASS/SOIL
CONCRETE SIDEWALK
MW–2
GATE
MW–13
MW–1
MW–3
MW–4
MW–5
MW–9
MW–10
GATE
RETAINING WALL
CONCRETE SLAB (FORMER AUTO REPAIR SHOP)
GATE

LEGEND:

- BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
- — x — CHAIN LINK FENCE
- MONITORING WELL
- EXTENT OF ASPHALT CAP

1 RCA AND GRAVEL SUB–BASE COURSE APPLIED IN AREAS OF FILL MATERIAL OR OTHER PREVIOUSLY UNCOVERED SOIL. IN AREAS PREVIOUSLY PAVED (ASPHALT PAVING OR CONCRETE SLAB–ON–GRADE), RCA AND GRAVEL SUB–BASE WAS NOT REQUIRED BUT MAY HAVE BEEN APPLIED FOR GRADING PURPOSES AT A REDUCED THICKNESS.

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924–3001 FAX: (631)924–5001

0 20
SCALE IN FEET

DATE: 10/20/2017

REVISED BY: BS

904 BURKE AVENUE
BRONX, NEW YORK

AS–BUILT:
ENGINEERING COVER SYSTEM LAYOUT

FIGURE #
5

north

BURKE AVENUE

GENERAL GROUNDWATER FLOW DIRECTION

INSTALL SITE-WIDE COVER/CAP

APPROXIMATE EXTENT OF GROUNDWATER PLUME

MW-7A

GRASS/SOIL

CONCRETE SIDEWALK

MW-2

GATE

MW-13

IP-8 IP-9 IP-10 IP-11

SG-12

SITE PERIMETER ISCO TREATMENT AREA

MW-1

UNDERGROUND PIPING REMOVED

SG-9

MW-3

IP-6

IP-5

MW-4

SG-11

"SOURCE ZONE" ISCO TREATMENT AREA

MW-5

GP-7

MW-9

IP-7

SG-13

LNAPL REMOVAL

IP-4

IP-3

IP-2

IP-1

APPROXIMATE LOCATION OF FORMER UST AREA

MW-10

SG-10

RETAINING WALL

CONCRETE SLAB (FORMER AUTO REPAIR SHOP)

GATE

BRONXWOOD AVENUE

RADCLIFF AVENUE

STATE OF NEW YORK
DALE C. KONAS
LICENSED PROFESSIONAL ENGINEER
No. 081035

12/15/17

LEGEND:

- BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
- CHAIN LINK FENCE
- MONITORING WELL
- SOIL BORING
- SOIL GAS MONITORING POINT
- ISCO INJECTION

IP-1 THRU IP-7 ADVANCED ON 6/15/2017

IP-8 THRU IP-11 ADVANCED ON 6/16/2017

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 20
SCALE IN FEET

DATE: 8/8/2017

REVISED BY: BS

904 BURKE AVENUE
BRONX, NEW YORK

ISCO INJECTION POINT LOCATION MAP

FIGURE # 6

APPENDICES

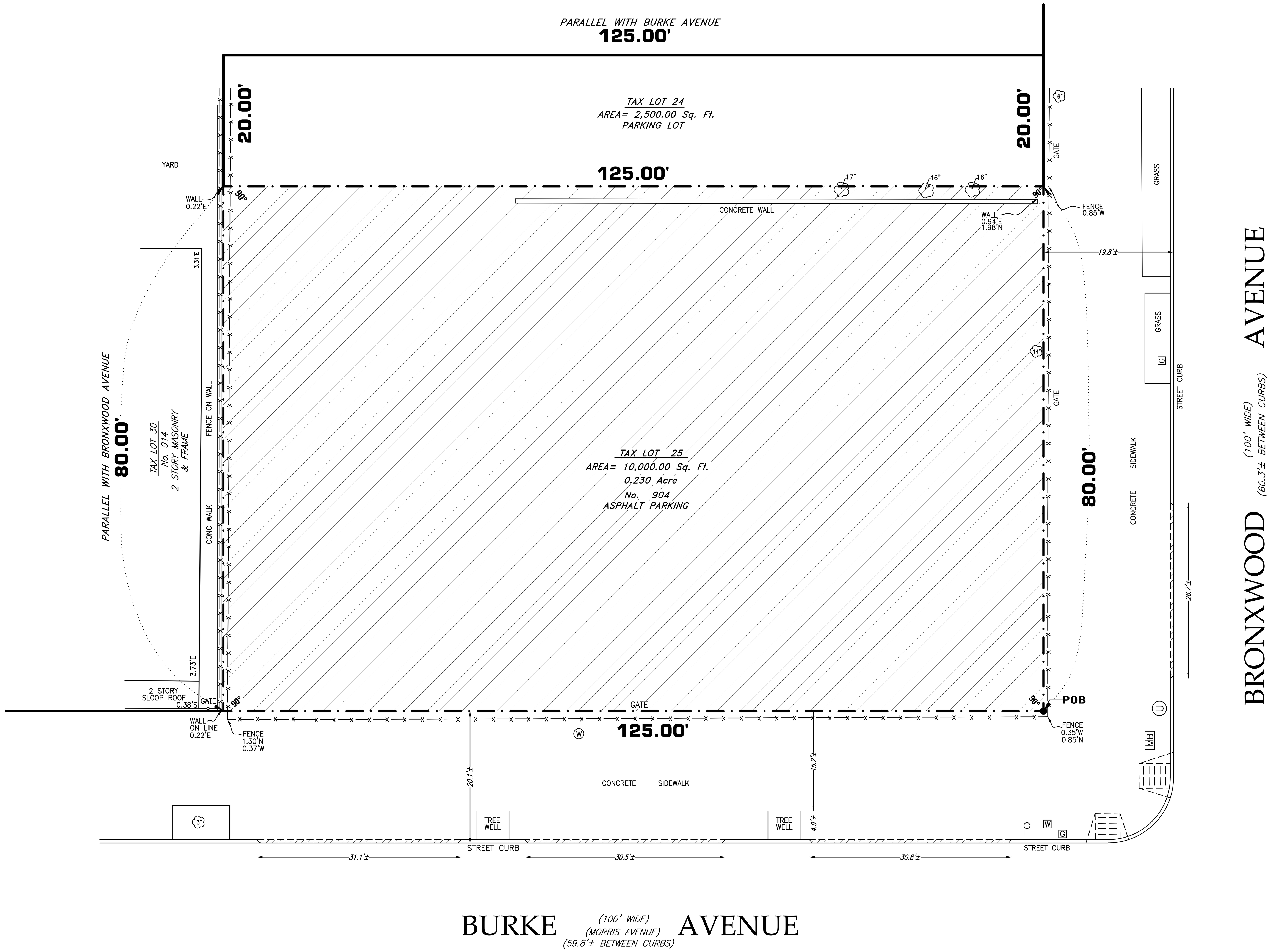
EnviroTrac
Environmental Services

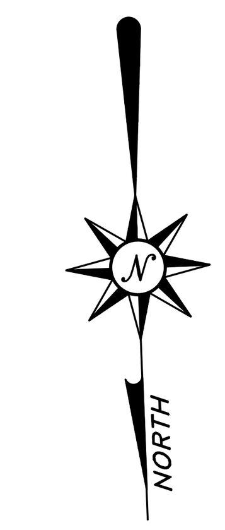
APPENDIX A

Survey Map, Metes and Bounds

EnviroTrac
Environmental Services

SCALE 1" = 10'





LEGEND

- CONC — CONCRETE
- WATER MANHOLE
- UTILITY POLE
- WATER VALVE
- GAS VALVE
- MAIL BOX
- STREET SIGN
- CURB CUT
- PEDESTRIAN RAMP
- TREE & SIZE
- IRON FENCE
- CHAIN LINK FENCE
- PROPERTY LINE
- BCA SITE BOUNDARY

– ENVIRONMENTAL EASEMENT

ENVIRONMENTAL EASEMENT
DESCRIPTION/BCP INDEX No. C203032

SCHEDULE A DESCRIPTION

ALL that certain plot, piece or parcel of land situate, lying and being in the Borough of Bronx, County of Bronx, City and State of New York, consisting of 0.230 acres, bounded and described as follows:

BEGINNING at a point formed by the intersection of the easterly side of Bronxwood Avenue and the southerly side of Burke Avenue;

RUNNING THENCE easterly along the southerly side of Burke Avenue a distance of 125.00 feet to a point;

THENCE southerly parallel with the easterly side of Bronxwood Avenue a distance of 80.00 feet to a point;

THENCE westerly parallel with the southerly side of Burke Avenue a distance of 125.00 feet to a point;

THENCE northerly along the easterly side of Bronxwood Avenue a distance of 80.00 feet to the point and place of **BEGINNING.**

Said premises being more commonly known as 904 Burke Avenue, Bronx, New York

NOTES:

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV

Tax Section: 16
Tax Block: 4574
Tax Lot: 25

PROPERTY SITUATED AT
904 Burke Avenue
Borough & County of Bronx
City & State of New York

TE1925

Ramzan Alli License No. 050457

DATE	DESCRIPTION
May 24, 2017	ENVIRONMENTAL EASEMENT PLAN

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209, OF THE NEW YORK STATE EDUCATIONAL LAW. COPIES OF THIS SURVEY NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

NY Land Surveyor P.C.
Records of: Earl B. Lovell - S.P. Belcher Inc.
77-15 164 Street, Fresh Meadows, NY 11366
Tel: 718-591-6600 Tel: 212-732-1575
nylandsurveyor@gmail.com Fax: 631-930-3292
www.nylandsurveyor.com

APPENDIX B

Digital Copy of the FER (CD)

EnviroTrac
Environmental Services

APPENDIX C

Remediation Related Permits

MEMORY TRANSMISSION REPORT

TIME	:03-21-2017 12:12
FAX NO.1	:6319245001
NAME	:EnviroTrac

FILE NO.	: 923
DATE	: 03.21 12:11
TO	: ☎ 12126373953
OOCUMENT PAGES	: 2
START TIME	: 03.21 12:11
END TIME	: 03.21 12:12
PAGES SENT	: 2
STATUS	: OK

SUCCESSFUL TX NOTICE

Type or print all information. See reverse for instructions. OMB No. 2040-0042 Approval Expires 12/31/2018

INVENTORY OF INJECTION WELLS

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF GROUND WATER AND DRINKING WATER
(This information is collected under the authority of the Safe Drinking Water Act)

1. DATE PREPARED (Year, Month, Day): 17-03-21
2. FACILITY ID NUMBER: NYSC203032

PAPERWORK REDUCTION ACT NOTICE
The public reporting burden for this collection of information is estimated at about 0.5 hour per response including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Director, Collection Strategies Division (2822), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460; and to the Office of Management and Budget Paperwork Reduction Project, Washington, DC 20503.

3. TRANSACTION TYPE (Please mark one of the following)
[ ] Deletion [✓] First Time Entry
[ ] Entry Change [ ] Replacement

A. NAME (last, first, and middle initial): 904 Burke Avenue, LLC
B. STREET ADDRESS/ROUTE NUMBER: 904 Burke Avenue
C. LATITUDE: DEG 40 MIN 52 SEC 15 .891N
D. LONGITUDE: DEG -73 MIN 51 SEC 39 .564W
E. TOWNSHIP/RANGE: TOWNSHIP | RANGE | SECT | 1/4 SECT
F. CITY/TOWN: Bronx
G. STATE: NY
H. ZIP CODE: 10469
I. NUMERIC COUNTY CODE: 005
J. INDIAN LAND (mark "x"): [ ] Yes [X] No

A. TYPE (mark "x"): [X] Owner [ ] Operator
B. NAME (last, first, and middle initial): Bruce Bendell
C. PHONE (area code and number): (718) 288-5600
D. ORGANIZATION: 904 Burke Avenue, LLC
E. STREET/P.O. BOX: 3333 Boston Road
F. CITY/TOWN: Bronx
G. STATE: NY
H. ZIP CODE: 10469
I. OWNERSHIP (mark "x"): [X] PRIVATE [ ] PUBLIC [ ] SPECIFY OTHER [ ] STATE [ ] FEDERAL

A. CLASS AND TYPE		B. NUMBER OF WELLS		C. TOTAL NUMBER OF WELLS	D. WELL OPERATION STATUS				
IV	5G	11		11	11				
				0					
				0					
				0					
				0					
				0					
				0					

COMMENTS (Optional):
Groundwater cleanup is being conducted with oversight of the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program.

See Attached Scope of Work Description

KEY:
DEG = Degree
MIN = Minute
SEC = Second
SECT = Section
1/4 SECT = Quarter Section
COMM = Commercial
NON-COMM = Non-Commercial
AC = Active
UC = Under Construction
TA = Temporarily Abandoned
PA = Permanently Abandoned and Approved by State
AN = Permanently Abandoned and not Approved by State

EPA Form 7520-16 (Rev. 12-11)

Type or print all information. See reverse for instructions. OMB No. 2040-0042 Approval Expires 12/31/2018

INVENTORY OF INJECTION WELLS

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF GROUND WATER AND DRINKING WATER

(This information is collected under the authority of the Safe Drinking Water Act)

1. DATE PREPARED *(Year, Month, Day)*: 17-03-21

2. FACILITY ID NUMBER: NYSC203032

PAPERWORK REDUCTION ACT NOTICE

The public reporting burden for this collection of information is estimated at about 0.5 hour per response including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, includingsuggestions for reducing this burden, Director, Collection Strategies Division (2822), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, and to the Office of Management and Budget, Paperwork Reduction Project, Washington, DC20503.

3. TRANSACTION TYPE *(Please mark one of the following)*

- [ ] Deletion
- [x] First Time Entry
- [ ] Entry Change
- [ ] Replacement

4. FACILITY NAME AND LOCATION

A. NAME *(last, first, and middle initial)*: 904 Burke Avenue, LLC

B. STREET ADDRESS/ROUTE NUMBER: 904 Burke Avenue

C. LATITUDE

DEG	MIN	SEC
40	52	15.891N

D. LONGITUDE

DEG	MIN	SEC
-73	51	39.564W

E. TOWNSHIP/RANGE

TOWNSHIP	RANGE	SECT	1/4 SECT

F. CITY/TOWN: Bronx

G. STATE: NY

H. ZIP CODE: 10469

I. NUMERIC COUNTY CODE: 005

J. INDIAN LAND *(mark "x")*: [ ] Yes [x] No

5. LEGAL CONTACT

A. TYPE *(mark "x")*: [x] Owner [ ] Operator

B. NAME *(last, first, and middle initial)*: Bruce Bendell

C. PHONE *(area code and number)*: (718) 288-5600

D. ORGANIZATION: 904 Burke Avenue, LLC

E. STREET/P.O. BOX: 3333 Boston Road

F. CITY/TOWN: Bronx

G. STATE: NY

H. ZIP CODE: 10469

I. OWNERSHIP *(mark "x")*

- [x] PRIVATE
- [ ] PUBLIC
- [ ] SPECIFY OTHER
- [ ] STATE
- [ ] FEDERAL

6. WELL INFORMATION

A. CLASS AND TYPE		B. NUMBER OF WELLS COMM	B. NUMBER OF WELLS NON-COMM	C. TOTAL NUMBER OF WELLS	D. WELL OPERATION STATUS UC	AC	TA	PA	AN
V	G	11		11	11				
				0					
				0					
				0					
				0					
				0					
				0					

COMMENTS *(Optional)*:

Groundwater cleanup is being conducted with oversight of the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program.

See Attached Scope of Work Description

KEY:

DEG = Degree
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NON-COMM = Non-Commercial

AC = Active
UC = Under Construction
TA = Temporarily Abandoned
PA = Permanently Abandoned and Approved by State
AN = Permanently Abandoned and not Approved by State

In November 2005, 904 Burke Avenue LLC (Site) located at 904 Burke Avenue, Bronx, New York entered into a Brownfield Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) and was assigned Brownfield Cooperative Agreement (BCA) Site #C203032. In accordance with BCP requirements a Remedial Action Work Plan has been developed, approved by the NYSDEC and is being conducted as described in DEC Program Policy *DER-10 – Technical Guidance for Site Investigation and Remediation*.

Based on results of previous testing conducted at the Site it has been determined that groundwater beneath the Site contains petroleum-related chemicals associated with the historic uses of the Site as a gasoline station and automobile facilities. A Remedial Action Work Plan (RAWP) dated February 7, 2017 provides procedures to treat impacted groundwater utilizing in situ chemical Oxidation (ISCO) technology through the injection of approximately 2,200 pounds of Carus Corporation's Oxygen BioChem (OBC)™ Reagent into the subsurface beneath the Site. OBC is a mixture of sodium persulfate and calcium peroxide.

Eleven (11) injections of OBC, each extending to 6-10 feet beneath the ground surface within a combined total area of approximately 5,000 square feet, will be conducted using the direct push method. Following the injections, groundwater monitoring at the Site will be conducted at one week and five weeks and soil vapor sampling will be conducted at five weeks to assess performance. At the conclusion of the performance assessment activities, a report will be provided to the NYSDEC that will include results of the testing, conclusions and recommendations as warranted.

NYSDEC Case Manager: Nigel Crawford, P.E.
NYSDEC Region 2
47-40 21st Street
Long Island City, New York 11101
(718) 482-7778

EnviroTrac Project Manager: Peter C. Breen, CPG
5 Old Dock Road
Yaphank, NY 11980
(631) 924-3001

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

APR 19 2017

RECEIVED
APR 24 2017
By

Bruce Bendell
904 Burke Avenue, LLC
3333 Boston Road
Bronx, NY 10469

Re: Underground Injection Control (UIC) Program Regulation
904 Burke Avenue, LLC **(UICID: 17NY00599029)**
904 Burke Avenue
Bronx, NY 10469
Bronx County
Authorization to Inject

Dear Mr. Bendell:

This letter serves to inform you that the U.S. Environmental Protection Agency is in receipt of inventory information addressing a well authorized by rule located at the above-referenced facility in accordance with 40 Code of Federal Regulations (CFR) §144.26. The operation of the following Underground Injection Control well is authorized by rule, pursuant to 40 CFR §144.24:

In-situ chemical oxidation (ISCO) injection of approximately 2,200 pounds of Carus Corporation's Oxygen BioChem (OBC)™ Reagent into eleven (11) remedial injection wells. The New York State Department of Environmental Conservation's Brownfield Cooperative Agreement (BCA) Site Number is C203032.

Should any conditions change in the operation of the well listed above (such as injectate composition, closure of the well, injection of cooling water greater than 98 degrees Fahrenheit, construction of additional wells, etc.) you are required to notify this office within five (5) days. Any accidental spills into a well should be reported within twenty-four (24) hours after the event. Change in operation information should be addressed to:

Nicole Foley Kraft, Chief
Groundwater Compliance Section
United States Environmental Protection Agency
290 Broadway, 20th Floor
New York, NY 10007-1866
Re: 17NY00599029
Attn: Lisa Kim Pelcyger

Please note, there may be additional state and/or local requirements. Contact the New York State Department of Environmental Conservation and/or your local environmental department to ensure you are in compliance with all applicable requirements.

Should you own or operate **other** facilities using underground injection wells, please use the enclosed inventory form (EPA Form 7520-16) and instructions, copy for multiple facilities, and submit them to the address listed above. The form can also be found on the internet at:
https://www.epa.gov/sites/production/files/2015-10/documents/7520-16_508c.pdf

Failure to respond to this letter truthfully and accurately within the time provided may subject you to sanctions authorized by federal law. Please also note that all information submitted by you may be used in an administrative, civil judicial, or criminal action. In addition, making a knowing submission of materially false information to the U.S. Government may be a criminal offense.

Should you have any questions, please contact Lisa Kim Pelcyger of my staff at (212) 637-4225 or kim.lisa@epa.gov.

Sincerely,

Nicole Foley Kraft, Chief
Groundwater Compliance Section

Enclosure

cc: Case Manager: Nigel Crawford, P.E.
NYSDEC, Region 2
47-40 21st Street
Long Island City, NY 11101

Robert Elburn
NYSDEC, Region 2
47-40 21st Street
Long Island City, NY 11101

Project Manager: Peter C. Breen, CPG
EnviroTrac
5 Old Dock Road
Yaphank, NY 11980

APPENDIX D

CAMP Air Monitoring Data (CD)

EnviroTrac
Environmental Services

APPENDIX E

Daily and Monthly Reports (CD)

EnviroTrac
Environmental Services

Daily Reports Prepared Prior to RAWP Approval

EnviroTrac
Environmental Services

Daily Reports Prepared Post-RAWP Approval

EnviroTrac
Environmental Services

Monthly Reports

EnviroTrac
Environmental Services

APPENDIX F

Project Photo Log

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 1: Vacuum enhanced fluid recovery system for LNAPL recovery at MW-9.

Photograph 2: Installation of MW-13.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 3: Completed MW-13 with drummed derived waste (drill cuttings).

Photograph 4: Groundwater sampling activities.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 5: Geoprobe rod advancement and reagent delivery at IP-9.

Photograph 6: Reagent delivery system set up.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 7: CAMP monitoring station.

Photograph 8: Excavation activities.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 9: Underground piping removal.

Photograph 10: Hot spot excavation activities in the vicinity of GP-7.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 11: Backfilled excavation area and roll-off of excavated soil.

Photograph 12: Soil vapor sampling.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 13: Site preparation for capping with stockpiled sub-base material.

Photograph 14: Sub-base material placement and site grading in preparation for capping.

EnviroTrac
Environmental Services

Project Photographic Documentation

BCP #C203032
904 Burke Avenue
Bronx, New York 10469

Photograph 15: Placement of 3.5 inch asphalt cover system.

Photograph 16: Completed asphalt cover system.

EnviroTrac
Environmental Services

APPENDIX G

Investigation Derived Waste Documentation

EnviroTrac
Environmental Services

Burke piping disposal.-

PAYMENT RECEIPT

Pascap Co, Inc.

4250 Boston Road
Bronx, NY 10475
(718)325-7200 (914)725-3300
FACILITY ID NO. 7003010 SCP
NYC DCA License # 0437184-0764024

Receipt: 1027127 **Date:** 06/28/2017
Customer: 57490 **Time:** 11:08
MICHAEL ALLIEGRO
377 RENNEE DR
BAYPORT, NY 11705

Ticket: 1722849 **Weigh In:** 06/28/2017 10:54
Operator: 9 **Weigh Out:** 06/28/2017 11:05
Description: WHITE PICKUP 6140

Commodity	Gross	Tare	Net	Price	TOTAL $
# 2 Prepared	10360	7580	2780	[redacted] CW	[redacted]

Ticket Total [redacted]

# of Tickets: 1
Paid by EZCash

Total Paid [redacted]

Rounded to nearest $1.00

EnviroTrac
Environmental Services

July 14, 2017

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, New Jersey 07008

RE: Waste Disposal
904 Burke Avenue
Bronx, New York
NYSDEC BCP # C203032

To Whom It May Concern:

This letter serves as a formal request for disposal approval of approximately 48 cubic yards of petroleum contaminated soil which originated from the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site number C203032, 904 Burke Avenue, Bronx, New York as a result of environmental remedial activities. Enclosed please find the Clean Earth Exhibit A Material Profile Sheet and supporting laboratory data.

Please provide written correspondence indicating the receipt of this request and your approval to accept this soil for disposal.

If you should have any questions or require additional information please contact myself, the project Remedial Engineer, at 631-924-3001.

Sincerely,
EnviroTrac Ltd.

Dale Konas, PE

CLEAN

EXHIBIT A
Material Profile Sheet

Global Job # _____

Sales Rep _____

Faster, smarter, greener solutions.

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
T 732-541-8809

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
T 301-791-6220

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
T 570-494-0200

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
T 215-428-1700

☐ Clean Earth of Philadelphia
3201 South 61st Street
Philadelphia, PA 19153
T 215-724-5520

☐ Clean Earth of New Castle
84 Pyles Lane
New Castle, DE 19720
T 302-427-6834

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
T 973-344-4004

A. Waste Generator/Job Site Information

1. Generator Name: 904 Burke Avenue, LLC
2. Generator Address: 3333 Boston Road
3. Generator City/St/Zip: Bronx, NY 10469
4. Generator Phone: 718-881-7900
5. Generator Contact: Peter Contreras.
6. Generator Email: _____
7. Generator County: Bronx

8. Job Site Name: 904 Burke Avenue LLC.
9. Job Site Address: 904 Burke Ave
10. Job Site City/St/Zip: Bronx NY
11. Job Site Phone: _____
12. Job Site Contact: _____
13. Job Site Email: _____
14. Job Site County: Bronx

Billing Information

15. Customer Name: AMEC Environmental
16. Customer Address: 50 Gear St
17. Generator City/St/Zip: Lindenhurst NY
18. Transporter: AMEC Env

19. Customer Phone: 631-586-5900
20. Customer Contact: Tara Boggs
21. Customer Email: _____
22. Customer County: _____

B. Waste Stream Information

1. Name of waste: Non-hazardous contaminated soil
2. State waste code(s) (if applicable): _____
3. Process generating waste (attache separate sheet, if necessary): Environmental Remediation/Excavation at site
4. Is this waste a soil amendment (i.e., bio-solids, paper pulp sludge, lime neutralized industrialized water sludge, water potable treatment plant sludge)? ☐ Yes ☑ No ☐ N/A
5. Estimated quantity of waste: 48 ☐ Tons ☐ Gallons ☑ Cubic Yards 6. Term of project: ☐ Recurring ☑ One Time

C. Waste Composition/Characteristics

1. Source of contamination (i.e., UST, AST, leak, spill, non specific): contaminated material generated associated with environmental remediation at the site.
2. Type of contamination (i.e., diesel, gasoline, waste oil, heating oil, MGP, etc.): petroleum.
3. Contaminants of concern: See Data
4. Provide a site history detailing past and present land uses, on site storage/process information, and any activities related to contaminants of concern (attach a separate sheet if necessary): past use includes auto fueling & repair facility.
5. Composition of waste (clay, rock, sand, moisture, chemical, constituents, contaminants, etc., should equal 100%): Soil, 100 % _____ % _____ % _____ %
6. Is this site a State or Federal Superfund Site? ☐ Yes ☒ No
7. Is laboratory report being supplied with this profile? ☒ Yes ☐ No
   7a. If yes, you will need to attach a sampling plan description and a diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance.
8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40 CFR 191.12 or other applicable regulatory provisions? ☐ Yes ☒ No
9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? ☐ Yes ☒ No
   9a. If yes, list the level: _____
   9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA? ☐ Yes ☒ No ☐ N/A
10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations? ☐ Yes ☒ No

Global Job # _____

Sales Rep _____

C. Waste Composition/Characteristics (continued)

11. The waste represented in this profile is generated as a result of the corrective response taken under the Federal Underground Storage Tank Regulation 40 CFR 280. ☐ Yes ☒ No
12. Is the waste a dioxin bearing waste? ☐ Yes ☒ No
13. Is the waste a treatment residue from a previously listed or characteristic hazardous waste? ☐ Yes ☒ No
14. Is there a nuisance level of odor associated with this waste? ☐ Yes ☒ No
15. Are there any special handling instructions for management of this waste? ☐ Yes ☒ No
16. Have any odor suppressing foams or absorbents been added to the waste? ☐ Yes ☒ No
17. If yes to any of the above questions, please explain (attach an additional sheet if necessary):

_____

_____

D. Generator Certification

1. I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261. ☒ Yes ☐ No
2. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material. ☒ Yes ☐ No
3. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to Clean Earth. ☒ Yes ☐ No
4. I certify that all changes that occur in the characteristics of the waste will be identified by the Generator and disclosed to Clean Earth prior to providing the waste to Clean Earth. ☒ Yes ☐ No ☐ N/A
5. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20 or an equivalent state regulatory provision. ☐ Yes ☐ No ☒ N/A
6. For sites that contain "clean fill," the undersigned certifies that a site investigation was conducted and that the soil was characterized according to the proposed Clean Earth facility(s) acceptance criteria for soil classification as "clean fill" and where applicable in accordance with the Pennsylvania Management of Fill Policy. ☒ Yes ☐ No
7. The undersigned has determined the non-hazardous status of the said waste is in accordance with 40 CFR 262.11. Should, at any time after delivery, the material accepted by Clean Earth be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the designated Clean Earth facility within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all costs for decontamination required by the Clean Earth facility that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent.

*Certification Signature: _____ Date: 7/12/17

Name (type or print): Beardey Company: _____

*If someone other than the Generator is signing this profile or intends to sign any paperwork (which includes, but is not limited to, additional certifications, manifests, etc.) pertaining to this waste profile, authorization from the Generator, on the Generator's letterhead, must be supplied to Clean Earth prior to acceptance of waste material.

E. Clean Earth Waste Approval Decision

1. Treatment Option(s) _____
2. Proposed Treatment Facility(s) _____
3. Supplemental Information (special handling, hours of acceptance, etc.): _____

_____

4. Approval decision: ☐ Approved ☐ Denied Approved tonnages: _____

4a. If denied, please indicate the reason in the space provided: _____

_____

5. Approval Signature: _____ Date: _____
6. Facility Manager's Signature: _____ Date: _____

Generator Authorization Letter

Generator 904 Burke Avenue, LLC
Address: 904 Burke Avenue
Bronx, NY

Agent/Broker: Envirotrac
Material: Solids
Project #: 15-232860

I hereby authorize the above referenced Agent/Broker to sign all paperwork pertaining to the material listed above. Paperwork may include, but is not limited to, material profile forms, analytical data, various facility and regulatory certification forms, and manifests or other shipping documents. By signing below, I fully acknowledge that all pertinent information related to the site history, contamination, and all other details have been disclosed to the Agent/Broker to ensure that the material is properly characterized and handled.

Generator Name: 904 Burke Avenue (print)
Signature: [signature]
Company: (if applicable)
Date: 7/12/17

CLEANEARTH

Faster, smarter, greener solutions.™

July 14, 2017

Dale Konas, PE
EnviroTrac Ltd.
5 Old Dock Road
Yaphank, NY 11980

RE: 904 Burke Avenue LLC
904 Burke Avenue,
Bronx, NY 10469

Dear Mr. Konas,

Clean Earth of Carteret, LLC. (CEC) is pleased to provide you with this acceptance letter for the soil material being generated from the site referenced above. CEC has reviewed the material profile sheet and the laboratory analysis representing the project soil material for offsite disposal. Based on the review, soil sample procedure and soil sample analytical data results represented by Alpha Analytical Laboratories (Lab Number: L1722208) meet the analytical criteria of our NJDEP permitted Class-B Recycling facility in Carteret, NJ.

This letter serves as approval of ~ 48 tons of non-hazardous contaminated soil/urban fill represented by composite sample ID(s): Waste-20170628 and all related grab samples to be generated from construction activities at the site.

Currently we have enough analysis on hand to cover estimated quantity of material. In the event the volume exceeds approved tonnages, our facility is permitted to analyze missing parameters by collecting soil samples from incoming loads. Please note that TPH analysis (every 150 Tons) will be required to comply with CEC's Class B permit. In the essence of saving time, CEC will collect the additional TPH samples as required upon arrival at the facility to meet the CEC analytical requirements. CEC will amend the invoice accordingly.

Please provide the approval number when scheduling and include the approval number and grid location id on all manifests when shipping soils generated from this site. CEC can only accept non Hazardous petroleum impacted soils. Any soils with free petroleum product or liquids, sludge's, or hazardous waste cannot be accepted. The generator will be notified of any non-conforming material. Processing of the soil will be performed under NJDEP Recycling Center Permit No. CBG150002.

If you should have any questions or require any additional information, please call me at (732) 541-8909.

Sincerely,
Clean Earth of Carteret, LLC.

Tejas R. Shah

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

15-232860

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
. . . . .	63249	

GENERATOR

3. Generator's Name and Mailing Address
Para
904 Burke Ave
Bronx NY.

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Clean Earth of Carteret 24 Middlesex Ave. Carteret N.J.	. . . . .	

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Haz Petroleum impacted Soil	001	CM	020	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

Global # 145708
Approval # 173070867

NYLIC # 377706PC
Box # 202555
Trk # RE30

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
X	X	7	18	17

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
William Scheurer		7	18	17

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
William Scheurer		7	18	17

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
BG		7	19	17

T/S/D/F COPY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 7000000677654

	Date	Time	Scale
In:	7/18/2017	09:30:15	Scale CE
Out:	7/18/2017	09:30:27	P.T.

	Lbs	Tns
Gross:	71280	35.64
Tare:	35420	17.71
Net:	35860	17.93

Manifest: 63249
Vehicle ID: 07AARCOB30
Vehicle Permit:
Customer: AARCO ENV. SERVICES CORP

Facility Approval#: 1730708

Generator: 904 Burke Avenue LLC
Gen Address: 3333 Boston Road
Bronx, NY 10469

Job Name: 904 Burke Ave LLC/904 Burke A
Job Address: 904 Burke Avenue
Bronx, NY 10469

Origin	Materials & Services	Quantity	Unit
Bronx	Soil Treatment Type II	17.93	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

TRANSPORTER

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000678734

	Date	Time	Scale
In:	7/19/2017	10:18:46	Scale CE
Out:	7/19/2017	10:18:54	P.T.

	Lbs	Tns
Gross:	64780	32.39
Tare:	35720	17.86
Net:	29060	14.53

Manifest: 004895
Vehicle ID: 07AARC0472
Vehicle Permit:
Customer: AARCO ENV. SERVICES CORP

Facility Approval#: 173070867
Job Name: 904 Burke Ave LLC/904 Burke A
Job Address: 904 Burke Avenue
Bronx, NY 10469

Generator: 904 Burke Avenue LLC
Gen Address: 3333 Boston Road
Bronx, NY 10469

Origin	Materials & Services	Quantity	Unit
Bronx	Soil Treatment Type II	14.53	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

Job # 15-232860

TRANSPORTER

Copied

CLEANEARTH

Manifest # 884895

15-032860

GLOBAL JOB NUMBER: 145708 **FACILITY APPROVAL NUMBER:** 17307086?

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Greater Washington, 6250 Dower House Road, Upper Marlboro, MD 20772, Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other ______

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐ Tons ☑ Yards	
904 Bucke Ave / Bronx NY	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Haz Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [illegible] Title: [illegible]

Signature: [signature] Date and Time: 7-19-17

TRANSPORTER

Company: AARCO Phone Number: 631 786 5920

Address: 50 Sear Ave [illegible] NY Truck # and License Plate: R472 60357FC

Driver: Robert Martinez SW Haulers Permit #: 289385

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 7-19-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 7-19-17

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 7/19/17

Job # 15-238860

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000682118

	Date / Time	Scale
In:	7/24/2017 10:36:26	Scale CE
Out:	7/24/2017 10:36:39	P.T.

	Lbs	Tns
Gross:	48320	24.16
Tare:	35720	17.86
Net:	12600	6.30

Manifest: 884896
Vehicle ID: 07AARC0472
Vehicle Permit:
Customer: AARCO ENV. SERVICES CORP

Facility Approval#: 173070867
Job Name: 904 Burke Ave LLC/904 Burke A
Job Address: 904 Burke Avenue
Bronx, NY 10469

Generator: 904 Burke Avenue LLC
Gen Address: 3333 Boston Road
Bronx, NY 10469

Origin	Materials & Services	Quantity	Unit
Bronx	Soil Treatment Type II	6.30	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

TRANSPORTER

CLEANEARTH

15-232860

DOX-202-648

Manifest # 884896

GLOBAL JOB NUMBER: 145708 **FACILITY APPROVAL NUMBER:** 17707086?

Please Check One:

- ☐ Clean Earth of Carteret
  24 Middlesex Avenue
  Carteret, NJ 07008
  Ph: 732-541-8909
- ☐ Clean Earth of Maryland
  1469 Oak Ridge Place
  Hagerstown, MD 21740
  Ph: 301-791-6220
- ☐ Clean Earth of New Castle
  94 Pyles Lane
  New Castle, DE 19720
  Ph: 302-427-6633
- ☐ Clean Earth of Greater Washington
  6250 Dower House Road
  Upper Marlboro, MD 20772
  Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia
  3201 S. 61st Street
  Philadelphia, PA 19153
  Ph: 215-724-5520
- ☐ Clean Earth of North Jersey
  115 Jacobus Avenue
  Kearny, NJ 07032
  Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania
  7 Steel Road East
  Morrisville, PA 19067
  Ph: 215-428-1700
- ☐ Other________

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐ Tons ☑ Yards
904 Burke Ave Bronx	TARE WEIGHT: ☐ Tons ☐ Yards
GENERATOR'S PHONE: 347-366-6331	NET WEIGHT: ☐ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Haz Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [signature] Title:

Signature: [signature] Date and Time: 7-24-17

TRANSPORTER

Company: AARCO Phone Number: 631 586 5900

Address: 50 Gear Ave ... Truck # and License Plate: R473 60354PC

Driver: Robert Martinez SW Haulers Permit #: 589785

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 7-24-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 7-24-17

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 7/24/17

TRANSPORTER

EnviroTrac
Environmental Services

August 22, 2017

Dale Transfer Corporation
129 Dale Street
West Babylon, New York 11704

RE: Waste Disposal
904 Burke Avenue
Bronx, New York
NYSDEC BCP # C203032

To Whom It May Concern:

This letter serves as a formal request for disposal approval of five (5) 55-gallon DOT drums of petroleum impacted groundwater and one (1) 55-gallon DOT drum of soil which originated from the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site number C203032, 904 Burke Avenue, Bronx, New York as a result of environmental remedial activities.

Please provide written correspondence indicating the receipt of this request and your approval to accept this soil for disposal.

If you should have any questions or require additional information please contact myself, the project Remedial Engineer, at 631-924-3001.

Sincerely,
EnviroTrac Ltd.

Dale Konas, PE

Dale Transfer Corporation

WASTE ACCEPTANCE VERIFICATION

August 22, 2017

EnviroTrac Ltd
5 Old Dock Road
Yaphank NY 11980
(631)-924-3001

Attn: Dale Konas
Re: 904 Burke Ave, Bronx, NY

Dear Mr. Konas,

We have received your letter requesting disposal of five (5) 55-gallon DOT drums of petroleum impacted groundwater and one (1) 55-gallon DOT drum of soil or originated from the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site number C203032, 904 Burke Avenue, Bronx, New York. Upon review of the below referenced site lab analytical reports, and site information, the referenced materials are approved for disposal at Dale Transfer Corporation.

Analytical Data:
York Laboratories.
York project number 17H0944

Alpha Analytical
Lab number L1722208

Please feel free to contact me if you have any questions.

Thank you,

Steven Plofker
Director of Operations

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

15-232860 Envirotrac

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 65809 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Burke Ave LLC
904 Burke Ave.
Bronx N.Y.

4. Generator's Phone ( )

5. Transporter 1 Company Name
AARCO ENVIRONMENTAL SERVICES CORP.

6. US EPA ID Number
N.Y.R.0.0.0.1.0.7.3.2.6

A. Transporter's Phone
631-586-5900

7. Transporter 2 Company Name

8. US EPA ID Number
. . . . . .

B. Transporter's Phone

9. Designated Facility Name and Site Address
DALE TRANSFER CORP.
129 DALE STREET
WEST BABYLON, NY 11704

10. US EPA ID Number
. . . . . N/A . . . .

C. Facility's Phone
631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZARDOUS WASTE SOLID Profile # 2017-526 Drill Cuttings from Reaming	01	DM	0350	P
b. NON-HAZARDOUS WASTE LIQUID Purge Water and oily water Profile # 2017-525 Chem-Waste	06	DM	0055	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Agent for - Will Scheiner | Signature: Agent for. | Month 08 | Day 21 | Year 17

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: Will Scheiner | Signature | Month 08 | Day 21 | Year 17

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month . | Day . | Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Armando Sanchez | Signature | Month 08 | Day 21 | Year 17

ORIGINAL – RETURN TO GENERATOR

APPENDIX H

Laboratory Analytical Reports (CD)

~~~~~~~~~~~~~~

Alpha Analytical – L1719474 (992 pages)

Alpha Analytical – L1721963 (324 pages)

Alpha Analytical – L1721642 (840 pages)

Alpha Analytical – L1721964 (399 pages)

Alpha Analytical – L1722210 (1,136 pages)

Alpha Analytical – L1722403 (721 pages)

Alpha Analytical – L1722209 (3,421 pages)

Alpha Analytical – L1727769 (880 pages)

Alpha Analytical – L1727718 (453 pages)
~~~~~~~~~~~~~~

APPENDIX I

DUSRs (CD)

~~~~~~~~~~~~~~

EDS – L1719474 (49 pages)

EDS – L1721963 (12 pages)

EDS – L1721642 (46 pages)

EDS – L1721964 (15 pages)

EDS – L1722210 (36 pages)

EDS – L1722403 (13 pages)

EDS – L1722209 (56 pages)

EDS – L1727769 (49 pages)

EDS – L1727718 (20 pages)
~~~~~~~~~~~~~~

APPENDIX J

Imported Material Documentation

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

15-232860

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 422528
Date: 6/22/2017 4
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999120
AARCO ENVIRONMENTAL SVC. CORP
50 GEAR AVENUE
LINDENHURST NY, 11757

Manifest #:
PO #:
Job #

Order Number: 14
NYS SELECT FILL - 1101 PROSP AVE
Tons: 286.570
Loads: 8

6035 - AARCO#472 - R/O - 60354PC
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks: Credit Card Approval:128080 TroutD:755931206

Payment Information

Type	Amount	Che
Credit Card	$462.84	

Material	Location Address	Quantity	Price	Misc $	Tax $
110 CONC. SAND (A)-10-34F		20.29 tn	$21.00	$0.00	$36.75

Gross	Tare	Net	Time IN	Time OUT
38.46 Tn 76,920 Lb	18.17 Tn 36,340 lb	20.29 Tn 40,580 Lb	4:28 PM	4:27 PM

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

15-232810

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 422710
Date: 6/23/2017 12:49 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999120
AARCO ENVIRONMENTAL SVC. CORP
50 GEAR AVENUE
LINDENHURST NY, 11757

Manifest #:
PO #:
Job #

Order Number: 4
Concrete Sand
Tons: 1022.920
Loads: 87

7370 - AARCO#830- R/O - 37370PC
CMB - Christopher Batt Lic.#603201
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number
Credit Card	$469.91	41115

Remarks: Credit Card Approval:014942 TroutD:756505892

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
110 CONC. SAND (A)-10-34F		20.6 tn	$21.00	$0.00	$37.31	$469.91

Gross	Tare	Net	Time IN	Time OUT
38.13 Tn 76,260 Lb	17.53 Tn 35,060 lb	20.60 Tn 41,200 Lb	11:59 AM	12:37 PM

2nd load

Driver

INSPECTION

Ticket #: 26389

8/23/2017

Metro Green, LLC

100 Oak Street

Mount Vernon NY, 10550

Community Paving Corp.

271 W. Lincoln Ave.

Mount Vernon NY, 10550

904 BURKE AVE

Weigh Master: METROGREEN -- Metro Green

Truck: 26389 --

Material	Quantity	Price
Item # 4	20.000 YD	

Signature:

Ticket #: 26876

8/23/2017

Metro Green, LLC

100 Oak Street

Mount Vernon NY, 10550

Community Paving Corp.

271 W. Lincoln Ave.

Mount Vernon NY, 10550

904 BURKE AVE

Weigh Master: METROGREEN -- Metro Green

Truck: 26876 --

Material	Quantity	Price
Item # 4	20.000 YD	

Signature:

New York Recycling, LLC
475 Exterior Street
Bronx, NY 10451
718-742-0755 Fax 718-742-0754,

New York Recycling, LLC

Ticket No: 130062
Date: 10/13/17
NYR Ticketer: RAVEN

Outbound
7:12 AM

Customer: 559
Metro Green LLC
100 Oak St.

MT VERNON NEW YORK, 10550

Truck Plate 70062JW
Trucker: COMMUNITY PAVING
Job No: 1347 Loads: 1
Job Description: BRONX LOCATIONS
Job Address:
Town/Borough: BRONX

Remarks: COMMUNITY PAVING CORP : 904 BERKE AVE BRONX

Material	Quantity	Unit Price	Delivery $	Misc $	Tax $	Total
112 Recycled Item#4 304.4	18.000 YD	$3.00	$0.00	$0.00	$0.00	$54.00

New York Recycling, LLC issues this receipt solely for calculating the unit of measure of the purchased materials. Customer/Hired Hauler/Trucker is solely responsible for operating the vehicle within its permitted weight limitation and for the safe and proper pick-up, hauling and delivery of materials. Customer/Hired Hauler/Trucker shall defend and indemnify New York Recycling, LLC against and all claims arising out of a failure to: (1) Comply with permitted weight limitations; and (2) Safely Pick-Up, Haul Truck and Deliver materials. TERMS (If applicable): Net 30 Days from invoice, interest accrued at the highest rate allowable under state law, or 1 1/2 % per month, whichever is less shall be charged and paid after due date.

Total Material:	$54.00
Total Delivery:	$0.00
Total Misc:	$0.00
Total Tax:	$0.00
Ticket Total:	$54.00
Paid Amount:	$54.00
Credit Card:	
CC Auth #:	

X: Jesus Abreu

Driver Signature

APPENDIX K

Environmental Easement

EnviroTrac
Environmental Services

Department of Finance

October 31, 2017

BURKE AVE EASEMENT
3305 BOSTON ROAD
BRONX, NY 10469

RE: Submitted Transaction Successfully Recorded

Dear BURKE AVE EASEMENT:

Document Identification Number 2017102401590001 which was submitted and intaken for Recording on 10/30/2017 4:22:28 PM, was successfully recorded on 10/31/2017 at 3:44 PM.

Below summarizes the status of the document(s).

Recording & Endorsement Cover Page(s) attached

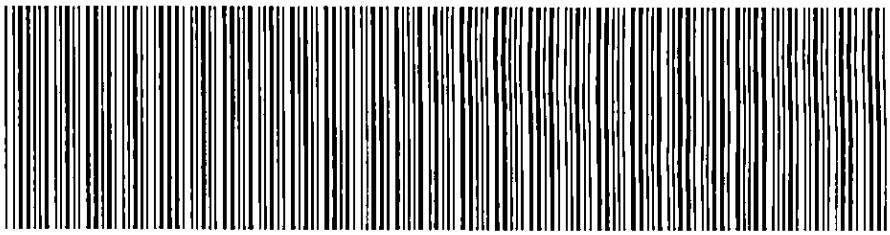
2017102401590001

If you have questions or require further information, please send an email to acrishelp@finance.nyc.gov and someone will get back to you.

Thank you.

City Register

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2017102401590001002153 17

REAL PROPERTY TRANSFER TAX COVER PAGE **PAGE 1 OF 1**

Document ID: 2017102401590001 Document Date: 10-11-2017 Preparation Date: 10-30-2017
Document Type: EASEMENT

PARTIES

FIRST GRANTOR/SELLER:	**FIRST GRANTEE/BUYER:**
H B BRONX REALTY LLC	NYSDEC
3333 BOSTON ROAD	625 BROADWAY
BRONX, NY 10469	ALBANY, NY 12233

ASSOCIATED TAX FORM ID: 201710240042910102

RPTT SUPPORTING DOCUMENTS SUBMITTED:

Page Count

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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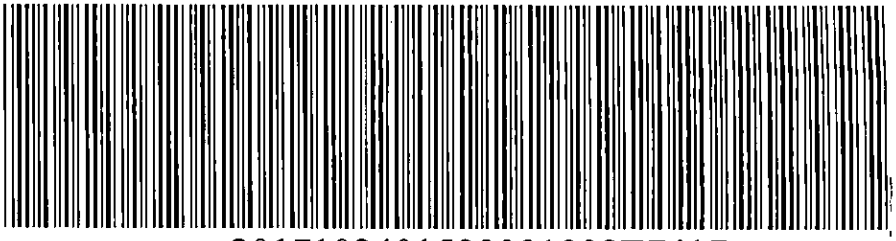

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RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2017102401590001 Document Date: 10-11-2017 Preparation Date: 10-30-2017
Document Type: EASEMENT
Document Page Count: 9

PRESENTER:	**RETURN TO:**
BURKE AVE EASEMENT 3305 BOSTON ROAD BRONX, NY 10469 917-693-4249 CONTRERASLMAC4@GMAIL.COM	BURKE AVE EASEMENT 3305 BOSTON ROAD BRONX, NY 10469 917-693-4249 CONTRERASLMAC4@GMAIL.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BRONX	4574	25	Entire Lot	910 BURKE AVENUE

Property Type: PARKING SPACE Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
H B BRONX REALTY LLC 3333 BOSTON ROAD BRONX, NY 10469	NYSDEC 625 BROADWAY ALBANY, NY 12233

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	82.00
Affidavit Fee:	$	0.00

Filing Fee:		
	$	100.00
NYC Real Property Transfer Tax:		
	$	0.00
NYS Real Estate Transfer Tax:		
	$	0.00

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 14th day of October 2017 between Owner(s) HB Bronx Realty, LLC, having an office at 3333 Boston Road, Bronx, New York 10469, County of Bronx, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 904 Burke Avenue in the City of New York, County of Bronx and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 4574 Lot 25, being the same as that property conveyed to Grantor by deed dated March 24, 2004 and recorded in the City Register of the City of New York as CRFN # 2005000201149. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.230 +/- acres, and is hereinafter more fully described in the Land Title Survey dated May 24, 2017 prepared by Ramzan Alli, L.L.S. of NY Land Surveyor P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: W2-1072-05-07, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) 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 this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation

pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved b the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C203032
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and

communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

HB Bronx Realty, LLC:

By: _____

Print Name: Harold Bendell

Title: Member Date: 9-25-17

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the 25th day of Sept., in the year 20 17, before me, the undersigned, personally appeared Harold Bendell, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

ERIC L. KELTZ
Notary Public, State of New York
Registration #02KE6083924
Qualified In Queens County
Commission Expires November 25, 2018

SEAL

State of New York, County of Queens SS:

On the day of in the year before me, the undersigned,
Personally appeared HAROLD BENDELL

Personally know to me or proved to me on the basis of satisfactory evidence to be the individual (s) whose name (s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity (ies), and that by his/her/their signature (s) on the instrument, the individual (s), or the person upon behalf of which the individual (s) or the persona upon behalf of which the individual (s) acted, executed the instrument.

ROBERT COTTRELL
NOTARY PUBLIC STATE OF NEW YORK
NO. 01C04886219
QUALIFIED IN QUEENS COUNTY
COMMISSION EXPIRES MARCH 2, 2019

(signature and office of individual taking acknowledgment)

SEAL

TO BE USED ONLY WHEN THE ACKNOWLEDGMENT IS MADE OUTSIDE NEW YORK STATE

State (or District of Columbia, Territory, or Foreign Country) or SS:

On the day of in the year before me, the undersigned Personally appeared

Personally known to me or proved to me on the basis of satisfactory evidence to be the individual (s) whose name (s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity (ies), and that by his/her/their signature (s) on the instrument, the individual (s), or the person upon behalf of which the individual (s), acted, executed the instrument, and that such individual made such appearance before the undersigned in the

_____ in
(insert the city or other political subdivision)

_____
(and insert the State or Country or other place the acknowledgment was taken)

(signature and office of individual taking acknowledgment)

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 11th day of October, in the year 2017 before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2018

SEAL

SCHEDULE "A" PROPERTY DESCRIPTION

904 Burke Ave Site

BCP Site Number C203032

Section 16, Block 4574, Lot 25

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

BEGINNING at a point formed by the intersection of the east side of Bronxwood Avenue and the south side of Burke Avenue;

RUNNING THENCE easterly along the south side of Burke Avenue a distance of 125.00 feet to a point;

THENCE south parallel with the Bronxwood Avenue a distance of 80.00 feet to a point;

THENCE west parallel with Burke Avenue a distance of 125.00 feet to a point;

THENCE north along the east side of Bronxwood Avenue a distance of 80.00 feet to the point and place of BEGINNING.

Said premises being more commonly known as 904 Burke Avenue, Bronx, New York

NEW YORK CITY DEPARTMENT OF FINANCE

NYC - RPT

Finance

REAL PROPERTY TRANSFER TAX RETURN

(Pursuant to Title 11, Chapter 21, NYC Administrative Code)

CITY REGISTER

OCT 2 4 2017

▲ DO NOT WRITE IN THIS SPACE ▲
FOR OFFICE USE ONLY

Instructions: If you are filing this form as part of a Non-Recorded Transfer, mail your completed RPT form to: NYC Dept. of Finance, Non-Recorded RPTT Return Processing, 66 John Street, 13th Floor, New York, NY 10038. See Instructions on page 17 of this form for further details.

GRANTOR

● Name: HB Bronx Realty LLC

● Grantor is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☑ single member LLC ☐ multiple member LLC (see instructions) ☐ other _____

Telephone Number:

● Permanent mailing address after transfer (number and street): 3333 Boston Rd.

● City and State: Bronx NY

Zip Code: 10469

● Single member's name if grantor is a single member LLC (see instructions): Harold Bendell

SOCIAL SECURITY NUMBER: ___ ■ ___ ■ ____

OR

EMPLOYER IDENTIFICATION NUMBER: 13 ■ 4158818

SINGLE MEMBER EIN OR SSN: 129360219

GRANTEE

● Name: The People of the State of New York

● Grantee is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☑ other _____ ☐ single member LLC ☐ multiple member LLC (see instructions)

Telephone Number:

● Permanent mailing address after transfer (number and street): NYSDEC 625 Broadway

● City and State: Albany NY

Zip Code: 12233

● Single member's name if grantee is a single member LLC (see instructions):

SOCIAL SECURITY NUMBER: ___ ■ ___ ■ ____

OR

EMPLOYER IDENTIFICATION NUMBER: 14 ■ 6013202

SINGLE MEMBER EIN OR SSN:

PROPERTY LOCATION

LIST EACH LOT SEPARATELY. ATTACH A RIDER IF ADDITIONAL SPACE IS REQUIRED

● Address (number and street)	Apt. No.	Borough	Block	Lot	# of Floors	Square Feet	● Assessed Value of Property
904 Burke Ave		Bronx	4574	25	N/A	10,000	1,000,000.

● DATE OF TRANSFER TO GRANTEE: 10/11/17

● PERCENTAGE OF INTEREST TRANSFERRED: 100 %

CONDITION OF TRANSFER. See Instructions

● Check (✓) all of the conditions that apply and fill out the appropriate schedules on pages 5-11 of this return. Additionally, Schedules1 and 2 **must** be completed for all transfers.

a. ☐.....Arms length transfer
b. ☐.....Transfer in exercise of option to purchase
c. ☐.....Transfer from cooperative sponsor to cooperative corporation
d. ☐.....Transfer by referee or receiver (complete Schedule A, page 5)
e. ☐.....Transfer pursuant to marital settlement agreement or divorce decree (complete Schedule I, page 9)
f. ☐.....Deed in lieu of foreclosure (complete Schedule C, page 6)
g. ☐.....Transfer pursuant to liquidation of an entity (complete Schedule D, page 6)
h. ☐.....Transfer from principal to agent, dummy, strawman or conduit or vice-versa (complete Schedule E, page 7)
i. ☐.....Transfer pursuant to trust agreement or will (attach a copy of trust agreement or will)
j. ☐.....Gift transfer not subject to indebtedness
k. ☐.....Gift transfer subject to indebtedness
l. ☐.....Transfer to a business entity in exchange for an interest in the business entity (complete Schedule F, page 7)
m. ☑.....Transfer to a governmental body
n. ☐.....Correction deed
o. ☐.....Transfer by or to a tax exempt organization (complete Schedule G, page 8).
p. ☐.....Transfer of property partly within and partly without NYC
q. ☐.....Transfer of successful bid pursuant to foreclosure
r. ☐.....Transfer by borrower solely as security for a debt or a transfer by lender solely to return such security
s. ☐.....Transfer wholly or partly exempt as a mere change of identity or form of ownership. Complete Schedule M, page 9)
t. ☐.....Transfer to a REIT or to a corporation or partnership controlled by a REIT. (Complete Schedule R, pages 10 and 11)
u. ☐.....Other transfer in connection with financing (describe): _____
v. ☐.....A grant or assignment of a leasehold interest in a tax-free NY area
w. ☑.....Other (describe): Conveyance of an easement

● TYPE OF PROPERTY (✓)

a. ☐ ..... 1-3 family house
b. ☐ ..... Individual residential condominium unit
c. ☐ ..... Individual cooperative apartment
d. ☐ ..... Commercial condominium unit
e. ☐ ..... Commercial cooperative
f. ☐ ..... Apartment building
g. ☐ ..... Office building
h. ☐ ..... Industrial building
i. ☐ ..... Utility
j. ☑ ..... OTHER. (describe): vacant lot

● TYPE OF INTEREST (✓)

Check box at LEFT if you intend to record a document related to this transfer. Check box at RIGHT if you do not intend to record a document related to this transfer.

	REC.		NON REC.
a.	☐	Fee	☐
b.	☐	Leasehold Grant	☐
c.	☐	Leasehold Assignment or Surrender	☐
d.	☑	Easement	☐
e.	☐	Subterranean Rights	☐
f.	☐	Development Rights	☐
g.	☐	Stock	☐
h.	☐	Partnership Interest	☐
i.	☐	OTHER. (describe):	☐

SCHEDULE 1 - DETAILS OF CONSIDERATION

COMPLETE THIS SCHEDULE FOR ALL TRANSFERS AFTER COMPLETING THE APPROPRIATE SCHEDULES ON PAGES 5 THROUGH 11. ENTER "ZERO" ON LINE 11 IF THE TRANSFER REPORTED WAS WITHOUT CONSIDERATION.

1. Cash	1.		
2. Purchase money mortgage	2.		
3. Unpaid principal of pre-existing mortgage(s)	3.		
4. Accrued interest on pre-existing mortgage(s)	4.		
5. Accrued real estate taxes	5.		
6. Amounts of other liens on property	6.		
7. Value of shares of stock or of partnership interest received	7.		
8. Value of real or personal property received in exchange	8.		
9. Amount of Real Property Transfer Tax and/or other taxes or expenses of the grantor which are paid by the grantee	9.		
10. Other (describe):	10.		
11. **TOTAL CONSIDERATION** (add lines 1 through 10 - must equal amount entered on line 1 of Schedule 2) (see instructions)	11.	$ 0	00

See instructions for special rules relating to transfers of cooperative units, liquidations, marital settlements and transfers of property to a business entity in return for an interest in the entity.

SCHEDULE 2 - COMPUTATION OF TAX

A. **Payment**	Pay amount shown on line 12 - *See Instructions*	Payment Enclosed	
1. Total Consideration (from line 11, above)	1.		
2. Excludable liens (see instructions)	2.		
3. Consideration (Line 1 less line 2)	3.		
4. Tax Rate (see instructions)	4.		%
5. Percentage change in beneficial ownership (see instructions)	5.		%
6. Taxable consideration (multiply line 3 by line 5)	6.		
7. Tax (multiply line 6 by line 4)	7.		
8. Credit (see instructions)	8.		
9. Tax due (line 7 less line 8) (if the result is negative, enter zero)	9.		
10. Interest (see instructions)	10.		
11. Penalty (see instructions)	11.		
12. **Total Tax Due** (add lines 9, 10 and 11)	12.	$ 0	00

SCHEDULE 3 - TRANSFERS INVOLVING MULTIPLE GRANTORS AND/OR GRANTEES

NOTE If additional space is needed, attach copies of this schedule or an addendum listing all of the information required below.

GRANTOR(S)

- Name
- Grantor is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☐ single member LLC ☐ multiple member LLC (see instructions) ☐ other_____ — Telephone Number
- Permanent mailing address after transfer (number and street)
- City and State — Zip Code
- Single member's name if grantor is a single member LLC (see instructions)

SOCIAL SECURITY NUMBER ___ ■ ___ ■ ___
OR
EMPLOYER IDENTIFICATION NUMBER ___ ■ ___
SINGLE MEMBER EIN OR SSN ___

- Name
- Grantor is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☐ single member LLC ☐ multiple member LLC (see instructions) ☐ other_____ — Telephone Number
- Permanent mailing address after transfer (number and street)
- City and State — Zip Code
- Single member's name if grantor is a single member LLC (see instructions)

SOCIAL SECURITY NUMBER ___ ■ ___ ■ ___
OR
EMPLOYER IDENTIFICATION NUMBER ___ ■ ___
SINGLE MEMBER EIN OR SSN ___

GRANTEE(S)

- Name
- Grantee is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☐ single member LLC ☐ multiple member LLC (see instructions) ☐ other_____ — Telephone Number
- Permanent mailing address after transfer (number and street)
- City and State — Zip Code
- Single member's name if grantee is a single member LLC (see instructions)

SOCIAL SECURITY NUMBER ___ ■ ___ ■ ___
OR
EMPLOYER IDENTIFICATION NUMBER ___ ■ ___
SINGLE MEMBER EIN OR SSN ___

- Name
- Grantee is a(n): (check one) ☐ individual ☐ partnership (see instructions) ☐ corporation ☐ single member LLC ☐ multiple member LLC (see instructions) ☐ other_____ — Telephone Number
- Permanent mailing address after transfer (number and street)
- City and State — Zip Code
- Single member's name if grantee is a single member LLC (see instructions)

SOCIAL SECURITY NUMBER ___ ■ ___ ■ ___
OR
EMPLOYER IDENTIFICATION NUMBER ___ ■ ___
SINGLE MEMBER EIN OR SSN ___

NEW YORK CITY DEPARTMENT OF FINANCE

NYC - RPT

Department of Finance

REAL PROPERTY TRANSFER TAX RETURN

(Pursuant to Title 11, Chapter 21, NYC Administrative Code)

CITY REGISTER

OCT 24 2017

▲ DO NOT WRITE IN THIS SPACE ▲
FOR OFFICE USE ONLY

GRANTOR

● Name H B BRONX REALTY LLC

SOCIAL SECURITY NUMBER

OR

EMPLOYER IDENTIFICATION NUMBER 13-4158818

SINGLE MEMBER EIN OR SSN 129-36-0219

● Grantor is a(n): (check one) ☐ individual ☐ partnership ☐ corporation ☑ single member LLC ☐ multiple member LLC (see instructions) ☐ other

Telephone Number: 917-681-7751

● Permanent mailing address after transfer (number and street): 3333 BOSTON ROAD

● City and State: BRONX, NY

Zip Code: 10469

● Single member's name if grantor is a single member LLC: HAROLD BENDELL

GRANTEE

● Name NYSDEC

SOCIAL SECURITY NUMBER

OR

EMPLOYER IDENTIFICATION NUMBER 14-6013200

SINGLE MEMBER EIN OR SSN

● Grantee is a(n): (check one) ☐ individual ☐ partnership ☐ corporation ☐ single member LLC ☐ multiple member LLC (see instructions) ☑ other THE PEOPLE OF THE STATE OF NY

Telephone Number:

● Permanent mailing address after transfer (number and street): 625 BROADWAY

● City and State: ALBANY, NY

Zip Code: 12233

● Single member's name if grantee is a single member LLC:

PROPERTY LOCATION

LIST EACH LOT SEPARATELY. ATTACH A RIDER IF ADDITIONAL SPACE IS REQUIRED

● Address (number and street)	Apt. No.	Borough	Block	Lot	# of Floors	Square Feet	● Assessed Value of Property
910 BURKE AVENUE		BRONX	4574	25	1	1,587	148,050.00

● DATE OF TRANSFER TO GRANTEE: 10/11/2017

● PERCENTAGE OF INTEREST TRANSFERRED: 100 %

CONDITION OF TRANSFER See Instructions

● Check (✓) all of the conditions that apply and fill out the appropriate schedules of this return. Additionally, Schedules1 and 2 must be completed for all transfers.

a. ☐ ..... Arms length transfer
b. ☐ ..... Transfer in exercise of option to purchase
c. ☐ ..... Transfer from cooperative sponsor to cooperative corporation
d. ☐ ..... Transfer by referee or receiver (complete Schedule A)
e. ☐ ..... Transfer pursuant to marital settlement agreement or divorce decree (complete Schedule I)
f. ☐ ..... Deed in lieu of foreclosure (complete Schedule C)
g. ☐ ..... Transfer pursuant to liquidation of an entity (complete Schedule D)
h. ☐ ..... Transfer from principal to agent, dummy, strawman or conduit or vice-versa (complete Schedule E)
i. ☐ ..... Transfer pursuant to trust agreement or will (attach a copy of trust agreement or will)
j. ☐ ..... Gift transfer not subject to indebtedness
k. ☐ ..... Gift transfer subject to indebtedness
l. ☐ ..... Transfer to a business entity in exchange for an interest in the business entity (complete Schedule F)
m. ☑ ..... Transfer to a governmental body
n. ☐ ..... Correction deed
o. ☐ ..... Transfer by or to a tax exempt organization (complete Schedule G)
p. ☐ ..... Transfer of property partly within and partly without NYC
q. ☐ ..... Transfer of successful bid pursuant to foreclosure
r. ☐ ..... Transfer by borrower solely as security for a debt or a transfer by lender solely to return such security
s. ☐ ..... Transfer wholly or partly exempt as a mere change of identity or form of ownership. Complete Schedule M)
t. ☐ ..... Transfer to a REIT or to a corporation or partnership controlled by a REIT. (Complete Schedule R)
u. ☐ ..... Other transfer in connection with financing (describe): _____
v. ☐ ..... A grant or assignment of a leasehold interest in a tax-free NY area
w. ☐ ..... Transfer to an HDFC or an entity controlled by an HDFC. (Complete Schedule L)
x. ..... Reserved
y. ..... Reserved
z. ☑ ..... Other (describe) CONVEYANCE OF AN EASEMENT

2017102400429101O2

● TYPE OF PROPERTY (✓)	● TYPE OF INTEREST (✓)

a. ☐ ..... 1-3 family house
b. ☑ ..... Individual residential condominium unit
c. ☐ ..... Individual cooperative apartment
d. ☐ ..... Commercial condominium unit
e. ☐ ..... Commercial cooperative
f. ☐ ..... Apartment building
g. ☐ ..... Office building
h. ☐ ..... Industrial building
i. ☐ ..... Utility
j. ☐ ..... OTHER. (describe): _____

Check box at LEFT if you intend to record a document related to this transfer. Check box at RIGHT if you do not intend to record a document related to this transfer.

	REC.		NON REC.
a.	☐	Fee	☐
b.	☐	Leasehold Grant	☐
c.	☐	Leasehold Assignment or Surrender	☐
d.	☐	Easement	☑
e.	☐	Subterranean Rights	☐
f.	☐	Development Rights	☐
g.	☐	Stock	☐
h.	☐	Partnership Interest	☐
i.	☐	OTHER. (describe): _____	☐

SCHEDULE 1 - DETAILS OF CONSIDERATION

COMPLETE THIS SCHEDULE FOR ALL TRANSFERS AFTER COMPLETING THE APPROPRIATE SCHEDULES ON PAGES 5 THROUGH 12. ENTER "ZERO" ON LINE 11 IF THE TRANSFER REPORTED WAS WITHOUT CONSIDERATION.

1. Cash	● 1.	0 00
2. Purchase money mortgage	● 2.	0 00
3. Unpaid principal of pre-existing mortgage(s)	● 3.	0 00
4. Accrued interest on pre-existing mortgage(s)	● 4.	0 00
5. Accrued real estate taxes	● 5.	0 00
6. Amounts of other liens on property	● 6.	0 00
7. Value of shares of stock or of partnership interest received	● 7.	0 00
8. Value of real or personal property received in exchange	● 8.	0 00
9. Amount of Real Property Transfer Tax and/or other taxes or expenses of the grantor which are paid by the grantee	● 9.	0 00
10. Other (describe): _____	● 10.	0 00
11. **TOTAL CONSIDERATION** (add lines 1 through 10 - must equal amount entered on line 1 of Schedule 2) (see instructions)	● 11.	$ 0 00

See instructions for special rules relating to transfers of cooperative units, liquidations, marital settlements and transfers of property to a business entity in return for an interest in the entity.

SCHEDULE 2 - COMPUTATION OF TAX

A. **Payment**	Pay amount shown on line 15 - *See Instructions*	Payment Enclosed

1. Total Consideration (from line 11, above)	● 1.	0 00
2. Excludable liens (see instructions)	● 2.	0 00
3. Consideration (line 1 less line 2)	● 3.	0 00
4. Tax Rate (see instructions)	● 4.	0 %
5. HDFC Exemption (see Schedule L, line 15)	● 5.	0 00
6. Consideration less HDFC Exemption (line 3 less line 5)	● 6.	0 00
7. Percentage change in beneficial ownership (see instructions)	● 7.	100 %
8 Taxable consideration (multiply line 6 by line 7)	● 8.	0 00
9. Tax (multiply line 8 by line 4)	● 9.	0 00
10. Credit (see instructions)	● 10.	0 00
11. Transfer tax previously paid (see Schedule L, line 18)	● 11.	0 00
12. Tax due (line 9 less line 10 and 11) (if the result is negative, enter zero)	● 12.	0 00
13. Interest (see instructions)	● 13.	0 00
14. Penalty (see instructions)	● 14.	0 00
15. **Total Tax Due** (add lines 12, 13 and 14)	● 15.	$ 0 00

GRANTOR'S ATTORNEY

Name of Attorney		Telephone Number ( )	
Address (number and street)	City and State	Zip Code	
EMPLOYER IDENTIFICATION NUMBER	-	OR	SOCIAL SECURITY NUMBER - -

GRANTEE'S ATTORNEY

Name of Attorney		Telephone Number ( )	
Address (number and street)	City and State	Zip Code	
EMPLOYER IDENTIFICATION NUMBER	-	OR	SOCIAL SECURITY NUMBER - -

CERTIFICATION

I swear or affirm that this return, including any accompanying schedules, affidavits and attachments, has been examined by me and is, to the best of my knowledge, a true and complete return made in good faith, pursuant to Title 11, Chapter 21 of the Administrative Code and the regulations issued thereunder.

GRANTOR

Sworn to and subscribed to before me on this 3rd day of October, 2017.

Signature of Notary: Robert Cottrell

13-4158878
EMPLOYER IDENTIFICATION NUMBER OR SOCIAL SECURITY NUMBER

Harold Bendell
HB Bronx Realty LLC
Name of Grantor

Signature of Grantor: Harold Bendell

Notary's stamp or seal

ROBERT COTTRELL
NOTARY PUBLIC STATE OF NEW YORK
NO. 01C04886219
QUALIFIED IN QUEENS COUNTY
COMMISSION EXPIRES MARCH 2, 2019

SEAL

GRANTEE

Sworn to and subscribed to before me on this 11th day of October, 2017.

Signature of Notary: Caitlin E. Stephen

14-6013200
EMPLOYER IDENTIFICATION NUMBER OR SOCIAL SECURITY NUMBER

NYSDEC
Andrew Guglielmi
Name of Grantee

Signature of Grantee: Andrew Guglielmi

Notary's stamp or seal

Caitlin E. Stephen
Notary Public, State of New York
No. 02ST6338529
Qualified in Albany County
Commission Expires Mar. 14, 2020

SEAL

GRANTEE: To ensure that your property and water/sewer tax bills are sent to the proper address, please visit the Finance website at nyc.gov/finance. If you do not have internet access, call 311.

GRANTOR'S ATTORNEY ▼

Name of Attorney		Telephone Number ( )
Address (number and street)	City and State	Zip Code
EMPLOYER IDENTIFICATION NUMBER	OR SOCIAL SECURITY NUMBER	

GRANTEE'S ATTORNEY ▼

Name of Attorney		Telephone Number ( )
Address (number and street)	City and State	Zip Code
EMPLOYER IDENTIFICATION NUMBER	OR SOCIAL SECURITY NUMBER	

CERTIFICATION ▼

I swear or affirm that this return, including any accompanying schedules, affidavits and attachments, has been examined by me and is, to the best of my knowledge, a true and complete return made in good faith, pursuant to Title 11, Chapter 21 of the Administrative Code and the regulations issued thereunder.

GRANTOR

Sworn to and subscribed to before me on this _____ day of _____, _____.

Signature of Notary

Notary's stamp or seal

13-4158818
EMPLOYER IDENTIFICATION NUMBER OR SOCIAL SECURITY NUMBER

H B BRONX REALTY LLC
Name of Grantor

Signature of Grantor

GRANTEE

Sworn to and subscribed to before me on this _____ day of _____, _____.

Signature of Notary

Notary's stamp or seal

14-6013200
EMPLOYER IDENTIFICATION NUMBER OR SOCIAL SECURITY NUMBER

NYSDEC
Name of Grantee

Signature of Grantee

2017102400429101

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2017102401590001002252 57

REAL ESTATE TRANSFER TAX COVER PAGE **PAGE 1 OF 1**

Document ID: 2017102401590001 Document Date: 10-11-2017 Preparation Date: 10-30-2017
Document Type: EASEMENT

PARTIES

FIRST GRANTOR/SELLER:
H B BRONX REALTY LLC
3333 BOSTON ROAD
BRONX, NY 10469

FIRST GRANTEE/BUYER:
NYSDEC
625 BROADWAY
ALBANY, NY 12233

ASSOCIATED TAX FORM ID: 201710240042930102

RETT SUPPORTING DOCUMENTS SUBMITTED:

Page Count

TP-584 (4/13)

New York State Department of Taxation and Finance

Combined Real Estate Transfer Tax Return, Credit Line Mortgage Certificate, and Certification of Exemption from the Payment of Estimated Personal Income Tax

Recording office time stamp

See Form TP-584-I, Instructions for Form TP-584, before completing this form. Print or type.

Schedule A — Information relating to conveyance

Grantor/Transferor
- ☐ Individual
- ☐ Corporation
- ☐ Partnership
- ☐ Estate/Trust
- ☑ Single member LLC
- ☐ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantor*): HB Bronx Realty, LLC

Social security number:

Mailing address: 3333 Boston Road

Social security number:

City: Bronx | State: NY | ZIP code: 10469

Federal EIN: 13-4158818

Single member's name if grantor is a single member LLC *(see instructions)*: Harold Bendell

Single member EIN or SSN: 129-36-0219

Grantee/Transferee
- ☐ Individual
- ☐ Corporation
- ☐ Partnership
- ☐ Estate/Trust
- ☐ Single member LLC
- ☑ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantee*): The People of the State of New York

Social security number:

Mailing address: NYSDEC

Social security number:

City: 625 Broadway | State: Albany NY | ZIP code: 12233

Federal EIN: 14-6013200

Single member's name if grantee is a single member LLC *(see instructions)*:

Single member EIN or SSN:

Location and description of property conveyed

Tax map designation – Section, block & lot *(include dots and dashes)*	SWIS code (six digits)	Street address	City, town, or village	County
Block 4574 Lot 25		904 Burke Ave.	Bronx NY	Bronx

Type of property conveyed *(check applicable box)*
1 ☐ One- to three-family house
2 ☐ Residential cooperative
3 ☐ Residential condominium
4 ☐ Vacant land
5 ☑ Commercial/Industrial
6 ☐ Apartment building
7 ☐ Office building
8 ☐ Other _____

Date of conveyance: 10 (month) / 11 (day) / 17 (year)

Percentage of real property conveyed which is residential real property 0 % *(see instructions)*

Condition of conveyance *(check all that apply)*
a. ☐ Conveyance of fee interest
b. ☐ Acquisition of a controlling interest (state percentage acquired _____ %)
c. ☐ Transfer of a controlling interest (state percentage transferred _____ %)
d. ☐ Conveyance to cooperative housing corporation
e. ☐ Conveyance pursuant to or in lieu of foreclosure or enforcement of security interest *(attach Form TP-584.1, Schedule E)*
f. ☐ Conveyance which consists of a mere change of identity or form of ownership or organization *(attach Form TP-584.1, Schedule F)*
g. ☐ Conveyance for which credit for tax previously paid will be claimed *(attach Form TP-584.1, Schedule G)*
h. ☐ Conveyance of cooperative apartment(s)
i. ☐ Syndication
j. ☐ Conveyance of air rights or development rights
k. ☐ Contract assignment
l. ☐ Option assignment or surrender
m. ☐ Leasehold assignment or surrender
n. ☐ Leasehold grant
o. ☑ Conveyance of an easement
p. ☐ Conveyance for which exemption from transfer tax claimed *(complete Schedule B, Part III)*
q. ☐ Conveyance of property partly within and partly outside the state
r. ☐ Conveyance pursuant to divorce or separation
s. ☐ Other *(describe)* _____

For recording officer's use	Amount received	Date received	Transaction number
	Schedule B., Part I $ _____ Schedule B., Part II $	CITY REGISTER OCT 24 2017	

Schedule B – Real estate transfer tax return (Tax Law, Article 31)

Part I Computation of tax due

1	Enter amount of consideration for the conveyance *(if you are claiming a total exemption from tax, check the exemption claimed box, enter consideration and proceed to Part III)* ☑ **Exemption claimed**	1.	0
2	Continuing lien deduction *(see instructions if property is taken subject to mortgage or lien)*	2.	
3	Taxable consideration *(subtract line 2 from line 1)*	3.	
4	Tax: $2 for each $500, or fractional part thereof, of consideration on line 3	4.	
5	Amount of credit claimed for tax previously paid *(see instructions and attach Form TP-584.1,* Schedule G*)*	5.	
6	Total tax due* *(subtract line 5 from line 4)*	6.	

Part II – Computation of additional tax due on the conveyance of residential real property for $1 million or more

1	Enter amount of consideration for conveyance *(from* Part I*, line 1)*	1.	0
2	Taxable consideration *(multiply line 1 by the percentage of the premises which is residential real property, as shown in* Schedule A*)*	2.	
3	Total additional transfer tax due* *(multiply line 2 by 1% (.01))*	3.	

Part III – Explanation of exemption claimed on Part I, line 1 *(check any boxes that apply)*

The conveyance of real property is exempt from the real estate transfer tax for the following reason:

a. Conveyance is to the United States of America, the state of New York, or any of their instrumentalities, agencies, or political subdivisions (or any public corporation, including a public corporation created pursuant to agreement or compact with another state or Canada) ..... a ☑

b. Conveyance is to secure a debt or other obligation ..... b ☐

c. Conveyance is without additional consideration to confirm, correct, modify, or supplement a prior conveyance ..... c ☐

d. Conveyance of real property is without consideration and not in connection with a sale, including conveyances conveying realty as bona fide gifts ..... d ☑

e. Conveyance is given in connection with a tax sale ..... e ☐

f. Conveyance is a mere change of identity or form of ownership or organization where there is no change in beneficial ownership. (This exemption cannot be claimed for a conveyance to a cooperative housing corporation of real property comprising the cooperative dwelling or dwellings.) Attach Form TP-584.1, Schedule F ..... f ☐

g. Conveyance consists of deed of partition ..... g ☐

h. Conveyance is given pursuant to the federal Bankruptcy Act ..... h ☐

i. Conveyance consists of the execution of a contract to sell real property, without the use or occupancy of such property, or the granting of an option to purchase real property, without the use or occupancy of such property ..... i ☐

j. Conveyance of an option or contract to purchase real property with the use or occupancy of such property where the consideration is less than $200,000 and such property was used solely by the grantor as the grantor's personal residence and consists of a one-, two-, or three-family house, an individual residential condominium unit, or the sale of stock in a cooperative housing corporation in connection with the grant or transfer of a proprietary leasehold covering an individual residential cooperative apartment ..... j ☐

k. Conveyance is not a conveyance within the meaning of Tax Law, Article 31, section 1401(e) *(attach documents supporting such claim)* ..... k ☐

*The total tax (from Part I, line 6 and Part II, line 3 above) is due within 15 days from the date conveyance. Please make check(s) payable to the county clerk where the recording is to take place. If the recording is to take place in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, make check(s) payable to the ***NYC Department of Finance.*** If a recording is not required, send this return and your check(s) made payable to the ***NYS Department of Taxation and Finance,*** directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-5045.

TP-584 (4/13)

New York State Department of Taxation and Finance

Combined Real Estate Transfer Tax Return, Credit Line Mortgage Certificate, and Certification of Exemption from the Payment of Estimated Personal Income Tax

Recording office time stamp

See Form TP-584-I, Instructions for Form TP-584, before completing this form. Print or type.

Schedule A — Information relating to conveyance

Grantor/Transferor

☐ Individual
☐ Corporation
☐ Partnership
☐ Estate/Trust
☑ Single member LLC
☐ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantor)*: H B BRONX REALTY LLC

Social security number:

Mailing address: 3333 BOSTON ROAD

Social security number:

City: BRONX | State: NY | ZIP code: 10469

Federal EIN: 13 4158818

Single member's name if grantor is a single member LLC *(see instructions)*: BENDELL, HAROLD

Single member EIN or SSN: 129-36-0219

Grantee/Transferee

☐ Individual
☐ Corporation
☐ Partnership
☐ Estate/Trust
☐ Single member LLC
☑ Other

Name *(if individual, last, first, middle initial)* (☐ *check if more than one grantee)*: NYSDEC

Social security number:

Mailing address: 625 BROADWAY

Social security number:

City: ALBANY | State: NY | ZIP code: 12233

Federal EIN: 14 6013200

Single member's name if grantee is a single member LLC *(see instructions)*:

Single member EIN or SSN:

Location and description of property conveyed

Tax map designation - Section, block & lot *(include dots and dashes)*	SWIS code (six digits)	Street address	City, town, or village	County
2 - 4574 - 25	650000	910 BURKE AVENUE	NEW YORK	BRONX

Type of property conveyed *(check applicable box)*

1 ☐ One- to three-family house
2 ☐ Residential cooperative
3 ☑ Residential condominium
4 ☐ Vacant land
5 ☐ Commercial/Industrial
6 ☐ Apartment building
7 ☐ Office building
8 ☐ Other _____

Date of conveyance: 10 (month) 11 (day) 2017 (year)

Percentage of real property conveyed which is residential real property 100.00 % *(see instructions)*

Condition of conveyance *(check all that apply)*

a. ☐ Conveyance of fee interest
b. ☐ Acquisition of a controlling interest (state percentage acquired _____ %)
c. ☐ Transfer of a controlling interest (state percentage transferred _____ %)
d. ☐ Conveyance to cooperative housing corporation
e. ☐ Conveyance pursuant to or in lieu of foreclosure or enforcement of security interest *(attach Form TP-584.1, Schedule E)*
f. ☐ Conveyance which consists of a mere change of identity or form of ownership or organization *(attach Form TP-584.1, Schedule F)*
g. ☐ Conveyance for which credit for tax previously paid will be claimed *(attach Form TP-584.1, Schedule G)*
h. ☐ Conveyance of cooperative apartment(s)
i. ☐ Syndication
j. ☐ Conveyance of air rights or development rights
k. ☐ Contract assignment
l. ☐ Option assignment or surrender
m. ☐ Leasehold assignment or surrender
n. ☐ Leasehold grant
o. ☑ Conveyance of an easement
p. ☑ Conveyance for which exemption from transfer tax claimed *(complete Schedule B, Part III)*
q. ☐ Conveyance of property partly within and partly outside the state
r. ☐ Conveyance pursuant to divorce or separation
s. ☐ Other *(describe)* _____

For recording officer's use	Amount received	Date received	Transaction number
	Schedule B., Part I $ Schedule B., Part II $	CITY REGISTER OCT 24 2017	

2017102400429301O2

Schedule B — Real estate transfer tax return (Tax Law, Article 31)

Part I – Computation of tax due

1	Enter amount of consideration for the conveyance *(if you are claiming a total exemption from tax, check the exemption claimed box, enter consideration and proceed to Part III)* ☑ **Exemption claimed**	1.	0 00
2	Continuing lien deduction *(see instructions if property is taken subject to mortgage or lien)*	2.	0 00
3	Taxable consideration *(subtract line 2 from line 1)*	3.	0 00
4	Tax: $2 for each $500, or fractional part thereof, of consideration on line 3	4.	0 00
5	Amount of credit claimed for tax previously paid *(see instructions and attach Form TP-584.1,* Schedule G*)*	5.	0 00
6	Total tax due* *(subtract line 5 from line 4)*	6.	0 00

Part II – Computation of additional tax due on the conveyance of residential real property for $1 million or more

1	Enter amount of consideration for conveyance *(from* Part I, *line 1)*	1.	0 00
2	Taxable consideration *(multiply line 1 by the percentage of the premises which is residential real property, as shown in* Schedule A*)*	2.	0 00
3	Total additional transfer tax due* *(multiply line 2 by 1% (.01))*	3.	0 00

Part III – Explanation of exemption claimed on Part I, line 1 *(check any boxes that apply)*

The conveyance of real property is exempt from the real estate transfer tax for the following reason:

a. Conveyance is to the United Nations, the United States of America, the state of New York, or any of their instrumentalities, agencies, or political subdivisions (or any public corporation, including a public corporation created pursuant to agreement or compact with another state or Canada) ..... a ☑

b. Conveyance is to secure a debt or other obligation ..... b ☐

c. Conveyance is without additional consideration to confirm, correct, modify, or supplement a prior conveyance ..... c ☐

d. Conveyance of real property is without consideration and not in connection with a sale, including conveyances conveying realty as bona fide gifts ..... d ☑

e. Conveyance is given in connection with a tax sale ..... e ☐

f. Conveyance is a mere change of identity or form of ownership or organization where there is no change in beneficial ownership. (This exemption cannot be claimed for a conveyance to a cooperative housing corporation of real property comprising the cooperative dwelling or dwellings.) Attach Form TP-584.1, Schedule F ..... f ☐

g. Conveyance consists of deed of partition ..... g ☐

h. Conveyance is given pursuant to the federal Bankruptcy Act ..... h ☐

i. Conveyance consists of the execution of a contract to sell real property, without the use or occupancy of such property, or the granting of an option to purchase real property, without the use or occupancy of such property ..... i ☐

j. Conveyance of an option or contract to purchase real property with the use or occupancy of such property where the consideration is less than $200,000 and such property was used solely by the grantor as the grantor's personal residence and consists of a one-, two-, or three-family house, an individual residential condominium unit, or the sale of stock in a cooperative housing corporation in connection with the grant or transfer of a proprietary leasehold covering an individual residential cooperative apartment ..... j ☐

k. Conveyance is not a conveyance within the meaning of Tax Law, Article 31, section 1401(e) *(attach documents supporting such claim)* ..... k ☐

*The total tax (from Part I, line 6 and Part II, line 3 above) is due within 15 days from the date conveyance. Please make check(s) payable to the county clerk where the recording is to take place. If the recording is to take place in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, make check(s) payable to the ***NYC Department of Finance***. If a recording is not required, send this return and your check(s) made payable to the ***NYS Department of Taxation and Finance***, directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-5045.

Schedule C — Credit Line Mortgage Certificate (Tax Law, Article 11)

Complete the following only if the interest being transferred is a fee simple interest.
I (we) certify that: *(check the appropriate box)*

1. ☐ The real property being sold or transferred is not subject to an outstanding credit line mortgage.

2. ☐ The real property being sold or transferred is subject to an outstanding credit line mortgage. However, an exemption from the tax is claimed for the following reason:
   - ☐ The transfer of real property is a transfer of a fee simple interest to a person or persons who held a fee simple interest in the real property (whether as a joint tenant, a tenant in common or otherwise) immediately before the transfer.
   - ☐ The transfer of real property is (A) to a person or persons related by blood, marriage or adoption to the original obligor or to one or more of the original obligors or (B) to a person or entity where 50% or more of the beneficial interest in such real property after the transfer is held by the transferor or such related person or persons (as in the case of a transfer to a trustee for the benefit of a minor or the transfer to a trust for the benefit of the transferor).
   - ☐ The transfer of real property is a transfer to a trustee in bankruptcy, a receiver, assignee, or other officer of a court.
   - ☐ The maximum principal amount secured by the credit line mortgage is $3,000,000 or more, and the real property being sold or transferred is **not** principally improved nor will it be improved by a one- to six-family owner-occupied residence or dwelling.

     Please note: for purposes of determining whether the maximum principal amount secured is $3,000,000 or more as described above, the amounts secured by two or more credit line mortgages may be aggregated under certain circumstances. See TSB-M-96(6)-R for more information regarding these aggregation requirements.
   - ☐ Other *(attach detailed explanation)*.

3. ☐ The real property being transferred is presently subject to an outstanding credit line mortgage. However, no tax is due for the following reason:
   - ☐ A certificate of discharge of the credit line mortgage is being offered at the time of recording the deed.
   - ☐ A check has been drawn payable for transmission to the credit line mortgagee or his agent for the balance due, and a satisfaction of such mortgage will be recorded as soon as it is available.

4. ☐ The real property being transferred is subject to an outstanding credit line mortgage recorded in _____ (insert liber and page or reel or other identification of the mortgage). The maximum principal amount of debt or obligation secured by the mortgage is _____. No exemption from tax is claimed and the tax of _____ is being paid herewith. *(Make check payable to county clerk where deed will be recorded or, if the recording is to take place in New York City but not in Richmond County, make check payable to the **NYC Department of Finance.**)*

Signature (both the grantor(s) and grantee(s) must sign)

The undersigned certify that the above information contained in schedules A, B, and C, including any return, certification, schedule, or attachment, is to the best of his/her knowledge, true and complete, and authorize the person(s) submitting such form on their behalf to receive a copy for purposes of recording the deed or other instrument effecting the conveyance.

Grantor signature	Title	Grantee signature	Title
	Member		
Grantor signature	Title	Grantee signature	Title
		Andrew Guglielmi	Attorney

Reminder: Did you complete all of the required information in Schedules A, B, and C? Are you required to complete Schedule D? If you checked *e*, *f*, or *g* in Schedule A, did you complete Form TP-584.1? Have you attached your check(s) made payable to the county clerk where recording will take place or, if the recording is in the New York City boroughs of Manhattan, Bronx, Brooklyn, or Queens, to the ***NYC Department of Finance***? If no recording is required, send your check(s), made payable to the ***Department of Taxation and Finance,*** directly to the NYS Tax Department, RETT Return Processing, PO Box 5045, Albany NY 12205-5045.