Former Consolidated Freightways Truck Terminal

KINGS, NEW YORK

Final Engineering Report

NYSDEC Site Number: C224191

Prepared for:

M & H Realty LLC
420 9th Avenue
New York, NY 10001

Prepared by:

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NOVEMBER 2019

CERTIFICATIONS

I, Ariel Czemerinski, P.E., am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan 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 for the remedy.

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

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

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Ariel Czemerinski, P.E., of AMC Engineering PLLC, am certifying as Owner’s Designated Site Representative for the Site.

NYS Professional Engineer #	Date	Signature

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES (DIGITAL FILES ON CD)

LIST OF ACRONYMS

Acronym	Definition
AMC	AMC Engineering
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CQMP	Construction Quality Management Plan
EBC	Environmental Business Consultants
FER	Final Engineering Report
IRM	Interim Remedial Measure
LPH	Liquid Phase Hydrocarbons
NYC	New York City
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
QEP	Qualified Environmental Professional
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RE	Remedial Engineer
RI	Remedial Investigation
SCG	Standards, Criteria, and Guidelines
SCO	Soil Cleanup Objectives
SMMP	Soil/Materials Management Plan
SSO	Site Safety Officer
SWPPP	Stormwater Pollution Prevention Plan
SVOCs	Semi-Volatile Organic Compounds
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

1.1 SITE BACKGROUND

M & H Realty Developers a/k/a M & H Realty LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in August 2014, to investigate and remediate a 4.88-acre property located in Brooklyn, New York. The property was remediated to restricted residential use, and will be used for restricted residential and commercial use.

The environmental easement for the Site was executed by the Department on XXXX, 2019, and filed with the Kings County Office of the City Register on XXXX, 2019. The City Register File Number (CRFN) for this filing is 2019110700464001. A copy of the easement and proof of recording is provided in Appendix B.

1.2 SITE LOCATION

The Site is located in the County of Kings, New York and is identified as Block 2570 and Lot 1 on the New York City Tax Map. The Site is situated on an approximately 4.88-acre area bounded by Oak Street to the north, Quay Street t o the south, West Street to the east, and the East River to the west (see Figure 1). Lot 1 consists of 480 feet of street frontage on West Street, 400 feet of frontage on the East River and is approximately 750 feet deep for a total area of 213,000 square feet. The boundaries of the Site are fully described in Appendix B: Survey Map, Metes and Bounds.

The elevation of the Site is from 9 feet to 1 foot above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the east. Groundwater at the Site is present under water table conditions at a depth of approximately 5-15 feet below grade. Based on Site specific references, the predominant groundwater flow direction is expected to be west toward the East River, though flow will likely reverse up to 400 feet inland during periods of high tide.

The area surrounding the property is highly urbanized and predominantly consists of commercial, industrial and residential buildings with mixed-use buildings (residential w/ first floor retail) along main corridors / thoroughfares.

An electronic copy of this FER with all supporting documentation is included as Appendix A.

1.3 FORMER SITE USE

Prior to remedial activities, the Site consisted of three buildings and a large open lot used for vehicle storage. The buildings consisted of a 90 ft x 530 ft one-story raised platform, two-sided loading dock and storage building (raised terminal platform building), a 50 ft x 70 ft two-story building formerly used for truck maintenance which included a cellar utilized for the boiler and electrical rooms, and a 25 ft x 50 ft building formerly used for truck repair/maintenance.

Previous owners and operators of the property are shown in the tables below. Information regarding ownership of the property was obtained from online property records maintained by the NYC Department of Finance Office of the City Register under its Automated City Register Information System (ACRIS). Information regarding past operators was obtained from lease agreements, Sanborn Fire Insurance Maps, and from a City Directory Search and internet search of the property address.

Previous Owners

Dates	Name	Comments	Contact Info
Prior to 1/2/1974	All states Terminal Corp.	Deed	11 West Street, Brooklyn, NY 11222
From 1/2/1974 to 12/31/1974	Fifth Terminal Corp.	Deed	725 Church Avenue, Brooklyn, NY 11218
From 12/31/1974 to 1/14/1977	Arbern Realty Co.	Deed	600 Old Country Road, Garden City, NY 11530
From 1/14/1977 to 4/16/2001	NYC Industrial Development Agency	Deed	225 Broadway, New York, NY 10007
From 4/16/2001 4/16/2001	P. Chimento Company, Inc.	Deed	11 West Street, Brooklyn, NY 11222
From 4/16/2001 to 5/14/2002	Consolidated Freightways Corporation of Delaware	Deed	16400 SE CF Way, Vancouver, WA 98683
From 5/14/2002 to 12/23/2002	CFCD 2002 LLC	Deed	16400 SE CF Way, Vancouver, WA 98683
From 12/23/2002 to Present	M&H Realty LLC	Deed	420 9th Avenue, New York, NY 10001

Note: M&H Realty LLC is in no way affiliated with any of the prior owners of the property.

Previous Operators

Dates	Name	Comments	Contact Info
Prior to 1961	Samuel Sneden & Company	Maritime Historic Accounts	Unknown 11 West Street, Brooklyn, NY 11211
From 1861 to sometime between 1916 and 1922	Continental Iron Works	Sanborn Maps Maritime Historic Accounts	Unknown 11 West Street, Brooklyn, NY 11211
From sometime between 1942 and 1951	Lumber Yard	Sanborn Maps	Unknown 11 West Street, Brooklyn, NY 11211
From sometime between 1942 and 1965	Machine Shop and Welding operation	Sanborn Maps	Unknown 11 West Street, Brooklyn, NY 11211
From sometime between 1951 and 1978	Associated Trucking Co.	Sanborn Maps	44 Yale Street Inwood, New York, 11096
1978 to 2002	Consolidated Freightways	Sanborns	16400 SE CF Way, Vancouver, WA 98683
From 2009 to Present	South Portion: Tri-State Lumber & Building Supply North Portion: One Stop L.I.C.	Owners Knowledge	South Portion: 11 West Street, Brooklyn, NY 11211 North Portion: 37-30 Review Avenue, Long Island City, NY

Note: M&H Realty LLC not affiliated with any of the prior operators of the property.

The environmental history of the Site was previously investigated through the review of Federal and State Environmental databases, Environmental Sanborn Fire Insurance maps, NYC Department of Building records and the NYC Department of Finance databases as part of the Phase I Environmental Site Assessment completed in March 2014 by EBC. Additional historic information was obtained through web searches related to the history of the Greenpoint water front.

A history dating back to 1855 was established. According to historic accounts the property was originally occupied in the 1850's by Samuel Sneden & Company, a builder of wooden steamboats and riverboats. In 1859 the company added an iron foundry and related equipment and began to build iron steamships and ferry boats. In 1861the company's name was changed to Continental Iron Works and began to build additional iron products such as iron water pipes and

boilers. In 1862 the company was contracted to build ironclad warships for the US Navy including the Monitor which was launched on January 30th 1862. In total the companies iron boats included 6 ferry boats, 3 steamboats and 9 ironclad gunboats. Following the decline of shipbuilding after the civil war, the company focused on building marine boilers and iron components for gas works.

A review of Sanborn maps shows the Site occupied by the Continental Iron Works in 1887 through 1916. It appears that the property was vacated sometime between 1916 and 1922. The property remained vacant till 1942 when the southeast corner was used by a lumber yard. Sometime between 1942 and 1951 the lumber yard was replaced by a machine shop and welding company which occupied a greater portion of the property. By 1965 the existing buildings were constructed and occupied by Associated Transport. Auto repair shops are identified in the east and west end of the building with a fueling station shown on the north side of the building. Associated Trucking was replaced by Consolidated Freightways in 1978 which occupied the property until the company filed for bankruptcy in 2002.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

The Remedial Action Objectives (RAOs) were identified for the Site as listed in the Decision Document dated November 24, 2015, are as follows:

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.3 Soil Vapor

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 Remedial Action Work Plan prepared by AMC in November 2015 and the Decision Document dated November 24, 2015. The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8.

The following are the components of the selected remedy:

- Excavation of SVOC impacted soil/fill exceeding Protection of Groundwater SCOs from each of the six SVOC hot-spots;
- Collection and analysis of endpoint soil samples from each of the six SVOC hotspots to evaluate the performance of the remedy with respect to attainment of Protection of Groundwater SCOs;
- Excavation/removal of petroleum impacted soil/fill exceeding Restricted Residential and Protection of Groundwater SCOs from the former fueling area hotspot. The former fueling area hotspot excavation was approximately 180 feet long by 60 feet wide and was excavated to a depth of approximately 10 feet below grade;
- Collection and analysis of endpoint soil samples from the former fueling area hotspot to evaluate the performance of the remedy with respect to attainment of Restricted Residential and Protection of Groundwater SCOs;
- Removal of three underground storage tanks (one 5,000-gallon No. 2 fuel oil tank, and two 550-gallon oil tanks previously abandoned in place with water) and collection and analysis of endpoint soil samples to evaluate the performance of the remedy with respect to attainment of Restricted Residential and Protection of Groundwater SCOs;
- Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during all intrusive Site work;
- Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 4 SCOs;
- Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal;
- Dewatering and treatment of petroleum-impacted groundwater before discharging to the NYC sewer system under a NYCDEP sewer discharge permit;
- Import of clean native soil tested to meet Track 2 Residential SCOs to use as a minimum 2ft clean soil cover over a demarcation barrier. Import of the clean native soil was performed in compliance with: (1) chemical limitations and other specifications listed in the RAWP, and (2) all Federal, State, and local rules and regulations for handling and transport of material;

- Import of ¾" clean stone to be used as a sub-base below the asphalt pavement re-applied to cap portions of the Site, and as a structural backfill material below concrete footings installed for foundation of Building C and Building B in compliance with: (1) chemical limitations and other specifications listed in the RAWP, and (2) all Federal, State, and local rules and regulations for handling and transport of material;
- Construction of a site cover system consisting of the following:
  - Area of Future Building/Tower B – Patchwork of existing asphalt, existing concrete, newly applied asphalt pavement with/without a ¾" stone sub-base, and areas of new concrete (minimum of 2 inches thick) installed around steel piles installed for Building B;

    (To be replaced with a concrete slab for Tower B under the SMP)
  - Area of Future Portion of Building/Tower C to be Slab on Grade – A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;

    (To be replaced with a concrete slab for Tower C under the SMP)
  - Area of Future Cellar Building/Tower C to have Cellar - A minimum of 2 inches of newly poured concrete installed across the entire cellar area of Building C and the sloped excavation area along the west side of the excavation;

    (To be replaced with a concrete slab for Tower C under the SMP)
  - Area of Future Tower D to have Cellar – Patchwork of a minimum of 2 inches of asphalt installed after excavation/backfill of the loading dock, and newly applied asphalt pavement with/without a ¾" stone sub-base;

    (To be replaced with a concrete building slab for Tower D under the SMP)
  - Area of Future Roadway and Waterfront Public Access Area (Surcharge Area) – A minimum of 2 feet of clean soil over a demarcation barrier;

    (Under the SMP, trenched excavation will be performed within the surcharge areas to install new utilities. The surcharge areas will then be finished as roadways, sidewalks, and landscaped areas)
  - Pier/Waterfront Public Access Area (Asphalt) - A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;

(To be removed under the SMP and replaced with new walkways and/or landscaped areas)

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

3.0 INTERIM REMEDIAL MEASURES

3.1 INTERIM REMEDIAL MEASURES WORK PLAN (IRM)

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 Former Consolidated Freightways Trucking Terminal site (November 2015). All deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

The Health and Safety Plan for the implementation of remedial actions at the Former Consolidated Freightways Trucking Terminal was included as Attachment B of the Remedial Action Work Plan (RAWP) approved by the NYSDEC.

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Attachment C of the Remedial Action Work Plan (RAWP) approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan(s) (CQAPs) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

The following organizations and key personnel were involved in the implementation of the remedy:

Name	Title	Organization	Responsibilities
Mordy Hecht	Construction Manager	Halcyon Management Group, LLC	Scheduling and oversight of subcontractors and for implementation of the construction program.
Charles Sosik, P.G.	Environmental Project Manager	EBC	Coordination and oversight of day to day field activities, soil disposal, materials importation and UST removal.
Kevin Waters Brett Roberts Emily Wong Thomas Gallo Anthony Balado Jason Gellati Raymond Gallagher	QEP / SSO	EBC	On-Site soil screening, health and safety oversight and air monitoring. Preparation of daily and monthly status reports and updates to the RE.
Ariel Czemerinski P.E.	Remedial Engineer	AMC Engineering	Overall responsibility for implementation of the remedial plan.

All intrusive and soil disturbance activities were monitored by a QEP who recorded observations in the Site field book and kept a photographic log of the daily activities. The QEP provided daily updates to the Environmental Project Manager and Remedial Engineer (RE) who both made periodic visits to the Site as needed to assure construction quality. Soil samples were collected by the QEP who was on-Site daily during all soil disturbance activities. Waste characterization soil sample collection, analysis and frequency were made in accordance with the requirements of the disposal facility (Clean Earth of Carteret, Clean Earth of North Jersey, Clean Earth of Bethlehem, Bayshore Soil Management, LLC). Corrective measures, if required, were to be made in direct consultation with the representative of the selected disposal facility. Project coordination meetings were generally held in the on-Site construction trailer on a weekly basis and supplemented as conditions required. Meeting attendees over the course of the project varied according to need and may have included the following personnel:

- Construction Manager
- QEP/SSO
- Site Foreman / Supervisor
- Architect of Record
- Structural Engineer
- Environmental Project Manager
- Environmental Project Director
- Remedial Engineer

Daily status reports were prepared by the Environmental Project Manager in consultation with the QEP, and distributed to the project contact list via email. Copies of waste manifests, chain of custody documentation and air monitoring reports were placed in appropriately labeled binders which were kept in the job Site trailer. Photographic documentation was performed on a daily basis, included in the daily status reports, and periodically uploaded to the digital project file at the EBC office.

4.1.4 Soil/Materials Management Plan (S/MMP)

A Soil/Materials Management Plan (S/MMP) was included in the RAWP for excavation, handling, storage, transport and disposal of all soils/materials that were disturbed at the Site. The S/MMP provided detailed plans for managing all soils/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included all of the controls that were applied to these efforts to assure effective, nuisance free performance in compliance with all applicable Federal, State and local laws and regulations.

The S/MMP specified the following methods to meet the performance objectives:

- Soil Screening Methods - Visual, olfactory and PID soil screening and assessment was performed by a QEP during all remedial and development excavations into known or potentially contaminated material (Residual Contamination Zone).

- Stockpile Methods - Stockpiles were kept covered at all times with appropriately anchored tarps and inspected daily to ensure the covers were maintained and fugitive dust emissions did not occur. Soil was separated into separate piles based on the soil screening performed by the QEP. The soil pile classifications included non-hazardous historic fill material, petroleum contaminated soil and clean native soil. In-Situ waste characterization soil samples were collected for each of the soil classifications prior to excavation and stockpiling in accordance with the frequency and parameters required by the soil disposal facility and/or NYSDEC DER-10.

- Materials Excavation and Load Out - The QEP under the supervision of the RE was on-Site on a daily basis to oversee all invasive work and the excavation and load-out of all excavated material. Loaded vehicles leaving the Site were appropriately lined, tarped,

securely covered, manifested, and placarded in accordance with appropriate Federal, State and local requirements. A truck pad was located at the egress point of the Site and all outbound trucks were inspected and cleaned, as required to remove loose soils before leaving the Site. The adjacent streets were inspected and cleaned as needed with respect to Site -derived materials.

- Materials Transport Off-Site - All transport of materials was performed by licensed haulers in accordance with appropriate local, State, and Federal regulations. Truck transport routes were determined prior to construction and a map of the route was posted at the egress points of the Site. All trucks loaded with Site materials exited the vicinity of the Site using the approved truck routes. The identified route was selected to limit transport through residential areas and past sensitive sites and comply with City-mapped truck routes.

- Materials Disposal Off-Site - All petroleum impacted soil, and historic fill material was treated as a contaminated and regulated material and was disposed in accordance with all local, State and Federal regulations. Non-hazardous waste manifests were used to track and document the off-Site movement of non-hazardous wastes and petroleum contaminated soils. Hazardous waste manifests were used to track and document the off-Site movement of historic fill material characterized as hazardous for lead - D008. Waste characterization was performed for off-Site disposal in accordance with the requirements of the receiving facility and in conformance with applicable permits. Waste characterization data was provided to the receiving facility and approved in writing by the facility prior to off-Site shipment. A summary of off-Site disposal is provided in Table 2. A summary of waste characterization sampling results is provided in Tables 13 through 20. Hazardous waste manifests are provided in Appendix J (Clean Earth of North Jersey), and non-hazardous waste disposal manifests are provided in Appendix K (Clean Earth of Carteret), Appendix L (Clean Earth of Bethlehem), and Appendix M (Bayshore Soil Management, LLC).

- Fluids Management - Construction wastewater generated from surface runoff was minimized and directed back toward the interior of the Site and the excavation.

- Backfill from Off-Site Sources - Virgin-mined ¾" blue stone was imported to the Site for use as a sub-base below the asphalt pavement re-applied to cap portions of the Site, and as a structural backfill material below concrete footings installed for foundation of Building C and Building B. In accordance with DER-10, this material was exempt from chemical analysis. All materials proposed for import onto the Site were previously approved by the Remedial Engineer and the NYSDEC in accordance with the S/MMP. See Appendix P1 through Appendix P5 for documentation on this material.

  Virgin-mined ¾" blue stone, as well as larger stone (2-½" stone, 18" stone, 3 to 5" stone, 2 to 6" stone, Rip Rap, and 12 to 24" stone) were imported for use as backfill off-Site along the waterfront bulkhead.

  Clean native soil from nine separate sources was imported to the Site to backfill the over excavated raised terminal platform building area, and to create the soil surcharge area across the Site. All materials proposed for import onto the Site were previously approved by the Remedial Engineer and the NYSDEC in accordance with the S/MMP. See Appendix O1 through Appendix O9 for documentation on this material.

- After the completion of soil removal and other invasive remedial activities and prior to backfilling, a land survey was performed by a New York State licensed surveyor. See Figure 3. A land survey was also performed after the demarcation barrier was installed and after the surcharge (clean soil) was installed over the demarcation barrier. See Figure 5.

- Contingency Plan - The contingency plan specified procedures to document and notify the NYSDEC in the event that underground tanks or other previously unidentified contaminant sources were found during on-Site remedial excavation or development related construction. A total of three underground storage tanks were encountered during excavation of the Site. The three tanks included the following:
  - One 5,000-gallon No. 2 fuel oil underground storage tank was removed (Noted as Tank No. HO-1 on the PBS Database under Site No. 2-603899),
  - Two 550-gallon gasoline underground storage tanks previously abandoned in

place with water was removed (Noted as Tank No. 2 and Tank No. 3 on the PBS Database under Site No. 2-603899),

The three underground storage tanks were removed in accordance with tank removal requirements outlined within the RAWP.

- Community Air Monitoring - The S/MMP specified air monitoring during implementation of each component of the Remedial Action to provide a measure of protection for the downwind community from potential airborne contaminant releases as a direct result of investigative or remedial work activities. As described in Section 4.1.6, the project QEP performed daily monitoring around the perimeter of the property for volatile organic compounds and dust particulates. No exceedances in downwind CAMP action levels were recorded during the remedial action that were associated with on-site remedial activities.

Odor, Dust and Nuisance Control - Dust control was accomplished by spraying water on exposed soil surfaces to ensure that perimeter action levels established in the CAMP were not exceeded. No work zone or perimeter action level exceedances were detected, with the exception of those noted above. Nuisance odors were not encountered.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

This document addressed requirements of New York State Storm-Water Management Regulations including physical methods to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water.

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan.

Typical measures that were utilized at various stages of the project to limit the potential for erosion and migration of soil included the use of temporary stabilized construction entrances/exits and dust control measures. Construction entrances were stabilized with a RCA

base and sloped back toward the interior of the lot. Therefore, all stormwater was retained on Site and directed toward the interior of the Site to be pumped into the dewatering system.

4.1.6 Community Air Monitoring Plan (CAMP)

The Community Air Monitoring Plan (CAMP) provided measures for the protection of the surrounding and downwind community (i.e., off-Site receptors including residences, businesses, and on-Site workers not directly involved in the remedial work) from potential airborne contaminant releases resulting from remedial activities. The action levels specified required increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that the remedial work did not spread contamination off-Site through the air. The primary concerns for the Site were VOCs, nuisance odors and dust particulates.

To comply with the requirements of the CAMP, the project QEP performed daily monitoring around the perimeter of the property for volatile organic compounds and dust particulates. CAMP monitoring was performed utilizing CAMP stations which included a DustTrack™ II Aerosol Monitor 8530, and a RAE Systems MiniRAE 3000 photoionization detector. No exceedances in CAMP action levels were recorded during the remedial action. Daily CAMP monitoring data sheets are included in Appendix C.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

The approved Citizen Participation Plan for this project specified the following document repositories for all applicable project documents for the duration of the project:

Brooklyn Public Library
107 Norman Avenue
Brooklyn, New York 11222
Telephone (718) 349-8504

NYSDEC Region 2 Office

Hunter's Point Plaza

47-40 21st Street

Long Island City, NY 11101

(718) 482-4900

Fact sheets notifying the public of project milestones and of the availability of documents for review and comment were sent to the site contact list in accordance with the Citizen Participation requirements of the NYS Brownfield Cleanup Program. Remaining citizen participation elements will include the distribution of a fact sheet to the site contact list when the Certificate of Completion (COC) is issued.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- Halcyon Management Group, LLC
  - General Contractor for the Site
  - Performed all excavation work
  - Supervised, scheduled and coordinated subcontractors
  - Project budgeting
- ABC Tank Repair & Lining, Inc.
  - Underground storage tank cleaning and off-Site disposal
  - Removal of fluid and sludge within the tanks
- Environmental Business Consultants
  - Environmental Consultant
  - Qualified Environmental Professional
  - Perform health and safety and CAMP monitoring
  - Performed soil screening and waste characterization sampling
  - Document remedial program
  - Reporting (Daily, Monthly)
- AMC Engineering
  - Remedial Engineer
  - Performed periodic inspections of work / methods

- Certified Compliance with RAWP and associated plans
- Certified Compliance with FER and associated plans

4.2.2 Site Preparation

The Remedial Action Work Plan was formally approved by the NYSDEC by letter dated November 24, 2015. The New York City Office of Environmental Remediation (OER) issued a Notice of Proceed (NTP) for Tower C to the Brooklyn Borough Commissioner of the NYC Department of Buildings (DOB) on November 30, 2015. The New York City Office of Environmental Remediation (OER) issued a Notice of Proceed (NTP) for Tower B to the Brooklyn Borough Commissioner of the NYC Department of Buildings (DOB) on March 13, 2018. Separate issuance and receipt of the NTP is required before building permits are released by the DOB. Documentation of NYSDEC approvals is included in **Appendix D**. Other non-agency permits relating to the remediation project are provided in **Appendix E**. The following permits were issued for this project.

Appendix E IDs	*Permit*	*Permit Number*	*Originating Agency*	*Issued*	*Expires*
1A	OER Notice to Proceed	OER Project 14EH-N420K	NYC OER	11/30/2015	N/A
1B	OER Notice to Proceed	OER Project 18EH-N314K	NYC OER	03/13/2018	N/A
2	Waterfront Outfall/Intake Structures	NAN-2016-01322	Dept of Army	02/02/2018	02/02/2021
3	Tidal Wetlands	2-6101-01372/00001	NYSDEC	4/26/2017	12/31/2022
4	Water Quality Certification	2-6101-01372/00002	NYSDEC	4/26/2017	12/31/2022
5	Excavation & Fill in Navigable Waters	2-6101-01372/00003	NYSDEC	4/26/2017	12/31/2022
6	Long Island Well	2-6101-01372/00004	NYSDEC	3/9/2018	3/8/2021
7	State Pollution Discharge Elimination System (SPDES)	2-6101-01372/00005	NYSDEC	3/9/2018	3/8/2021
8	PO-Hydrant Permit-Hydrant (POHYD)	814789	NYCDEP	9/11/2017	2/6/2018
9	PO-Hydrant Permit-Hydrant (POHYD)	829323	NYCDEP	2/7/2018	3/21/2018
10	PO-Hydrant Permit-Hydrant (POHYD)	858626	NYCDEP	11/28/2018	4/16/2019
11	PO-Hydrant Permit-Hydrant (POHYD)	834185	NYCDEP	3/27/2018	8/1/2018
12	PO-Hydrant Permit-Hydrant (POHYD)	871502	NYCDEP	4/16/2019	8/21/2019
13	PO-Hydrant Permit-Hydrant (POHYD)	883879	NYCDEP	8/22/2019	12/31/2019
14	PO-Hydrant Permit-Hydrant (POHYD)	847394	NYCDEP	7/26/2018	12/6/2018
15	Concrete work not authorized – Concrete Placement, Formwork, Steel reinforcing not permitted	321691889-01-EW-OT	NYCDOB	8/1/2019	7/5/2020
16	Plumbing	321691889-01-PL	NYCDOB	8/5/2019	8/4/2020
17	Building Operation – Occupancy of sidewalk as stipulated	B02-2019253-A86	NYCDOT	9/10/2019	12/15/2019

18	Building Operation Permit – 0204 - Place equipment other than crane or shov	B02-2019253-A87	NYCDOT	9/10/2019	12/15/2019
19	Building Operation Permit – 0204 – Place Equipment other than crane or shov	B02-2019-253-A88	NYCDOT	9/10/2019	11/1/2019
20	Building Operation – Occupancy of sidewalk as stipulated	B02-2019253-A89	NYCDOT	9/10/2019	12/15/2019
21	Building Operation – 0221 – Temp. Const. Signs/Markings	B02-2019253-A90	NYCDOT	9/10/2019	12/15/2019
22	Building Operation Permit – 0204 - Place equipment other than crane or shov	B02-2019-253-A91	NYCDOT	9/10/2019	12/15/2019
23	Building Operation Permit – 0204 - Place equipment other than crane or shov	B02-2019253-A92	NYCDOT	9/10/2019	11/1/2019
24	Shoreline Improvement Work	20183511	NYCSBS	8/9/2018	10/1/2018
25	Modification to USACE permit # NAN-2016-01322	NAN-2016-01322	Dept of Army	2/2/2018	2/2/2021
26	PO-BLDG PRPS MS Building (POMSC)	880535	NYCDEP	7/17/2019	11/30/2019
27	Concrete work not authorized – Concrete Placement, Formwork, Steel reinforcing not permitted	321628422-01-EW-OT	NYCDOB	7/3/2019	7/2/2020
28	New Building – Proposed nineteen story mixed use building	321231412-01-NB	NYCDOB	7/3/2019	7/2/2020
29	New Building – Construction equipment – Fence Proposed nineteen story mixed use building	321231412-01-EQ-FN	NYCDOB	11/1/2018	11/1/2019
30	Plumbing – New Building Mechanical & Plumbing	321231412-03-PL	NYCDOB	9/5/2019	9/4/2020
31	New Building – Foundation/Earthwork proposed 33 story mixed use	320909996-01-FO	NYCDOB	7/3/2019	7/2/2020
32	Installation of temporary construction fence and fence on barricades	B00027830-I1-FN	NYCDOB	7/10/2019	9/17/2019

All CEQR requirements and all substantive compliance requirements for attainment of applicable permits were achieved during this Remedial Action.

Site preparation began with excavating and capping the sewer lines and water lines in the sidewalks adjacent to the property and erection of a construction fence in preparation for demolition work. A pre-construction meeting was held with the NYSDEC on December 9, 2015, which included the RE, Environmental Project Manager and Field Manager, Construction Manager, GC, and the excavation contractor.

Mobilization for remedial work occurred the following week in December 2015, and included set up of the SWPP protective measures, and the delivery of heavy equipment and jobsite tools. Excavation was completed by September 2019.

4.2.3 General Site Controls

Security of the Site was maintained by a construction fence erected around the perimeter of the Site, and a gates at the front entrance/egress point which was locked at the end of each work day. Job Site record keeping included a daily sign-in sheet, daily air monitoring logs, waste manifests, accident reports, field notes and photographic documentation. All project forms, logs and reciepts were filed on-Site in dedicated binders kept in the construction trailer. Field notes and observations were recorded in a project-dedicated field book which remained on-Site in the construction trailer. Photogaphic documentation was up-loaded on a daily basis to a laptop computer which remained in the possesion of the QEP.

Erosion and sediment controls included a silt fence stapled to the inside of the construction fence, the truck pad located at the exit of the Site, and the truck washing area / stabilized construction entrance located at the exit of the Site. The truck washing area was inspected following useage and storm events and regraded and maintained as needed. The truck washing area / stabilized construction entrance consisted of a bed of recycled concrete aggregate installed over the asphalt of the former parking lot, and a high pressure hose connected to a fire hydrant. The hose was used to wash the tires, sides and underside of each truck before it exited the Site.

Soil screening was performed by the project QEP during excavation of all on-Site soil to identify and delineate the lead hot-spot, potential petroleum contamination, historic fill material and native soil to allow for segregation of soil into appropriate stockpiles for off-Site disposal at the appropriate/designated facilities. Soil stockpiles were covered with appropriately anchored tarps until disposal facility arrangements were made and soil load out occurred. Soil stockpile covers were inspected daily and after each storm event.

4.2.4 Odor, Dust and Nuisance Control Plan

The S/MMP specified that dust would be controlled by wetting the work area and use of RCA roadways. Dust generation was minimal during most excavation work.

The stabilized construction entrance was maintained by regrading and adding RCA as needed to maintain a clean condition. The street and sidewalk areas were inspected following truck

departure and broom swept as needed to maintain a clean condition. Nuisance odors were not observed.

The selected truck route minimized traffic on neighborhood streets, and followed the NYCDOT-approved truck routes. The truck route map was enlarged and mounted at both Site access gates to notify all drivers.

4.2.5 CAMP Results

Air monitoring was performed on a daily basis at the site boundaries and the work zone for dust and VOCs in accordance with the Community Air Monitoring Plan. No exceedances in downwind CAMP action levels were recorded during the remedial action that were associated with on-site remedial activities. However, several CAMP exceedances were reported to the DEC, as described above in Section 4.1.4. Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix C.

4.2.6 Reporting

In accordance with the approved RAWP, daily status reports were prepared and submitted to the NYSDEC and the project team. Daily reports included a listing of contractors, personnel and equipment on-Site, description of activities performed by contractors, CAMP monitoring results, materials imported/exported to/from the Site and planned activities for the following day.

Monthly project status reports were prepared by the EBC Project Manager and distributed to the NYSDEC and project team. Monthly reports included a summary of the activities performed during the month and those anticipated during the next month, a summary of materials transported on to and off the Site during the month, sampling results and delays in the schedule.

All daily reports are included in electronic format in Appendix F and all monthly status reports are included in electronic format in Appendix G. The digital photo log required by the RAWP is included in electronic format in Appendix H.

4.3 CONTAMINATED MATERIALS REMOVAL

Materials removed from the Site during the remediation project included asphalt covering parking areas that required excavation for redevelopment, concrete from the former raised

terminal platform building, foundation walls, footings and structures associated with former buildings, D008 Hazardous Lead soil from a lead hot spot located within the raised terminal platform building (loading dock), non-hazardous soil/fill from the former raised terminal platform building (loading dock), petroleum contaminated soil from the Former Fueling Area Hotspot, historic fill material and native soil for construction of the cellar of new Building C, SVOC impacted soil from six SVOC hotspots, and non-hazardous soil/fill from several areas of the Site to allow for installation of a 2ft clean soil cap.

The Track 4 cleanup included excavation/removal of petroleum impacted soil from the 180 ft by 60 ft Former Fueling Area Hotspot to a depth of 10 feet, and excavation/removal of SVOC impacted soil to depth of 3 feet from each of the six SVOC hotspots to meet Protection of Groundwater SCOs. The implemented remedy included the following:

- Excavation of SVOC impacted soil/fill exceeding Protection of Groundwater SCOs from each of the six SVOC hot-spots;
- Collection and analysis of endpoint soil samples from each of the six SVOC hotspots to evaluate the performance of the remedy with respect to attainment of Protection of Groundwater SCOs;
- Excavation/removal of petroleum impacted soil/fill exceeding Restricted Residential and Protection of Groundwater SCOs from the former fueling area hotspot. The former fueling area hotspot excavation was approximately 180 feet long by 60 feet wide and was excavated to a depth of approximately 10 feet below grade;
- Collection and analysis of endpoint soil samples from the former fueling area hotspot to evaluate the performance of the remedy with respect to attainment of Restricted Residential and Protection of Groundwater SCOs;
- Removal of three underground storage tanks (one 5,000-gallon No. 2 fuel oil tank, and two 550-gallon oil tanks previously abandoned in place with water) and collection and analysis of endpoint soil samples to evaluate the performance of the remedy with respect to attainment of Restricted Residential and Protection of Groundwater SCOs;
- Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during all intrusive Site work;

- Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 4 SCOs;
- Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal;
- Dewatering and treatment of petroleum-impacted groundwater before discharging to the NYC sewer system under a NYCDEP sewer discharge permit;
- Import of clean native soil tested to meet Track 2 Residential SCOs and Protection of Groundwater SCOs to backfill the cellar of the former 2-story building's cellar, backfill the SVOC hotspots and Former Fueling Area Hotspot, and to use as a minimum 2ft clean soil cover over a demarcation barrier. Import of the clean native soil was performed in compliance with: (1) chemical limitations and other specifications listed in the RAWP, and (2) all Federal, State, and local rules and regulations for handling and transport of material;
- Construction of a site cover system consisting of the following:
  - Area of Future Building/Tower B – Patchwork of existing asphalt, existing concrete, newly applied asphalt pavement with/without a ¾" stone sub-base, and areas of new concrete (minimum of 2 inches thick) installed around steel piles installed for Building B;

    (To be replaced with a concrete slab for Tower B under the SMP)
  - Area of Future Portion of Building/Tower C to be Slab on Grade – A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;

    (To be replaced with a concrete slab for Tower C under the SMP)
  - Area of Future Cellar Building/Tower C to have Cellar - A minimum of 2 inches of newly poured concrete installed across the entire cellar area of Building C and the sloped excavation area along the west side of the excavation;

    (To be replaced with a concrete slab for Tower C under the SMP)
  - Area of Future Tower D to have Cellar – Patchwork of a minimum of 2 inches of asphalt installed after excavation/backfill of the loading dock, and newly applied asphalt pavement with/without a ¾" stone sub-base;

    (To be replaced with a concrete building slab for Tower D under the SMP)

- Area of Future Roadway and Waterfront Public Access Area (Surcharge Area) – A minimum of 2 feet of clean soil over a demarcation barrier;

  (Under the SMP, trenched excavation will be performed within the surcharge areas to install new utilities. The surcharge areas will then be finished as roadways, sidewalks, and landscaped areas)
- Pier/Waterfront Public Access Area (Asphalt) - A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;

  (To be removed under the SMP and replaced with new walkways and/or landscaped areas)

- Import of ¾" clean stone to be used as a sub-base below the asphalt pavement re-applied to cap portions of the Site, and as a structural backfill material below concrete footings installed for foundation of Building C and Building B in compliance with: (1) chemical limitations and other specifications listed in the RAWP, and (2) all Federal, State, and local rules and regulations for handling and transport of material;
- Implementation of a Site Management Plan (SMP) to ensure maintenance of the Engineering Controls; and
- Recording of an Environmental Easement against the Site to ensure implementation of the SMP.

A list of the Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted Residential SCOs, Protection of Groundwater SCOs, and Commercial SCOs for the contaminants of concern for this project is provided as Table 1. A figure (final excavation survey) depicting the location of original sources and areas where excavations were performed is provided as Figure 3.

Work at the Site began in December 2015, and consisted of the installation four pilings and the collection of waste characterization soil samples from the former terminal platform building (loading dock). June 6, 2016, began the delivery of clean native soil from other redevelopment projects to backfill the former 2-story building's cellar. A truck wash and truck pad were installed. In November of 2016, test piles were installed to provide information necessary to design the foundations of the new buildings. Excavation/removal of the raised terminal platform building (loading dock) began in March 2017.

4.3.1 Waste Characterization Sampling

4.3.1.1 Loading Dock and SV3, SV4, and SV5 Waste Characterization Sampling (12/2015)

In order to collect waste characterization soil samples from the soil/fill that required excavation/removal from the raised terminal platform building and three of the SVOC Hotspots (HS3, HS4, and HS5), EBC divided the area of the raised terminal platform building into 8 equal grid sections (Grid Sections A through H). Four soil borings were performed within each of the 8 grid sections to a depth of 5 feet below grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. From the four soil borings performed within each grid section, EBC formed one 5-point composite waste characterization soil sample representing soil/fill from 0 to 5 feet below grade. In addition, EBC retained two grab soil samples from each grid section for laboratory analysis of VOCs. Each of the composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Carteret approved all of the soil/fill to be excavated from Grid Sections A through H from the former raised terminal platform building. Clean Earth of Carteret (CEC) is located in Carteret, NJ. The CEC facility (ID# 13231) is a Class B Recycling Center operating under permit No. CBG060003 issued by the New Jersey Department of Environmental Protection (NJDEP). A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEC is included in Appendix K.

Supplemental Waste Characterization of Grid Sections A and B

Following excavation and off-Site disposal of soil/fill from Grid Sections C through H, Clean Earth of Carteret requested the collection and laboratory analysis of four additional waste characterization soil samples to obtain disposal approval of the remaining soil/fill from Grid Sections A and B. In order to collect the four additional waste characterization samples, Grid Sections A and B were both divided into two sections (A1, A2, B1, and B2). On March 28, 2017, EBC formed 5-point composite waste characterization soil samples from test pits representing 0 to 5 feet below grade within grid sections A, A2, B1 and B2. In addition, EBC retained a grab

soil sample from each grid section for laboratory analysis of VOCs. Each of the composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics. The laboratory results of waste characterization soil samples noted a TCLP lead concentration greater than the EPA TCLP Regulatory Levels. Delineation soil sampling performed in April and May of 2018, limited the D008 Hazardous Lead soil/fill area to a portion of the A2 grid section and a small area that extended into the northwest corner of the B1 grid section.

Disposal Facility Approvals

Based on the waste characterization soil samples, Clean Earth of North Jersey accepted D008 Hazardous Lead soil/fill from Grid Sections A1, A2, and B1. Clean Earth of North Jersey is located at 115 Jacobus Avenue, Kearny, NJ 07032. The facility is a RCRA Part B permitted transfer, storage and disposal facility (TSDF) that accepts hazardous and industrial waste under New Jersey Permit No. NJD991291105. A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CENJ is included in Appendix J. The non-hazardous soil/fill located outside of the area designated as the D008 Hazardous Lead soil/fill hotspot, as approved for transport to Bayshore Soil Management, LLC. (Bayshore) is located at 75 Crows Mill Road, Keasbey, NJ. Bayshore Soil Management, LLC is registered as a NJDEP Recycling Center for Class B Materials, including petroleum contaminated soil (Permit No. CBG110004). A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by Bayshore is included in Appendix M.

4.3.1.2 Former Fueling Area Hotspot Waste Characterization Sampling (12/2015)

Initial Waste Characterization Sampling Event – January 19, 2017

On January 19, 2017, EBC performed three soil borings within the Former Fueling Area to a depth of 5 feet below grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. The location of the Former Fueling Area Hotspot and each of the three soil borings is shown on waste characterization sampling figure attached to the formal soil disposal request letter included in Appendix K. From the three soil borings, EBC formed one 6-point composite waste characterization soil sample representing 0 to 5 feet below grade and

one 5-point composite waste characterization soil sample representing the interval 5 to 10 feet below grade. In addition, EBC retained one worst case grab soil sample for laboratory analysis of VOCs and TPH from the 0 to 5 and 5 to 10 ft intervals. Both of the 6-pt composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics.

Delineation Soil Sampling Event – January 27, 2017

Based on delineation soil sampling performed on January 19, 2017, it was determined that the Fuel Area – FA hotspot was larger than originally proposed. Therefore, on January 27, 2017, EBC performed an additional nine soil borings (FA10, FA11, FA13, F14, and FA16 to FA20) to determine the horizontal and vertical extent of the petroleum contamination. One soil sample was collected from each of the nine soil borings from the intervals 6 to 8 ft below grade or 8 to 10 ft below grade. The nine soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of VOCs and SVOCs.

Final Waste Characterization Sampling Event – May 2, 2017

Based on the delineation soil sampling events performed in January 2017, it was determined that the Former Fueling Hotspot area was approximately 70 ft by 200 ft and approximately 10 feet deep. EBC divided the Former Fueling Hotspot area into 5 equal grid sections (FA1, FA2, FA3, FA4, and FA5). On May 2, 2017, EBC performed 5 soil borings within each of the five grid sections. From the five soil borings performed within each grid section, EBC formed one 5-point composite soil representing the interval 0 to 5 feet below grade, and one 5-point composite waste characterization soil sample representing the interval 5 to 10 feet below grade. In addition, EBC retained one worst case grab sample from each interval for laboratory analysis of VOCs.

The ten 5-point composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Carteret approved all of the soil/fill to be excavated from the Former Fueling Area Hotspot. Clean Earth of Carteret (CEC) is located in Carteret, NJ. The CEC facility (ID# 13231) is a Class B Recycling Center operating under permit No. CBG060003 issued by the New Jersey Department of Environmental Protection (NJDEP). A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEC is included in Appendix K.

4.3.1.3 SVOC Hotspots HS1, HS2, HS6 - Waste Characterization Sampling (1/2017)

On January 19, 2017, EBC performed one soil boring within each of the three small SVOC hotspots to a depth of 3 feet below grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. The location of the HS1, HS2, and HS6 SVOC Hotspots and the three soil borings is shown on waste characterization sampling figure attached to the formal soil disposal request letter included in Appendix K. From the soil recovered from each soil boring, EBC formed a 5-point composite waste characterization soil sample representative of the soil/fill to be excavated from the hotspot. In addition, EBC retained one worst case grab soil sample for laboratory analysis of VOCs. The three grab soil samples and the three 5-point composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, CEC approved all of the soil/fill to be excavated from the HS1, HS2, and HS6 SVOC Hotspots. A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEC is included in Appendix K.

4.3.1.4 Building C Cellar Excavation - Waste Characterization Sampling (1/2017)

In order to collect waste characterization soil samples that were representative of the soil to be excavated for the cellar level of Building C, the area was divided into 3 colored grid sections (Red, Blue, and Yellow). Within each of the 3 grid sections, five soil borings were performed to

a depth of 16 feet below grade using a track-mounted Geoprobe Model 7822DT with a 5 ft long steel macro-core sampler with disposable acetate liners. From the five soil borings performed within in Red, Blue and Yellow grid sections, EBC formed 5-point composite soil samples representing the intervals 0 to 2 feet below grade, 2 to 4 feet below grade, 4 to 8 feet below grade, 8 to 12 feet below grade, and 12 to 16 feet below grade. In addition, EBC retained one worst case grab soil sample for laboratory analysis of VOCs. The grid sections and the soil borings performed within each grid section, is shown on waste characterization sampling figure attached to the formal soil disposal request letter included in Appendix L. The 15 grab soil samples and the fifteen 5-point composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, RCRA metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Bethlehem approved all of the soil/fill to be excavated for the cellar of Building C. Clean Earth of Bethlehem (CEB) is located at 3000 Commerce Center Boulevard, Bethlehem, Pennsylvania 18015. The CEB facility is a beneficial use site permitted to accept Regulated Fill under PADEP General Permit No. WMGR096-NE004. A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEB is included in Appendix L.

4.3.1.5 Stormwater Sewer Connection Trench - Waste Characterization Sampling (8/2019)

1st Soil Stockpile

In early August 2019, soil/fill was excavated from a trench beginning at the West Street sidewalk and extending approximately 150 feet into the Site. A stockpile of soil/fill approximately 185 cubic yards in size was generated by excavating the trench. On August 13, 2019, EBC collected five grab soil samples from the stockpile to form one 5-point composite soil sample. One of the grab soil samples was retained for laboratory analysis of VOCs. The 5-point composite soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, EPH, TAL metals, and RCRA characteristics.

2nd Soil Stockpile

A second stockpile approximately 325 cubic yards in size was generated as the stormwater sewer connection trench expanded to the west. On August 13, 2019, EBC collected five grab soil samples from the stockpile to form one 5-point composite soil sample. One of the grab soil samples was retained for laboratory analysis of VOCs. The 5-point composite soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, TCLP metals, EPH, TAL metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Bethlehem approved soil/fill from the both the 1st and 2nd soil stockpiles generated by excavating for the stormwater connection. A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEB is included in Appendix L.

4.3.1.6 Soil Removal to Install 2ft Clean Soil Cap - Waste Characterization Sampling

C4/D4 Boundary

On August 18, 2019, an approximate 80 ft by 80 ft area was excavated at the boundary of the C4/D4 grid sections to the southern property line to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. The daily status report and labeling for the sample incorrectly identify the area as Grid Section D3. Soil/fill excavated from the 0 to 2 ft interval was stockpiled in one stockpile, and the soil excavated from the 2 to 3 ft interval was stockpiled as a second stockpile.

On August 24, 2019, EBC collected five grab soil samples from the 0 to 2ft soil stockpile, and five grab soil samples from the 2 to 3 ft soil stockpile. EBC formed a 5-point composite soil sample representative for each of the stockpiles using the grab soil samples. One of the grab soil samples from each stockpile was retained for laboratory analysis of VOCs. The 5-point composite soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, herbicides, TCLP metals, EPH, TAL metals, and RCRA characteristics.

B4

On July 5, 2018, the top 1 to 2 feet of soil/fill was excavated from two adjacent areas within the B4 grid section to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. A stockpile estimated to be approximately 400 cubic yards was generated.

On July 5, 2019, EBC collected formed a 5-point composite soil sample representative of the soil stockpile and retained a grab soil sample for laboratory analysis of VOCs. The 5-point composite soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, herbicides, TCLP metals, EPH, TAL metals, and RCRA characteristics.

E2/West Street Boundary

On August 20, 2019, an approximate 65 ft by 90 ft area was excavated to a depth ranging from approximately 2 at the West Street property line to approximately 0.5 feet on the western end of the excavation. The excavation was performed within the E2 grid section to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. Soil/fill excavated the area was stockpiled.

On August 24, 2019, EBC collected five grab soil samples from the stockpile and formed a 5-point composite soil sample representative of the stockpile using the grab soil samples. One of the grab soil samples was retained for laboratory analysis of VOCs. The 5-point composite soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, PCBs, herbicides, TCLP metals, EPH, TAL metals, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Cartert approved soil/fill from all three soil stockpiles generated by removing soil from Grid Section E2 and the boundary of the C4/D4 grid sections, and the stockpile generated by excavating within Grid Section B4. A copy of the formal soil disposal request letter/emails prepared by EBC, and a copy of the formal soil disposal acceptance letter prepared by CEC is included in Appendix K.

4.3.1.7 Waterfront/Shoreline - Waste Characterization Sampling (8/2019)

Onsite Waterfront - SB Comp (0-5) and SB Comp (5-10)

On August 17, 2018, EBC performed five soil borings within the on-Site portion of the waterfront that required excavation to construct the shoreline bulkhead along the west side of the Site. Each of the five soil borings were performed to a depth of 10 feet below grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. The proposed excavation location for the shoreline bulkhead and each of the five soil borings is shown on waste characterization sampling figure attached to the formal soil disposal request letter included in Appendix K. From the five soil borings, EBC formed one 5-point composite waste characterization soil sample representing 0 to 5 feet below grade and one 5-point composite waste characterization soil sample representing the interval 5 to 10 feet below grade. In addition, EBC retained one worst case grab soil sample for laboratory analysis of VOCs from the 0 to 5 and 5 to 10 ft intervals. Both of the 5-point composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, herbicides, PCBs, TCLP metals, RCRA metals, EPH, and RCRA characteristics.

Off-Site – Shorefront Comp

On August 17, 2018, five test pits were excavated off-Site in the area that required excavation to construct the shoreline bulkhead along the west side of the Site. Each of the test pits were performed to a depth of 10 feet below grade. The proposed excavation location for the shoreline bulkhead and each of the five test pits is shown on waste characterization sampling figure attached to the formal soil disposal request letter included in Appendix K. From the five test pits, EBC formed one 5-point composite waste characterization soil sample representing the soil/fill that required removal. In addition, EBC retained one worst case grab soil sample for laboratory analysis of VOCs. The 5-point composite waste characterization soil sample was collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, herbicides, PCBs, TCLP metals, RCRA metals, EPH, and RCRA characteristics.

Northern Shoreline On/Off-Site – Waterfront North/Shoreline North

Following excavation and off-Site disposal of soil/fill from Grid Sections C through H, Clean Earth of Carteret requested the collection and laboratory analysis of four additional waste characterization soil samples to obtain disposal approval of the remaining soil/fill from Grid Sections A and B. On August 29, 2018, several test pits were excavated within the on-Site and off-Site portion of the northern end of the shoreline that required excavation to construct the shoreline bulkhead along the west side of the Site. From the test pits, EBC formed two 5-point composite waste characterization soil samples representing the soil/fill that required removal. In addition, EBC retained two worst case grab soil samples for laboratory analysis of VOCs. The 5-point composite waste characterization soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of SVOCs, pesticides, herbicides, PCBs, TCLP metals, RCRA metals, EPH, and RCRA characteristics.

Disposal Facility Approvals

Based on the laboratory results of the waste characterization soil samples, Clean Earth of Carteret and Bayshore Soil Management, LLC approved soil/fill to be excavated for the shoreline bulkhead. A copy of the formal soil disposal request letter prepared by EBC, and a copy of the formal soil disposal acceptance letters prepared by CEC and Bayshore Soil Management, LLC are included in Appendix K and Appendix M.

4.3.1.8 Waste Characterization Summary

A summary of the waste characterization soil sampling performed at the Site is provided as Table 3. A copy of each of the laboratory reports for the lead delineation sampling and waste characterization soil sampling are attached to the soil disposal request letters prepared for each disposal facility (Appendix J, Appendix K, Appendix L, Appendix M) and the results are summarized and compared to Unrestricted Use SCOs, Restricted Residential Use SCOs, and EPA TCLP Regulatory Levels on Tables 16 and 17.

4.3.2 Excavation and Disposal of Lead Hot Spot

Excavation of the D008 Hazardous Lead soil from the lead hotspot within the raised terminal platform building was performed on July 10, 2017, and July 11, 2017. All D008 Hazardous Lead

soil/fill excavation and truck loading was performed by the excavation contractor using a track mounted excavator. The D008 Hazardous Lead soil/fill was loaded into 10-wheel dump trucks provided by Clean Earth and transported as D008 Hazardous Lead soil to Clean Earth of North Jersey.

4.3.2.1 Disposal Details – Lead Hot Spot – D008 Hazardous Waste

A total of 542.87 tons of D008 Hazardous Lead soil was excavated from the lead hotspot areas and loaded into NYSDEC Part 364 Waste Transporter Permitted 10-wheel dump trucks dispatched by Clean Earth to Clean Earth of North Jersey. Clean Earth of North Jersey is located at 115 Jacobus Avenue, Kearny, NJ 07032. The facility is a RCRA Part B permitted transfer, storage and disposal facility (TSDF) that accepts hazardous and industrial waste under New Jersey Permit No. NJD991291105. Hazardous disposal manifests and associated scale tickets for each truck load are provided as a digital file in Appendix J. A summary of the waste streams and their destination is provided in Table 2.

4.3.3 Removal of Construction and Demolition Debris

Prior to remedial activities, the Site consisted of a cap consisting of asphalt and/or concrete that covered most of the lot. The concrete and asphalt was removed where excavation of underlying soil was required (hotspots, Building B, and Building C, areas to be capped with 2 ft of clean soil), and where installation of soil surcharge was required. Concrete footings, walls, and foundations encountered during excavation were segregated from the soil/fill and stockpiled. The scraped up asphalt and pieces of concrete were loaded into 10-wheel dump trucks using a track mounted excavator, and transported as construction and demolition debris to either P Park NJ, LLC located in Prospect, New Jersey, or Faztec Industries located in Staten Island, New York.

4.3.3.1 Disposal Details – Faztec

In March and April of 2017, the former raised terminal platform building was demolished and the concrete was broken into pieces for off-Site disposal. From March 20, 2017, to April 4, 2017, a total of 101 truckloads of concrete was transported to Faztec Industries located at 200-220 Bloomfield Avenue in Staten Island, New York 10314. Faztec Industries is a NYSDEC Active Registered Construction and Demolition Debris Processing Facility (360 Permit Number 43W047) permitted to accept uncontaminated concrete, brick and soil. A copy of a print out from

the NYSDEC website of permitted construction and demolition debris processing facilities listing Faztech Industries as Active/Registered is included in Appendix N. The asphalt and concrete was transported by Castomarc Express LLC. A truck ticket for each of the loads of concrete is attached in Appendix N.

On June 10, 2019, EBC forwarded a formal disposal request letter to Faztec Industries requesting approval to transport asphalt and underlying 1" stone from the Site to the Faztec Industries facility. A copy of the request letter is included in Appendix N. From April 4, 2017, to September 12, 2019, a total of 145 truckloads of asphalt and/or concrete were transported to Faztec Industries located at 200-220 Bloomfield Avenue in Staten Island, New York 10314. Faztec Industries is a NYSDEC Active Registered Construction and Demolition Debris Processing Facility (360 Permit Number 43W047) permitted to accept uncontaminated concrete, brick and soil. A copy of a print out from the NYSDEC website of permitted construction and demolition debris processing facilities listing Faztech Industries as Active/Registered is included in Appendix N. The asphalt and concrete was transported by Castomarc Express LLC. A truck ticket for each of the loads of concrete is attached in Appendix N.

4.3.3.2 Disposal Details – PPark, NJ LLC

On June 10, 2019, EBC forwarded a formal disposal request letter to P Park NJ, LLC requesting approval to transport pieces of concrete from the Site to the P Park NJ, LLC facility. P Park NJ, LLC issued a formal approval letter on June 11, 2019. A copy of the request letter and approval letter is included in Appendix N. From August 26, 2019, to August 12, 2019, a total of 15 truckloads of concrete were transported to P Park NJ, LLC located at 100 Plantan Avenue in Prospect Park, New Jersey, 07508. P Park NJ, LLC is a New Jersey Department of Environmental Protection licensed Class B Facility permitted for the acceptance and processing of concrete, brick, and block for recycling. A copy of a print out from the NYSDEC website of permitted construction and demolition debris processing facilities listing Faztech Industries as Active/Registered is included in Appendix N. The asphalt and concrete was transported by Castomarc Express LLC. A truck ticket for each of the loads of concrete is attached in Appendix N.

4.3.4 Excavation and Disposal of Non-Hazardous Contaminated Soil/Fill

Historic fill material and petroleum contaminated soil that required excavation and off-Site disposal was removed from the Site in accordance with the procedures outlined under the approved Remedial Action Work Plan. In accordance with the approved RAWP, a truck wash was installed to allow for trucks to enter and exit from West Street. Two laborers inspected each truck before it exited, and used a power washer and/or hose to remove any remaining soil stuck to the wheels and undercarriage of each truck. In addition, the laborers periodically swept the street and the site ingress/egress. All soil/fill excavation and truck loading was performed by the excavation contractor (Empire Construction) using one or more track mounted excavators.

4.3.4.1 Former Fueling Area Hotspot

An excavator was used to scrape up and stockpile the asphalt and concrete covering the area of the former Fueling Area Hotspot beginning on September 12, 2017. Installation of the 2 inch diameter dewatering wells around the perimeter and through the center of the former Fueling Area Hotspot began on September 18, 2017. Excavation of the Former Fueling Area Hotspot was performed in November and December 2017. All soil/fill excavated from the Former Fueling Area Hotspot was loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret from October 26, 2017, to December 12, 2017.

Following excavation of the 70 ft by 200 ft hotspot to a depth of approximately 10 feet, endpoint soil samples were collected from the base and sidewalls of the excavation. The laboratory results of the endpoint soil samples collected from the base and sidewalls indicated remaining soil met Protection of Groundwater SCOs. Following DEC approval to backfill each completed section, a demarcation barrier was installed, and each section was backfilled with clean native soil meeting Unrestricted Use SCOs and Protection of Groundwater SCOs. However, Grid Sections FA3 and FA4 were backfilled with on-Site soil that met Restricted Residential SCOs and Protection of Groundwater SCOs. The soil/fill used to backfill the two grid sections originated from Grid Sections FA1, FA2, and FA5 from 0 to 5 feet below grade. Reuse is described below in section 4.3.6. The excavation elevation and area of the Former Fueling Area Hotspot is shown on the on the excavation survey (Figure 3).

4.3.4.2 SVOC Hotspots

The RAWP identified six SVOC hotspot areas with elevated concentrations of SVOCs related to fill materials in the vicinity of soil borings B4, B6, B17, B19, B32 and B34. Excavation of each hotspot is described below:

SVOC Hotspot 1 (B17)

A 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring B17 (identified as SVOC Hotspot 1). Based on endpoint and delineation soil sample results, the excavation was expanded to the east (19ft from the B17 boring location), north and south (10ft from the B17 boring location), and west (12ft from the B17 boring location). The location of the SVOC Hotspot 1 excavation is shown on Figure 3.

SVOC Hotspot 2 (B19)

A 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring B19 (identified as SVOC Hotspot 2). The location of the SVOC Hotspot 2 excavation is shown on Figure 3.

SVOC Hotspot 3 (B6)

Following removal of the raised terminal platform building and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B6 (identified as SVOC Hotspot 3). Based on endpoint soil sample results, the resulting excavation was 11 ft by 11 ft and 4 ft deep. The location of the SVOC Hotspot 3 excavation is shown on Figure 3.

SVOC Hotspot 4 (B32)

Following removal of the loading bay building slab and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B32 (identified as SVOC Hotspot 4). Based on endpoint soil sample results, the north sidewall of the excavation was expanded 1 ft to the north. The location of the SVOC Hotspot 4 excavation is shown on Figure 3.

SVOC Hotspot 5 (B34)

Following removal of the loading bay building slab and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B34 (identified as SVOC Hotspot 5). The location of the SVOC Hotspot 1 excavation is shown on Figure 3.

SVOC Hotspot 6 (B4)

A 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring B4 (identified as SVOC Hotspot 6). Based on endpoint soil sample results, the west and south sidewalls of the excavation were expanded 1 ft in both directions, and the east sidewall was expanded 2 ft to the east. In addition, the entire excavation was performed to a depth of 4 t. The location of the SVOC Hotspot 4 excavation is shown on Figure 3.

Soil/fill excavated from each of the SVOC hotspots was loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret. The excavation elevation and area of each of the six SVOC hotspots is depicted on the excavation survey (Figure 3).

4.3.4.3 Stormwater Sewer Connection Trench Excavation

In order to install a stormwater sewer connection, a 5ft wide trench was excavated within several portions of the Site. In areas where the trench was excavated with the soil surcharage area, the clean native soil was stockpiled for later reuse, and soil below the demarcation barrier was stockpiled on/under plastic sheeting to await waste characterization soil sampling to allow for off-Site disposal. If the trench was performed outside of the surcharge area, all soil/fill excavated for the trench was stockpiled with the other soil/fill. The locations/depths where the trench excavation was performed is shown on the excavation survey (Figure 3).

Soil/fill from the two stockpiles generated by excavating the trenches was loaded into 10-wheel dump trucks for transport to Clean Earth of Bethlehem from August 26, 2019, to September 10, 2019.

4.3.4.4 Building C Cellar Excavation

The 100 ft by 60 ft cellar area of Building C was excavated to a depth of approximately 12 feet below grade. Additional deeper excavation was performed as necessary for footings, pile caps,

and elevator pits. The excavation location/depths for the cellar for Building C is shown on the excavation survey (Figure 3).

Soil/fill from the Red Grid Section from the interval 0 to 2 feet below grade was loaded into 10-wheel dump trucks for transport to Bayshore Soil Management, LLC from July 23, 2019, to July 30, 2019. Soil/fill excavated from all of the other grid sections and depths was loaded into 10-wheel dump trucks for transport to Clean Earth of Bethlehem from July 9, 2019, to September 10, 2019.

4.3.4.5 Excavation Required to Install 2ft Clean Soil Cap

C4/D4 Boundary

On August 18, 2019, an approximate 80 ft by 80 ft area was excavated at the boundary of the C4/D4 grid sections to the southern property line to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. The daily status report and labeling for the sample incorrectly identify the area as Grid Section D3. Soil/fill excavated from the 0 to 2 ft interval was stockpiled in one stockpile, and the soil excavated from the 2 to 3 ft interval was stockpiled as a second stockpile. Excavation at the boundary of the C4/D4 grid sections is depicted on the excavation survey (Figure 3).

E2/West Street Boundary

On August 20, 2019, an approximate 65 ft by 90 ft area was excavated to a depth ranging from approximately 2ft at the West Street property line to approximately 0.5 feet on the western end of the excavation. The excavation was performed within the E2 grid section to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. Soil/fill excavated the area was stockpiled. All soil/fill from the E2 0 to 2ft stockpile and soil/fill from the C4/D4 0 to 2ft soil stockpiles were loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret on June 22, 2018, and June 25, 2018. All soil/fill from the E2 2 to 3ft stockpile was loaded into 10-wheel dump trucks for transport to Bayshore Soil Management, LLC on June 22, 2018, and June 25, 2018. Excavation/removal of the top 0.5ft to 2 ft of soil/fill within the E2 grid section is depicted on the excavation survey (Figure 3).

B4

On July 5, 2018, the top 1 to 2 feet of soil/fill was excavated from two adjacent areas within the B4 grid section to allow for installation of a cap consisting of a demarcation barrier and 2 feet of clean soil. A stockpile estimated to be approximately 400 cubic yards was generated. All soil/fill from the B4 0 to 2ft stockpile was loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret from August 1, 2018, to August 8, 2018. Excavation/removal of the top 1 to 2 feet of soil/fill within the B4 grid section up is depicted on the excavation survey (Figure 3).

4.3.4.6 Excavation of Former Raised Terminal Platform Building (Loading Dock)

The former raised terminal platform was raised approximately 3 to 4 feet above the rest of the Site. Following removal of the concrete slab covering the platform, soil/fill was encountered. Excavation of the soil/fill contained within the concrete forms of the former raised terminal platform building area began on March 20, 2017. Excavation began on the east side of the former raised terminal platform and continued west. All soil/fill was removed to a depth of approximately 0.5 to 1 ft below the finished grade around the platform. Soil/fill contained within the platform within Grid Sections C through H was live loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret. Additional waste characterization soil samples were requested from Clean Earth of Carteret from Grid Sections A and B to satisfy the facility sampling frequency requirement. Due a TCLP lead concentration greater than 5.0 mg/L within one of the additional waste characterization soil samples, a portion of the A and B grid sections required handing/disposal as D008 Hazardous Lead soil/fill. The D008 Hazardous Lead soil/fill was live loaded into 10-wheel dump trucks for transport to Clean Earth of North Jersey on July 10, 2017, and July 11, 2017. The soil/fill excavated from the areas delineated as non-hazardous soil/fill within grid sections A and B was live loaded into 10-wheel dump trucks for transport to Bayshore Soil Management, LLC on May 10, 2017. The area of the former platform is shown on the excavation diagram (Figure 3). Following excavation of the three SVOC hotspots within the same former raised terminal platform building area, the SVOC hotspots and platform area was backfilled with clean native soil. A 2 to 4 inch layer of ¾" bluestone from NY Sand & Stone was installed, and then the area of the platform was capped with a new 2 inch minimum layer of asphalt. The area of the raised terminal platform is depicted on the on the excavation survey (Figure 3).

4.3.4.7 Shoreline Bulkhead

Excavation of shoreline area began on August 21, 2018, and consisted of the removal of soil/fill and concrete and rocks to a depth of approximately 8 feet below grade. From October 10, 2018, to March 4, 2019, soil/fill excavated from the shoreline area was loaded into 10-wheel dump trucks for transport to Clean Earth of Carteret. From September 7, 2018, to January 31, 2019, soil/fill excavated from the shoreline area was loaded into 10-wheel dump trucks for transport to Bayshore Soil Management, LLC. Metal pilings were installed along the shorefront, and a concrete bulkhead/pier was constructed along the property line. Virgin mined stone was imported to backfill both the on-Site and off-Site areas in front and behind of the bulkhead/pier, and the on-Site area has been capped with asphalt. The excavation location/depths for installation of the concrete bulkhead/pier is shown on the excavation survey (Figure 3).

4.3.4.8 Disposal Details – Non-Hazardous Contaminated Soil/Fill

A total of 44,809.80 tons of historic fill/soil petroleum contaminated soil was excavated from the Former Fueling Area Hotspot, the six SVOC hotspots, the raised terminal platform building area, trench for the stormwater sewer connection, cellar of Building C, and areas that required excavation to install a 2ft clean soil layer, and loaded into NYSDEC Part 364 Waste Transporter Permitted 10-wheel dump trucks dispatched by Clean Earth as non-hazardous waste at either Clean Earth of Carteret, Clean Earth of Bethlehem, or Bayshore Soil Management, LLC. Formal soil disposal request letters, soil disposal acceptance letters, facility permits, and non-hazardous manifests for each facility are included in Appendix K (CEC), Appendix L (CEB), Appendix M (Bayshore). A summary of the waste streams and their destination is provided in Table 2.

4.3.5 Underground Storage Tank Removal

A total of three underground storage tanks were encountered at the Site during excavation. Each of the tanks was removed from the ground by the excavation contractor and cut and cleaned by ABC Tank Repair & Lining, Inc. (ABC). A description of each is provided below.

4.3.5.1 5,000-gallon No. 2 Fuel Oil Underground Storage Tank

On July 11, 2017, one 5,000-gallon No. 2 fuel oil underground storage tank (Noted as Tank No. HO-1 on the PBS Database) was encountered near West Street in the location of the former loading bay building. The location of the tank is shown on Figure 3. The tank was found to have

been previously abandoned in place with concrete (half filled). On July 12, 2017, the steel tank was cut into numerous small pieces and the concrete contained within the tank was broken into pieces small enough to load into a truck using an excavator mounted demolition hammer. The steel tank pieces were transported to a local metal recycling facility for proper off-Site disposal.

The excavation contractor excavated two test pits within the base of the tank excavation to a depth of 3 feet below the bottom of the tanks. EBC field screened soil recovered from the tank excavation. No stained soil, or olfactory evidence of a spill/leak was observed and no photo-ionization detector readings above background concentrations were reported.

EBC collected five endpoint verification soil samples from the tank grave. The endpoint soil samples consisted of one bottom soil samples (UST 1B), and four sidewall soil samples collected from the base of the excavation (UST1W, UST1E, UST1N, UST1S). The tank endpoint soil samples were collected in laboratory supplied containers, transferred to a cooler with ice and transported under chain-of-custody protocol to Phoenix Environmental Laboratories, Inc. (Phoenix) in Manchester, Connecticut. The soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 (CP51 List) and semi-volatile organic compounds (SVOCs) via EPA Method 8270 (CP51 List). A copy of the laboratory report is included in Appendix I. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs and Restricted Residential Use SCOs in Tables 21 and 22. No VOCs or SVOCs were detected above Protection of Groundwater or Unrestricted Use SCOs within the endpoint soil samples with the exception of Acetone, a common laboratory contaminant. All acetone detections were below Residential SCOs.

In accordance with New York City regulations, a tank removal affidavit was filed with the NYFD. A copy of the NYCFD tank removal affidavit filed for the 5,000-gallon underground storage tank is attached in Appendix I. A NYSDEC PBS Application was submitted to the NYSDEC to register/deregister the 5,000-gallon No. 2 fuel oil underground storage tank. A printout copy of the NYSDEC PBS online database, which lists the Tank No. HO-1 as closed/removed is attached in Appendix I.

4.3.5.2 Two 550-gallon Gasoline Underground Storage Tanks

On July 23, 2019, two 550-gallon gasoline underground storage tanks (Noted as Tank No. 2 and Tank No. 3 on the PBS Database) were exposed while excavating for the cellar for Building C. The tanks were installed immediately next to each other and were encased in concrete. The tanks were located approximately 6 feet from the Kent Avenue property line, and approximately 54 feet from the north (Oak Street) property line. The location of the tanks is shown on Figure 3. The tanks were found to have been previously abandoned in place with water. The water contained within the tanks was removed on August 13, 2019, by ABC. The tanks were then removed from the ground and set on asphalt to be cut and cleaned by ABC. EBC inspected the exterior and interior of the steel tanks for corrosion and evidence of holes/penetrations. No holes/penetrations were observed and no evidence of a spill/leak was observed.

The excavation contractor excavated two test pits within the tank excavation to a depth of 3 feet below the bottom of the tanks. EBC field screened soil recovered from the tank excavation. No stained soil, or olfactory evidence of a spill/leak was observed and no photo-ionization detector readings above background concentrations were reported.

EBC collected six endpoint verification soil samples from the tank excavation. The endpoint soil samples consisted of two bottom soil samples (Tank EP B1 and Tank EP B2), and four sidewall soil samples collected from the base of the excavation (Tank EP E, Tank EP W, Tank EP N, Tank EP S). The tank endpoint soil samples were collected in laboratory supplied containers, transferred to a cooler with ice and transported under chain-of-custody protocol to Phoenix Environmental Laboratories, Inc. (Phoenix) in Manchester, Connecticut. The soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and semi-volatile organic compounds (SVOCs) via EPA Method 8270. A copy of the laboratory report is included in Appendix I. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs and Restricted Residential Use SCOs in Tables 22 and 22. No VOCs or SVOCs were detected above Protection of Groundwater or Unrestricted Use SCOs within the endpoint soil samples.

The steel tanks were transported to a local metal recycling facility for proper off-Site disposal. In accordance with New York City regulations, a tank removal affidavit was filed with the NYFD.

A copy of the NYCFD tank removal affidavit filed for the two 550-gallon underground storage tanks is attached in Appendix I. A NYSDEC PBS Application was submitted to the NYSDEC to register/deregister the two 550-gallon gasoline oil underground storage tanks. A printout copy of the NYSDEC PBS online database, which lists Tank No. 2 and Tank No. 3 as closed/removed is attached in Appendix I.

4.3.5.3 Disposal Details

A total of 1,200 gallons of petroleum contaminated water was removed by ABC on August 13, 2019, and transported to New York Oil Recovery located at 94 Hausman Street, Brooklyn, New York 11222. A copy of the non-hazardous manifest for the petroleum contaminated water is included in Appendix I.

4.3.6 On-Site Reuse of Soil/Fill Meeting POG and RRSCOs in Former Fueling Area

The waste characterization soil sampling event performed within the Former Fueling Area Hotspot (see Section 4.3.1.2) did not identify any SVOCs, pesticides or PCBs above Restricted Residential SCOs or Protection of Groundwater SCOs within Grid Sections FA1, FA2, or FA5 within the depth interval 0 to 5 feet below grade. In addition, no VOCs were detected above Restricted Residential SCOs or Protection of Groundwater SCOs. EBC collected an additional 12 grab soil samples for laboratory analysis of VOCs on October 26, 2017, to achieve the sampling/analysis frequency outlined by Table 5.4(e)10 of DER-10 to determine suitability for on-Site reuse as backfill. The 12 grab soil samples were collected in laboratory provided glassware and submitted to Phoenix Environmental Laboratories, Inc. for laboratory analysis of VOCs. Based on the results of the three 5-point composite soil samples collected on January 19, 2017, and the additional grab soil samples collected on October 26, 2017, the soil was suitable for on-Site reuse.

On October 31, 2017, AMC emailed a request to reuse 1,300 cubic yards of overburden soil excavated from the Former Fueling Area Hotspot from Grid Sections FA1, FA2, and FA5 from 0 to 5 feet below grade.

The request included the test pit sampling plan and laboratory results of three 5-point composite soil samples and 15 grab soil samples. An email from NYSDEC (dated November 6, 2017)

approved the request to reuse 1,300 cubic yards of soil from Grid Sections FA1, FA2, and FA5 from 0 to 5 feet below grade. A copy of the email request and NYSDEC approval email is included in Appendix Q.

On December 7, 2017, and December 8, 2017, the soil stockpile of soil excavated from Grid Sections FA1, FA2, and FA5 from 0 to 5 feet below grade, was used as backfill above the demarcation barrier within the FA3 and FA4 grid sections.

4.3.7 Excavation Dewatering

With groundwater present at approximately 9 to 10 feet below the surface, dewatering was required to facilitate excavation below this depth for the Former Fueling Area Hotspot and the cellar level of Building C. Dewatering was accomplished by pumping groundwater from 1.5 inch diameter PVC, deep well points installed around the perimeter and across the center of the Former Fueling Area Hotspot, and around the perimeter of the Building C foundation.

4.3.7.1 Disposal Details

A sewer discharge permit was filed with the New York City Department of Environmental Protection (NYCDEP) in July 2014, to allow the discharge of up to 576,000 gallons per day through an existing 6 inch diameter connection to the 92 inch by 68 inch combined sewer overflow located in Quay Street between West Street and East River. The permit was approved by the NYCDEP on February 28, 2018. A Long Island Well Permit Application dated July 6, 2014, was filed with the NYSDEC, and a Long Island Well Permit Equivalent was issued by the NYSDEC on March 9, 2018. The Long Island Well Permit Equivalent approved a maximum daily pumpage of 576,000 gallons per day.

Dewatering operations consisted of pumping groundwater and surface water into a 18,000 gallon settling tank to remove fine suspended materials through settling, a filter unit fitted with 1-micron filter bages to remove suspended solids, and two 8,000 lb carbon units installed in series to remove volatile organic compounds.

Dewatering for the former Fueling Area Hotspot began on October 29, 2017, and continued January 11, 2018. Approximately 1,569,600 gallons of water were treated and discharged to the sewer system from October 29, 2017, to January 11, 2018 (approximately 21,210 gpd).

Dewatering for the cellar for Building C began on August 6, 2019, and will continue to operate through December 2019. Approximately 1,560,900 gallons of water were treated and discharged to the sewer system from August 6, 2019, to September 27, 2019 (approximately 29,450 gpd).

A copy of the NYCDEP sewer discharge permit, Long Island Well Permit and treatment system design specifications are provided in Appendix U.

4.3.8 Disposal Summary

The table provided below shows the total quantities of each category of material removed from the Site and the disposal location.

Table 2. Off-Site Disposal Summary

Disposal Facility	Asphalt Concrete (yd^3)	Concrete (yd^3)	D008 Hazardous Lead Soil (Tons)	Historic Fill and Petroleum Contaminated Material (Tons)
P Park NJ, LLC 100 Planten Avenue Prospect Park, New Jersey 07508	-	280	-	-
Faztec Industries – 43W047 200-220 Bloomfield Avenue Staten Island, NY 10303	5,060	-	-	-
Clean Earth of North Jersey 115 Jacobus Avenue Kearny, NJ 07032	-	-	542.87	-
Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008	-	-	-	17,919.79
Clean Earth of Bethlehem 3000 Commerce Center Boulevard Bethlehem, PA 18015	-	-	-	17,189.64
Bayshore Soil Management, LLC 75 Crows Mill Road Keasbey, NJ 08832	-	-	-	9,700.37

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

4.4.1 Former Fueling Area Hotspot Endpoint Soil Sampling

The RAWP specified the collection and laboratory analysis of endpoint samples at a rate of one endpoint soil sample per 900 ft^2 from the base of the excavation, and one endpoint verification soil sample from the sidewalls of the excavation at a rate of one endpoint verification soil sample per 30 linear feet to verify that remedial goals had been achieved. Therefore, the area designated as the Former Fueling Area Hotspot Site was divided into 12 separate 900 ft^2 Grid Sections, and

one endpoint verification soil sample was collected from the base of each of the 12 Grid Sections to verify that remedial goals had been achieved (sample IDs Bottom 1 through Bottom 12). In addition, a total of 16 sidewall endpoint verification soil samples were collected from the sidewalls of the Former Fueling Area Hotspot excavation (sample IDs SW1 through SW16). The collection location of each of the endpoint verification soil samples is shown on Figure 4.

Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL VOCs and SVOCs according to EPA Methods 8260 and 8270 with Category B Deliverables. No VOCs were detected above Protection of Groundwater SCOs or Track 1 Unrestricted Use SCOs. No SVOCs were detected above Protection of Groundwater SCOs. The SVOC indeno(1,2,3-cd)pyrene was detected above Restricted Residential SCOs within sidewall soil samples SW8 (520 µg/kg) and SW15 (510 µg/kg). The results of the 12 bottom and 16 sidewall endpoint verification endpoint soil samples collected from the Former Fueling Area Hotspot excavation confirms that Former Fueling Area Hotspot has been removed.

A copy of each of the laboratory reports for the bottom and sidewall endpoint verification soil samples collected from the Former Fueling Area Hotspot is attached in Appendix R2. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2 SVOC Hotspots 1-6 Endpoint Soil Sampling

The RAWP identified six SVOC hotspot areas with elevated concentrations of SVOCs related to fill materials in the vicinity of soil borings B4, B6, B17, B19, B32 and B34. The RAWP specified the collection and laboratory analysis of one bottom sample per 900 ft^2 of bottom area, and one sidewall sample per 30 linear feet following excavation to verify that remedial goals had been achieved. The collection and laboratory analysis of the endpoint soil samples collected from each of the six SVOC hotspots is described below.

4.4.2.1 SVOC Hotspot 1 (B17)

An 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring

B17 (identified as SVOC Hotspot 1). On November 2, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID HS Bottom) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs HS1 E, HS1 W, HS1 S, and HS1 N). The collection location of each of the endpoint soil samples is shown on Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected from the base of the SVOC Hotspot 1 excavation. However, several SVOCs were detected above Protection of Groundwater SCOs within each of the four sidewall endpoint soil samples. On November 8, 2017, EBC collected soil samples outward in 1 ft intervals from each of the sidewall samples (representing 11, 12, and 13 ft from the B17 boring location) at a depth of approximately 2 ft to delineate the horizontal extent of SVOC Hotspot 1. The samples representing the next 1 ft interval outward (11 ft from the B17 boring location) were submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected to the north (sample ID HS1N@11ft) and south (sample ID HS1S@11ft). SVOCs were detected above Protection of Groundwater SCOs within the 11ft sample collected to the west (sample ID HS1W@11ft). Therefore, the sample collected from the next 1ft interval to the west (sample ID HS1 at 12ft) was submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the sample collected 2ft west of the SVOC Hotspot 1 excavation. All three 1ft interval soil samples collected to the east reported SVOCs above Protection of Groundwater SCOs. Therefore, on November 16, 2017, EBC collected soil samples outward in 1 ft intervals from the east sidewall (representing 14, 15, and 16 ft from the B17 boring location) at a depth of approximately 2 ft to delineate the horizontal extent of SVOC Hotspot 1 to the east. All three soil samples (sample IDs HS1@14ft, HS1@15ft, and HS1@16ft) were submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables, and all three soil samples reported SVOCs at concentrations above Protection of Groundwater SCOs. Therefore, on November 22, 2017, EBC collected soil samples outward in 1 ft intervals from the east sidewall (representing 17, 18, and 19 ft from the B17 boring location) at a depth of approximately 2 ft to delineate the horizontal extent of SVOC Hotspot 1 to the east. The soil

samples collected from 17 and 18ft to the east from the B17 boring location (sample IDs HS1 E at 17ft, and HS1 E at 18ft) were both submitted for laboratory analysis for SVOCs, and SVOCs were detected above Protection of Groundwater SCOs within both samples. The soil sample representing 19ft to the east from the B17 boring location (sample ID HS1 E at 19ft) was then submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables, and no SVOCs were detected above Protection of Groundwater SCOs within the sample. Based on these results, the boundaries of SVOC Hotspot 1 was defined to the east (19ft from the B17 boring location), north and south (10ft from the B17 boring location), and west (12ft from the B17 boring location).

On December 5, 2017, a machine (payloader) leaking diesel onto the asphalt was observed immediately adjacent to the northwest corner of the SVOC Hotspot 1 excavation. A 5ft by 5ft wide excavation to a depth of approximately 3 feet below grade was created to remove any potentially diesel impacted soil below the asphalt. Because the excavation connected with the SVOC Hotspot 1 excavation to the east, no sidewall soil sample to the east could be collected. However, on December 6, 2017, EBC collected one endpoint soil sample from the base of the diesel spill excavation (sample ID HS1 Bottom Corner), and endpoint soil samples from the north sidewall (sample ID HS1N Corner), west sidewall (sample ID HS1W Corner), and south sidewall (sample ID HS1S Corner). Each of the four endpoint soil samples was submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected from the base of the diesel spill excavation (sample ID HS1 Bottom Corner), or the endpoint soil samples collected from the north sidewall (sample ID HS1N Corner), and south sidewall (sample ID HS1S Corner). However, SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected from the west sidewall (sample ID HS1W Corner). On December 11, 2017, EBC collected a soil sample 1 ft farther west at a depth of approximately 2 ft to delineate the horizontal extent of SVOC Hotspot 1. The sample was submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the sample collected 1 ft farther to the west.

A copy of each of the laboratory reports for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 1 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2.2 SVOC Hotspot 2 (B19)

An 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring B19 (identified as SVOC Hotspot 2). On December 6, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID HS2 Bottom) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs HS2 N, HS2 E, HS2 W, and HS2 S). The collection location of each of the endpoint soil samples is shown on Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the bottom endpoint soil sample or the four endpoint sidewall samples.

A copy of the laboratory report(s) for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 2 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2.3 SVOC Hotspot 3 (B6)

Following removal of the loading bay building slab and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B6 (identified as SVOC Hotspot 3). On March 30, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID EP3-5) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs EP3-1, EP3-2, EP3-3, and EP3-4). The collection location of each of the endpoint soil samples is shown on

Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. SVOCs were detected above Protection of Groundwater SCOs within the bottom endpoint soil sample and all four endpoint sidewall samples.

On April 24, 2017, EBC collected an additional bottom endpoint soil sample (sample ID EP3-5A) and four additional sidewall endpoint soil samples (sample IDs EP3-1A, EP3-2A, EP3-3A, and EP3-4A) following additional excavation of SVOC Hotspot to expand the excavation 1 ft deeper and 1 ft larger in each direction. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the bottom endpoint soil sample or the four endpoint sidewall samples.

A copy of the laboratory report(s) for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 3 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2.4 SVOC Hotspot 4 (B32)

Following removal of the loading bay building slab and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B32 (identified as SVOC Hotspot 4). On March 30, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID EP4-5) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs EP4-1, EP4-2, EP4-3, and EP4-4). The collection location of each of the endpoint soil samples is shown on Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the bottom endpoint soil sample and the south, east and west sidewall endpoint samples. However, SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected from the north sidewall.

On April 24, 2017, EBC collected an additional sidewall endpoint soil sample (sample ID EP4-1A) following additional excavation of SVOC Hotspot to expand the excavation 1 ft farther to the north. The endpoint soil sample was submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint sidewall sample.

A copy of the laboratory report(s) for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 4 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2.5 SVOC Hotspot 5 (B34)

Following removal of the loading bay building slab and underlying fill, additional excavation of a 10ft by 10ft wide area to a depth of 3 ft was performed at the location of soil boring B34 (identified as SVOC Hotspot 5). On March 30, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID EP5-5) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs EP5-1, EP5-2, EP5-3, and EP5-4). The collection location of each of the endpoint soil samples is shown on Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the bottom endpoint soil sample and the sidewall endpoint samples.

A copy of the laboratory report(s) for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 5 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.2.6 SVOC Hotspot 6 (B4)

An 10ft by 10ft wide excavation to a depth of 3 ft was excavated at the location of soil boring B4 (identified as SVOC Hotspot 6). On November 2, 2017, EBC collected on endpoint soil sample from the base of the excavation (sample ID HS6 Bottom) and one endpoint soil sample from a depth of approximately 2ft from each of the four the sidewalls of the excavation (sample IDs HS6 E, HS6 W, HS6 S, and HS6 N). The collection location of each of the endpoint soil samples is shown on Figure 4. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL SVOCs by EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint sidewall soil sample collected from the east side of the SVOC Hotspot 6 excavation. However, several SVOCs were detected above Protection of Groundwater SCOs within three other sidewall endpoint soil samples and the bottom endpoint soil sample. On November 8, 2017, EBC collected soil samples outward in 1 ft intervals from each of the sidewall samples (representing 11, 12, and 13 ft from the B4 boring location) at a depth of approximately 2 ft to delineate the horizontal extent of SVOC Hotspot 6 and a bottom soil sample from a depth of approximately 4 feet below grade (sample ID HS6 Bottom@4). The samples representing the next 1 ft interval outward in the west, north and south directions (11 ft from the B4 boring location) were submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the endpoint soil sample collected to the west (sample ID HS6 W at 11) and south (sample ID HS6 S at 11). SVOCs were detected above Protection of Groundwater SCOs within the 11ft sample collected to the east (sample ID HS6 N at 11). Therefore, the sample collected from the next 1ft interval to the east (sample ID HS6N @ 12) was submitted for laboratory analysis of SVOCs via EPA Method 8270 with Category B Deliverables. No SVOCs were detected above Protection of Groundwater SCOs within the sample collected 2ft east of the SVOC Hotspot 6 excavation.

A copy of each of the laboratory reports for the bottom and sidewall endpoint verification soil samples collected from the SVOC Hotspot 6 is attached in Appendix R1. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data

Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.4.3 Building C Endpoint Soil Sampling

The RAWP specified the collection and laboratory analysis of endpoint samples at a rate of one endpoint soil sample per 900 ft^2 following excavation to verify that remedial goals had been achieved. Therefore, the area excavated for the cellar for Building C was divided into 28 separate Grid Sections of 900 ft^2 or less, and one endpoint verification soil sample was collected from each of the 28 Grid Sections (A1 through A7, B1 through B7, C1 through C7, and D1 through D7) to verify that remedial goals had been achieved. The collection location of each of the endpoint verification soil samples is shown on Figure 4.

In accordance with DER-10, the 28 endpoint verification soil samples meet the sampling frequency of one per 900 ft^2. Each of the endpoint soil samples were submitted to Phoenix for laboratory for analysis of TCL VOCs and SVOCs according to EPA Methods 8260 and 8270, pesticides/PCBs by EPA Method 8081/ 8082 and TAL metals with Category B Deliverables.

No VOCs, SVOCs, pesticides, PCBs or metals were detected above Track 1 Unrestricted Use SCOs. The results of the 28 endpoint soil samples collected from the base of the cellar excavation for Building C confirms that all soil remaining at the Site meets Unrestricted Use SCOs.

A copy of each of the laboratory reports for the endpoint soil samples collected following excavation for the cellar for Building C is attached in Appendix R3. The results are summarized and compared to NYSDEC Part 375.6 Unrestricted Use SCOs, Restricted Residential Use SCOs, and Protection of Groundwater SCOs in Tables 23 through 26. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. DUSRs are included in Appendix T.

4.5 IMPORTED BACKFILL

4.5.1 Native Soil from Other Redevelopment/Remedial Projects

4.5.1.1 Block 3152 - 89-141 Melrose Street (15CVCP073K)

On April 4, 2016, EBC emailed a request to import 700 cubic yards of clean native soil from a

remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 15CVCP073K) located at 89 to 141 Melrose Street in Brooklyn, New York 11206 (Block 3152, Lot 48). The request included the test pit sampling plan and laboratory results of two 5-point composite soil samples and 6 grab soil samples. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. An email from NYSDEC (dated April 5, 2016) approved import of the requested 700 cubic yards of clean native soil to the Site. A copy of the email request and NYSDEC approval email is included in Appendix O1.

On June 7, 2016, a total of 40 truck loads, each with a capacity of approximately 20 cubic yards (total of approximately 800 cubic yards), was transported to the Site to backfill the cellar area of the former 2-story building. Copies of each of the haul tickets are included in Appendix O1.

4.5.1.2 744 Bedford Avenue (BCP Site No. C224193)

On July 20, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 1,000 cubic yards of clean native soil from a remedial project enrolled in the NYSDEC Brownfield Cleanup Program (BCP Site No. C224193) located at 744 Bedford Avenue in Brooklyn, New York 11205 (Block 1886, Lot 44). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the two 5-point composite soil samples and seven grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated July 24, 2017) approved import of the requested 1,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O2.

Additional soil samples were collected from the remaining clean native soil located at the 744 Bedford Avenue property to obtain approval for a larger quantity of clean native soil for transport to the Site. Supplemental sampling was performed on July 27, 2017, and included collection of two additional 5-point composite samples and seven grab samples. On August 1, 2017, AMC submitted a second Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to transport an additional 2,500 cubic yards clean native soil from the 744

Bedford Avenue property to the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated August 4, 2017) approved import of the requested 2,500 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O2.
From July 26, 2017, to September 14, 2017, a total of 133 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 2,660 cubic yards), was transported to the Site for use as backfill in the area of the former terminal platform building (loading dock). Copies of each of the haul tickets are included in Appendix O2.

4.5.1.3 948 Myrtle Avenue (15CVCP132K)

On August 7, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 1,000 cubic yards of clean native soil from a remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 15CVCP132K) located at 948 Myrtle Avenue in Brooklyn, New York 11206 (Block 1756, Lot 37). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the two 5-point composite soil samples and 7 grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated August 9, 2017) approved import of the requested 1,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O3.

Additional soil samples were collected from the remaining clean native soil located at the 948 Myrtle Avenue property to obtain approval for a larger quantity of clean native soil for transport to the Site. Supplemental sampling was performed on August 8, 2017, and included collection of three additional 5-point composite samples and ten grab samples. On August 11, 2017, AMC submitted a second Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to transport an additional 6,500 cubic yards clean native soil from the 948 Myrtle Avenue property to the Site. The Request to Import/Reuse Fill or Soil form summarized the supplemental sampling performed on August 8, 2017. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs

and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated August 16, 2017) approved import of the requested 6,500 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O3.

From August 23, 2017, to December 13, 2017, a total of 202 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 4,040 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O3.

4.5.1.4 902 to 908 Flushing Avenue (15CVCP132K)

On November 9, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 4,000 cubic yards of clean native soil from a remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 15CVCP132K) located at 902 to 908 Flushing Avenue in Brooklyn, New York 11206 (Block 3139, Lot 21). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the five 5-point composite soil samples and fourteen grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated November 14, 2017) approved import of the requested 4,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O4.

Following transport of 4,000 cubic yards of clean native soil to 11 West Street from the 902 to 908 Flushing Avenue property, additional waste characterization soil samples were collected from the remaining clean native soil located at the 902-908 Flushing Avenue property to obtain approval for a larger quantity of clean native soil for transport to the Site. Supplemental sampling was performed on November 27, 2017, and included the collection of five additional 5-point composite samples and thirteen grab samples. On November 29, 2017, AMC submitted a second Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to transport an additional 3,500 cubic yards clean native soil from the 902 to 908 Flushing Avenue property to

the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated December 5, 2017) approved import of the requested 3,500 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O4.

From November 16, 2017, to January 18, 2018, a total of 350 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 7,000 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O4.

4.5.1.5 629 to 633 Marcy Avenue (17CVCP060K)

On November 17, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 2,000 cubic yards of clean native soil from a remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 17CVCP060K) located at 629 to 633 Marcy Avenue in Brooklyn, New York 11206 (Block 1771, Lot 5). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the three 5-point composite soil samples and 10 grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs. A formal letter issued by the NYSDEC (dated November 22, 2017) approved import of the requested 2,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O5.

Following transport of 2,000 cubic yards of clean native soil to 11 West Street from the 629 to 633 Marcy Avenue property, additional waste characterization soil samples were collected from the remaining clean native soil located at the 629 to 633 Marcy Avenue property to obtain approval for a larger quantity of clean native soil for transport to the Site. Supplemental sampling was performed on December 4, 2017, and included the collection of two additional 5-point composite samples and seven grab samples. On December 6, 2017, AMC submitted a second Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to transport an additional 600 cubic yards clean native soil from the 629 to 633 Marcy Avenue property to the Site. The results of soil samples collected from the native soil proposed for transport to the Site

indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated December 7, 2017) approved import of the requested 600 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O5.

Following transport of the additionally approved 600 cubic yards of clean native soil to 11 West Street from the 629 to 633 Marcy Avenue property, AMC submitted a third Request to Import/Reuse Fill or Soil form (dated 12/21/2017) to the NYSDEC to request approval to transport an additional 400 cubic yards clean native soil from the 629 to 633 Marcy Avenue property to the Site. The Request to Import/Reuse Fill or Soil form was submitted to update the quantity previously proposed in the second submission. A formal letter issued by the NYSDEC (dated December 26, 2017) approved import of the requested 400 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O5.

From November 22, 2017, to December 29, 2017, a total of 139 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 2,780 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O5.

4.5.1.6 143-18 Liberty Avenue (17CVCP006Q)

On December 11, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 5,574 cubic yards of clean native soil from a remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 17CVCP006Q) located at 143-18 Liberty Avenue in Queens, New York 11435 (Block 10041, Lot 6). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the ten 5-point composite soil samples and twenty-two grab soil samples collected to determine suitability for use as backfill at the Site. The results of all samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs. A formal letter issued by the NYSDEC (dated December 15, 2017) approved import of the requested 5,574 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O6.

From December 19, 2017, to April 13, 2018, a total of 141 truck loads of clean native soil, each with a capacity of approximately 30 cubic yards (total of approximately 4,230 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O6.

4.5.1.7 886 Dahill Road (10EH-N025K)

On December 12, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 5,000 cubic yards of clean native soil from a redevelopment project undergoing remediation in accordance with a Remedial Action Work Plan approved by the New York City Office of Environmental Remediation (NYC OER Site No. 10EH-N025K) located at 886 Dahill Road in Brooklyn, New York 11204 (Block 5457, Lot 6). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of six 5-point composite soil samples and 18 grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated December 15, 2017) approved import of the requested 5,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O7.

From December 27, 2017 to January 3, 2018, a total of 141 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 2,820 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O7.

4.5.1.8 650 Metropolitan Avenue (13CVCP071K)

On December 19, 2017, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 800 cubic yards of clean native soil from a remedial project enrolled in the New York City Voluntary Cleanup Program (NYC OER Site No. 13CVCP071K) located at 650 Metropolitan Avenue in Brooklyn, New York 11211 (Block 2763, Lot 11). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of the two 5-point composite soil samples and seven grab soil samples collected to determine suitability for use as backfill at the Site. The results of all samples collected from the native soil proposed

for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated December 28, 2017) approved import of the requested 800 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O8.

From January 17, 2018 to February 22, 2018 a total of 39 truck loads of clean native soil, each with a capacity of approximately 30 cubic yards (total of approximately 780 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O8.

4.5.1.9 263 South 5th Street (The Dime)

On January 9, 2018, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import 9,000 cubic yards of clean native soil to be excavated to install a new building's cellar from a redevelopment project located at 263 South 5th Street in Brooklyn, New York 11205 (Block 2447, Lot 35). The Request to Import/Reuse Fill or Soil form summarized the laboratory results of sixteen 5-point composite soil samples and twenty-four grab soil samples collected to determine suitability for use as backfill at the Site. The results of soil samples collected from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated January 29, 2018) approved import of the 7,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O9.

Additional soil samples were collected from the remaining clean native soil located at the 263 South 5th Street property to obtain approval for a larger quantity of clean native soil for transport to the Site. Supplemental sampling was performed on February 1, 2018, and included collection of four additional 5-point composite samples and fourteen grab samples. Prior data collected from a separate environmental consultant in 2017 included four composite samples and four grab samples. On February 7, 2018, AMC submitted a second Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to transport an additional 7,000 cubic yards clean native soil from the 263 South 5th Street property to the Site. The results of soil samples collected

from the native soil proposed for transport to the Site indicated the soil met Unrestricted Use SCOs and Protection of Groundwater SCOs. A formal letter issued by the NYSDEC (dated February 12, 2018) approved import of the requested 7,000 cubic yards of clean native soil to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix O9.

From January 30, 2018, to March 28, 2018, a total of 700 truck loads of clean native soil, each with a capacity of approximately 20 cubic yards (total of approximately 14,000 cubic yards), was transported to the Site for use as backfill in the surcharge area. Copies of each of the haul tickets are included in Appendix O9.

4.5.2 Quarry Stone

4.5.2.1 Off-Site Virgin Mined Stone for Shoreline

The developer imported three different sizes of stone from Braen Stone of Sparta for use as backfill and to construct the waterfront shoreline located immediately west of the Site. Braen Stone of Sparta is a quarry located at 217 Limecrest Road in Lafayette, New Jersey. A copy of the Mine Registration Certificate is included in Appendix P1.

- From January 16, 2019, to May 31, 2019, a total of approximately 253.93 tons of 2-1/2 inch virgin mined stone was imported to the Site for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket for each load is included in Appendix P1.

- From December 20, 2018, to February 12, 2019, a total of approximately 372.08 tons of 18 inch virgin mined stone was imported to the Site for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket for each load is included in Appendix P1.

- From February 26, 2019, to March 7, 2019, a total of approximately 103.02 tons of 3/8 inch virgin mined stone was imported to the Site for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket for each load is included in Appendix P1.

The developer imported 3 to 5 inch stone (Limestone No. 5) from Holbert Quarry located in Lackawaxen, Pennsylvania for use as backfill off-Site along the waterfront bulkhead. From October 17, 2018, to December 13, 2018, a total of approximately 1,491.89 tons of 3 to 5 inch (Limestone No. 5) virgin mined stone was imported for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket from the stone supplier (New York Sand & Stone) for each load is included in Appendix P1.

The developer imported oversized stone / rip rap (Lime Medium Stone) from Holbert Quarry located in Lackawaxen, Pennsylvania for use as backfill off-Site along the waterfront bulkhead. From November 19, 2018, to December 10, 2018, a total of 38 truck loads rip rap (Lime Medium Stone) for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket from the stone supplier (New York Sand & Stone) for each load is included in Appendix P1.

On October 4, 2019, imported 2 to 6 inch stone from Holbert Quarry located in Lackawaxen, Pennsylvania for use as backfill off-Site along the waterfront bulkhead. From October 4, 2018, to October 5, 2018, a total of 97.26 tons of 2 to 6 inch stone was imported for use off-Site as backfill along the waterfront bulkhead. A copy of facility generated scale ticket Quarry Management Holdings LLC for each load is included in Appendix P5.

On October 4, 2019, one truck load (24.63 tons) of 12 to 24 inch stone was imported from Holbert Quarry located in Lackawaxen, Pennsylvania for use as backfill off-Site along the waterfront bulkhead. A copy of facility generated scale ticket Quarry Management Holdings LLC for the load is included in Appendix P5.

4.5.2.2 ¾" Bluestone from Braen Stone of Sparta

On October 10, 2018, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import up to 1,000 cubic yards of ¾ inch virgin mined stone (ASTM 57) from Braen Stone of Sparta for use as backfill behind the waterfront bulkhead. Braen Stone of Sparta is a quarry located at 217 Limecrest Road in Lafayette, New Jersey. The request included a copy of the Mine Registration Certificate and a sieve analysis representative of proposed ASTM 57 (3/4 inch stone). A copy of the Request to Import/Reuse Fill or Soil form

is included in Appendix P1.

From October 11, 2018, to April 29, 2019, a total of approximately 764.03 tons of ¾ inch (ASTM 57) virgin mined stone was imported to the Site for use as backfill along the waterfront bulkhead. A copy of facility generated scale ticket for each load is included in Appendix P1.

4.5.2.3 Off-Site Virgin Mined Stone for Shoreline

On October 5, 2018, an email request was submitted to NYSDEC to request approval to import three different sizes of virgin mined quarry stone from Holbert Quarry located in Lackawaxen, Pennsylvania, for off-Site use along the shoreline. The proposed sizes included 2 to 6 inch stone, 12 to 18 inch stone, and ASTM #57 stone (3/4 inch).

From January 16, 2019, to May 31, 2019, a total of approximately 253.93 tons of 2-1/2 inch virgin mined stone was imported to the Site for use as backfill along the waterfront bulkhead. A copy of facility generated scale ticket for each load is included in Appendix P1.

4.5.2.4 ¾" Bluestone from LaFarge Ravena Plant

On September 20, 2017, and September 26, 2017, a total of 429.97 tons of ¾ inch virgin mined stone (ASTM 57) from the LaFarge Ravena Plant. The LaFarge Ravena Plant is a quarry located at 1916 US Route 9W, in Ravena, New YorkA copy of the permit for operation of the mine and a sieve analysis representative of proposed ASTM 57 (3/4 inch stone) is included in Appendix P3. The inch virgin mined stone (ASTM 57) was used as a sub-base below the asphalt pavement applied over the area of the former terminal platform building (loading dock) after it was backfilled with clean native soil.

On July 18, 2019, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import up to 800 cubic yards of ¾ inch virgin mined stone (ASTM 57) from the LaFarge Ravena Plant. The LaFarge Ravena Plant is a quarry located at 1916 US Route 9W, in Ravena, New York. The request included a copy of the permit for operation of the mine and a sieve analysis representative of proposed ASTM 57 (3/4 inch stone). A formal letter issued by the NYSDEC (dated July 22, 2019) approved import of the requested 500 to 800 cubic yards of ¾ inch virgin mined stone (ASTM 57) to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix P3.

From August 8, 2018, to September 20, 2019, a total of approximately 852.85 tons of ¾ inch (ASTM 57) virgin mined stone was imported to the Site for use as a sub-base below the asphalt pavement re-applied to cap portions of the Site, within the sewer connection trench below the sewer pipe, and as a structural backfill material below concrete footings installed for foundation of Building C and Building B. A copy of facility generated scale ticket for each load is included in Appendix P1.

4.5.2.5 ¾" Bluestone from Tilcon

On August 7, 2019, AMC submitted a Request to Import/Reuse Fill or Soil form to the NYSDEC to request approval to import up to 1,000 cubic yards of ¾ inch virgin mined stone (ASTM 57) from the Tilcon NY Inc. – Mt. Hope Quarry. The Tilcon NY Inc. – Mt. Hope Quarry is a quarry located at 625 Mt. Hope Road, in Wharton, New Jersey. The request included a copy of the permit for operation of the mine and a sieve analysis representative of proposed ASTM 57 (¾ inch stone). A formal letter issued by the NYSDEC (dated August 9, 2019) approved import of the requested 1,000 cubic yards of ¾ inch virgin mined stone (ASTM 57) to the Site. A copy of the Request to Import/Reuse Fill or Soil form and NYSDEC approval letter is included in Appendix P4.

From September 5, 2019, to September 10, 2019, a total of approximately 126.92 tons of ¾ inch (ASTM 57) virgin mined stone was imported to the Site for use as a sub-base below the asphalt pavement re-applied to cap portions of the Site, and as a structural backfill material below concrete footings installed for foundation of Building C and Building B. A copy of facility generated scale ticket for each load is included in Appendix P4.

A table of all sources of imported backfill with quantities for each source is provided in the table below.

Source	Material Type	Quantity	Area Used
NYC OER Project No. (15CVCP073K) Block 3152 – 89-141 Melrose Street Brooklyn, New York 11206	Soil Meeting UU and POG SCOs	800 yd^3	Backfilled Former raised terminal platform building

BCP Site No. C224193 744 Bedford Avenue Brooklyn, New York 11205	Soil Meeting UU and POG SCOs	2,660 yd^3	Soil Surcharge Area
NYC OER Project No. (15CVCP132K) 948 Myrtle Avenue Brooklyn, New York 11205	Soil Meeting UU and POG SCOs	4,040 yd^3	Soil Surcharge Area
NYC OER Project No. (15CVCP084K) 902 to 908 Flushing Avenue Brooklyn, New York 11205	Soil Meeting UU and POG SCOs	7,000 yd^3	Soil Surcharge Area
NYC OER Project No. (17CVCP060K) 629 to 633 Flushing Avenue Brooklyn, New York 11205	Soil Meeting UU and POG SCOs	2,780 yd^3	Soil Surcharge Area
NYC OER Project No. (17CVCP006Q) 143-18 Liberty Avenue Queens, New York 11205	Soil Meeting UU and POG SCOs	4,230 yd^3	Soil Surcharge Area
NYC OER Project No. (10EH-N025K) 886 Dahill Road Brooklyn, NY 11204	Soil Meeting UU and POG SCOs	2,820 yd^3	Soil Surcharge Area
NYC OER Project No. (13CVCP071K) 650 Metropolitan Avenue Brooklyn, NY 11211	Soil Meeting UU and POG SCOs	780 yd^3	Soil Surcharge Area
Redevelopment Project (The Dime) 263 South 5th Street Brooklyn, NY 11205	Soil Meeting UU and POG SCOs	14,000 yd^3	Soil Surcharge Area
Braen Stone of Sparta 217 Limecrest Road Lafayette, New Jersey	2 ½" Stone	253.93 tons	Off-Site - Shoreline
Braen Stone of Sparta 217 Limecrest Road Lafayette, New Jersey	18" Stone	372.08 tons	Off-Site - Shoreline
Braen Stone of Sparta 217 Limecrest Road Lafayette, New Jersey	3/8" Stone	103.02 tons	Off-Site - Shoreline
Holbert Quarry Lackawaxen, Pennsylvania	3 to 5 inch Stone	1,491.89 tons	Off-Site - Shoreline
Holbert Quarry Lackawaxen, Pennsylvania	Oversized Stone / Rip Rap	760 cubic yards	Off-Site - Shoreline
Holbert Quarry Lackawaxen, Pennsylvania	2 to 6" Stone	97.26 tons	Off-Site - Shoreline
Holbert Quarry Lackawaxen, Pennsylvania	12 to 24" Stone	24.63 tons	Off-Site - Shoreline

Braen Stone of Sparta 217 Limecrest Road Lafayette, New Jersey	¾" Stone	764.03 tons	On-Site - Shoreline
Holbert Quarry Lackawaxen, Pennsylvania	2 ½" Stone	253.93 tons	On-Site - Shoreline
LaFarge Ravena Plant 1916 US Route 9W Ravena, New York	¾" Stone	852.85 tons	Asphalt Sub-Base and Building B and Building C Structural Backfill
Tilcon NY Inc. – Mt. Hope Quarry 625 Mt. Hope Road Wharton, New Jersey	¾" Stone	126.92 tons	Asphalt Sub-Base and Building B and Building C Structural Backfill

4.6 CONTAMINATION REMAINING AT THE SITE

4.6.1 Soil

The Remedial Investigation identified historic fill material across the Site to depths as great as 7 feet below grade. The historic fill material contains SVOCs, and metals including arsenic, barium, copper, chromium, lead, mercury, nickel and zinc above Unrestricted Use and/or Restricted Residential Use SCOs.

Six "hotspot" areas of elevated SVOCs related to fill materials were identified in RI soil borings B4 (Hotspot 6), B6 (Hotspot 3), B17 (Hotspot 1), B19 (Hotspot 2), B32 (Hotspot 4) and B34 (Hotspot 5). Although the SVOCs in these areas were not related to a petroleum release, the presence of low but elevated (above standards) SVOCs in groundwater suggest that these areas may have been affecting groundwater quality. In accordance with the RAWP, each of the SVOC hotspots was removed by excavating a 10 ft by 10 ft area to 3 to 4 feet below grade. Endpoint soil samples were collected for laboratory analysis of SVOCs (EPA Method 8270) from each of the sidewalls and bottom of each SVOC hot-spot. Additional excavation was performed of the SVOC hotspots as needed to achieve Protection of Groundwater SCOs for SVOCs present in groundwater above AWQSGVs.

Petroleum impacted soil was encountered to a depth of 8 ft in the vicinity of RI soil borings B21 and B22 within the former UST and dispensers area. This area was identified as the former fueling area hotspot. In accordance with the RAWP, the petroleum impacted soil within the former fueling area hotspot was removed. The resulting excavation was approximately 180 feet long by 60 feet wide and approximately 10 feet deep. Endpoint soil samples were collected for

laboratory analysis of VOCs (EPA Method 8260) and SVOCs (EPA Method 8270) from the sidewalls and bottom of the former fueling area hotspot excavation to confirm Protection of Groundwater SCOs were achieved for SVOCs present in groundwater above AWQSGVs.

Installation of the concrete mat slab and cellar slab of the new building Tower C2 required excavation/removal of all historic fill material within the area of the building. Soil below the concrete mat slab and cellar slab consists of native soil.

Residual historic fill material containing SVOCs, and metals above Unrestricted Use and/or Restricted Residential Use SCOs is capped in place by a composite cover system.

Table 29 and Figure 4 summarize the results of all soil samples collected that exceed Unrestricted Use SCOs, Protection of Groundwater SCOs, and Restricted Residential Use SCOs at the Site after completion of remedial action.

4.6.2 Groundwater

The laboratory results of the groundwater samples collected during the RI did not identify any VOCs, pesticides or PCBs at concentrations above AWQSGVs in any of the monitoring wells installed at the Site. SVOC detections above groundwater standards were limited to parameters with a groundwater standard of 2 parts per trillion as follows:

- Benzo(a)anthracene - Reported in 11 wells ranging from 0.03 - 0.32 µg/L
- Benzo(a)pyrene - Reported in 8 wells ranging from 0.02 - 0.29 µg/L
- Benzo(b)fluoranthene - Reported in 10 wells ranging from 0.03 - 0.47 µg/L
- Benzo(k)fluoranthene - Reported in 7 wells ranging from 0.03 - 0.18 µg/L
- Chrysene - Reported in 7 wells ranging from 0.04 - 0.29 µg/L
- Ideno(1,2,3-cd)pyrene - Reported in 7 wells ranging from 0.03 - 0.19 µg/L

The metals sodium (14 of 14) and manganese (11 of 14) were reported above AWQSGVs in the majority of the wells sampled during the RI. Iron was also reported above its standard in five of the monitoring wells and magnesium in four of the monitoring wells.

4.6.3 Soil Vapor

A soil vapor intrusion evaluation was completed and based on that evaluation, no additional

actions are need to address soil vapor intrusion at the Site. A sub-grade parking garage has been constructed beneath the entire on-site building, and the parking garage is ventilated in accordance with New York City Mechanical Code. In addition, the ventilation system has been designed to operate continuously. Therefore the soil vapor intrusion pathway has been adequately addressed.

4.7 ENGINEERING CONTROL SYSTEMS

4.7.1 Composite Cover System

Exposure to remaining contamination in soil/fill at the Site is prevented by a soil cover system placed over the Site. This cover system is comprised of the following:

- Area of Future Building/Tower B – Patchwork of existing asphalt, existing concrete, newly applied asphalt pavement with/without a ¾" stone sub-base, and areas of new concrete (minimum of 2 inches thick) installed around steel piles installed for Building B; (To be replaced with a concrete slab for Tower B under the SMP)
- Area of Future Portion of Building/Tower C to be Slab on Grade – A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;
  (To be replaced with a concrete slab for Tower C under the SMP)
- Area of Future Cellar Building/Tower C to have Cellar - A minimum of 2 inches of newly poured concrete installed across the entire cellar area of Building C and the sloped excavation area along the west side of the excavation;
  (To be replaced with a concrete slab for Tower C under the SMP)
- Area of Future Tower D to have Cellar – Patchwork of a minimum of 2 inches of asphalt installed after excavation/backfill of the loading dock, and newly applied asphalt pavement with/without a ¾" stone sub-base;
  (To be replaced with a concrete building slab for Tower D under the SMP)
- Area of Future Roadway and Waterfront Public Access Area (Surcharge Area) – A minimum of 2 feet of clean soil over a demarcation barrier;
  (Under the SMP, trenched excavation will be performed within the surcharge areas to install new utilities. The surcharge areas will then be finished as roadways, sidewalks, and landscaped areas)

- Pier/Waterfront Public Access Area (Asphalt) - A minimum of 2 inches of newly applied asphalt pavement with a ¾" stone sub-base, or a minimum of 2 inches of newly applied asphalt pavement without a sub-base;
  (To be removed under the SMP and replaced with new walkways and/or landscaped areas)

Figure 8 shows the as-built cross sections for each remedial cover type used on the site. Figure 6 shows the location of each cover type built at 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 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, or industrial uses only.

The environmental easement for the Site was executed by the Department on [date], and filed with the [County] County Clerk on [date]. The County Recording Identifier number for this filing is [number]. A copy of the easement and proof of filing is provided in Appendix B.

4.9 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

1) The RAWP identified the Fueling Area Hotspot as an area with a 25ft diameter to a depth of 10 feet below grade. However, delineation soil sampling performed prior to excavation identified the Fueling Area Hotspot as 180 feet long by 60 feet wide. The entire 180 feet long by 60 feet wide area was excavated to 10 feet to remove all petroleum contaminated soil. Endpoint soil samples collected from the Fueling Area Hotspot achieved SCOs.

2) The RAWP proposed excavation of a 10ft diameter around each of the six SVOC hotspots to removed soil/fill above Protection of Groundwater SCOs. However, endpoint soil samples collected from several of the SVOC hotspots noted additional excavation was required. Each of the SVOC hotspots were expanded as needed to remove

contaminated soil/fill, and follow-up endpoint soil sample results indicate remaining soil achieved Protection of Groundwater SCOs.

3) The BCP boundary was revised after DEC approval of the RAWP to exclude a portion of the property along the waterfront.

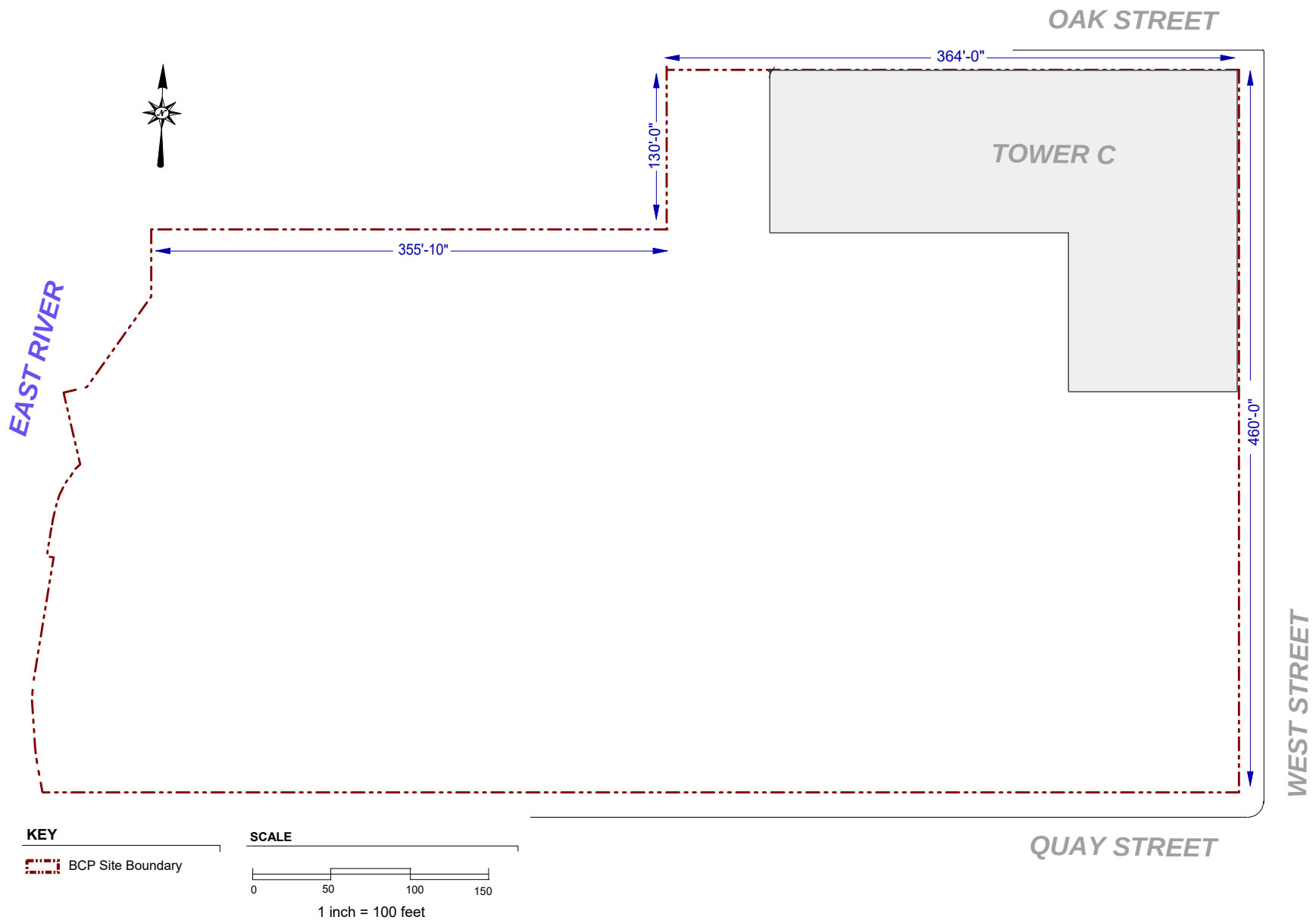
FIGURES

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

FORMER CONSOLIDATED FREIGHTWAYS TRUCK TERMINAL
11 WEST STREET, BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: FORMER CONSOLIDATED FREIGHTWAYS TERMINAL

Site Address: 11 WEST STREET, BROOKLYN, NY

Drawing Title: SITE PLAN

LEGEND

#276	BLDG. NUMBER	GV	GAS VALVE – ROUND
TB	TRAFFIC BOX	GV	GAS VALVE – ROUND
CO	CABLE TV MANHOLE	UV	UNKNOWN VALVE
EM	ELECTRIC MANHOLE	SP	SPLIT PIPE
S	SEWER MANHOLE	GV	GAS VALVE – SQUARE
G	GAS MANHOLE	WV	WATER VALVE – SQUARE
F	FIRE DEPT. MANHOLE	FH	HYDRANT
W	WATER MANHOLE	FDNY	FDNY BOX
T	TELEPHONE MANHOLE	A	AUTOMATIC SPRINKLER
CB	CATCH BASIN	UP	UTILITY POLE
	EXISTING TREE	LP	L.P. – LIGHT POLE
TP	TELEPHONE BOOTH	TL	TRAFFIC LIGHT
FP	FIRE ALARM BOX	TS	TRAFFIC SIGN
		PM	PARKING METER
		MB	MAIL BOX
			METAL GUARD POLE
		DI	DRAIN INLET

CHM – CHIMNEY	RO – ROOF OVER	1STY – STORY	
DC – DROP CURB	BSMT – BASEMENT	CONC. – CONCRETE	
BR. – BRICK	L.C. – LEGAL GRADE	M. – METAL	
CE – CELLAR ENTRANCE	C.STEPS – CONCRETE STEPS		
RET.WALL – RETAINING WALL	B.STEPS – BRICK STEPS		
C.WALL – CONCRETE WALL	M.STEPS – METAL STEPS		
FND.WALL – FOUNDATION WALL	IR.FE. – IRON FENCE		
CH.LI.FE. – CHAIN LINK FENCE	M.WELL – MONITORING WELL		
OH.S.W. – OVERHEAD SERVICE WIRE	N/S – NORTH SIDE		
F.S.M. – FINAL SECTION MAP	T.M. – TAX MAP		
OH.COMM. – OVERHANG COMMERCIAL	IRR. – IRREGULAR		
INV. – SEWER INVERT ELEVATION	ENTR. – ENTRANCE		
T.O.R. – TOP OF ROOF ELEVATION			
T.O.W. – TOP OF WALL ELEVATION			
F.F./E.L. – FIRST FLOOR ELEVATION			
T.O.P. – TOP OF ROOF PARAPET ELEVATION			
T.O.M. – TOP OF METAL SHORING			
T.O.S.T. – TOP OF SEWER TRENCH EXCAVATION			
EDGE OF S.T. – EDGE OF SEWER TRENCH			

ELEVATION CONVERSION:

ALL ELEVATIONS SHOWN ARE REFERRED TO NAVD88

CONVERSION TO NAVD88 COMPUTED WITH VERTCON (NORTH AMERICAN VERTICAL DATUM CONVERSION) SOFTWARE PROVIDED BY NATIONAL GEODETIC SURVEY

EXAMPLE:
9.29' (NAVD88) = 7.83' (BROOKLYN DATUM)
TO OBTAIN BROOKLYN DATUM EQUIVALENCY SUBTRACT FROM NAVD88 1.46'

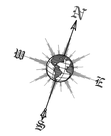
(7.83) – GRAY BACKGROUND – TOPOGRAPHICAL SURVEY (2017) BEFORE EXCAVATION ELEVATIONS

×XXX – AFTER EXCAVATION ELEVATIONS (03–2018)
◦XXX – AFTER EXCAVATION ELEVATIONS (04–2018)
•XXX – AFTER EXCAVATION ELEVATIONS (04–2018)
●XXX – AFTER EXCAVATION ELEVATIONS (07–2018)
♦XXX – AFTER EXCAVATION ELEVATIONS (02–2019)

(-0.83) – TOWER C AFTER EXCAVATION ELEVATIONS (09–2019)

+XXX – SEWER TRENCH ELEVATIONS (09–2019)

·XXX – AFTER EXCAVATION ELEVATIONS (09–2019)



GeoLand
LAND SURVEYING P.C.
Phone: (718) 701-5030 www.GeoLandCorp.com
Fax: (718) 701-2265 Email: info@geolandcorp.com
1317 Park Ave, New Hyde Park, NY 11040

PROJECT ADDRESS:
#11–#27 WEST STREET
BROOKLYN, KINGS CO., NEW YORK
BLOCK ... 2570 LOT..... 1

DRAWN BY:
SCALE: 1" = 30'
SURVEYED FOR:

CERTIFIED TO:

PRELIMINARY DRAWING

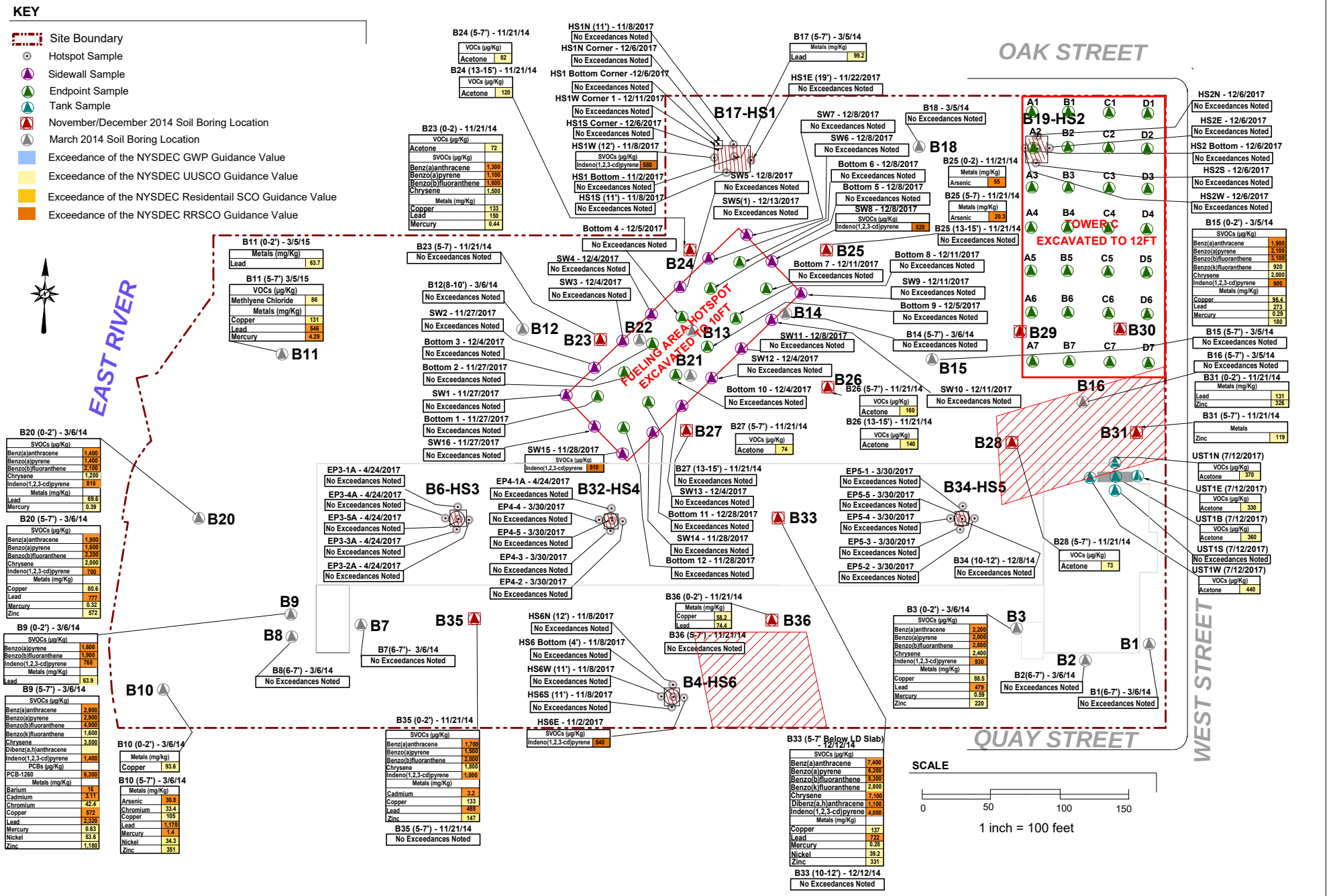
FIGURE 4

EXCAVATION SURVEY

EASEMENT NOTE

"THIS PROPERTY IS SUBJECTED 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 BY 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"

AREA: 312,899.23 SQ.FT = 7.1832 ACRE



EBC Environmental Business Consultants	Phone 631.504.6000 Fax 631. 924 .2870
Figure No. 4	
Site Name:	FORMER CONSOLIDATED FREIGHTWAYS TERMINAL
Site Address:	11 WEST STREET, BROOKLYN, NY
Drawing Title:	REMAINING SOIL EXCEEDENCES MAP

LEGEND

#575	BLDG. NUMBER	(G)	GAS VALVE – ROUND
TR	TRAFFIC BOX	(W)	WATER VALVE – ROUND
CTV	CABLE TV MANHOLE	(V)	UNKNOWN VALVE
E	ELECTRIC MANHOLE	(O)	OIL FILL
		(P)	VENT PIPE
		G	GAS VALVE – SQUARE
		W	WATER VALVE – SQUARE
(S)	SEWER MANHOLE		HYDRANT
		FD	FDNY BOX
(G)	GAS MANHOLE		AUTOMATIC SPRINKLER
(F)	FIRE DEPT. MANHOLE	(U)	UTILITY POLE
(W)	WATER MANHOLE	(L)	L.P. – LIGHT POLE
(T)	TELEPHONE MANHOLE	(T)	TRAFFIC LIGHT
			TRAFFIC SIGN
CB	CATCH BASIN	(M)	PARKING METER
	EXISTING TREE	MB	MAIL BOX
	TELEPHONE BOOTH		METAL GUARD POLE
F	FIRE ALARM BOX		DRAIN INLET

CHM – CHIMNEY	RO – ROOF OVER	STY – STORY
DC – DROP CURB	BSM'T – BASEMENT	CONC. – CONCRETE
BR. – BRICK	L.G. – LEGAL GRADE	M. – METAL

CE – CELLAR ENTRANCE	C.STEPS – CONCRETE STEPS
RET.WALL – RETAINING WALL	B.STEPS – BRICK STEPS
C.WALL – CONCRETE WALL	M.STEPS – METAL STEPS
FND.WALL – FOUNDATION WALL	IR.FE. – IRON FENCE
CH.L.FE. – CHAIN LINK FENCE	M.WELL – MONITORING WELL
OH.S.W. – OVERHEAD SERVICE WIRE	N/S – NORTH SIDE
F.S.M. – FINAL SECTION MAP	T.M. – TAX MAP
OH.COMM. – OVERHANG COMMERCIAL	IRR. – IRREGULAR
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F.FL.EL. – FIRST FLOOR ELEVATION	
T.O.P. – TOP OF ROOF PARAPET ELEVATION	
T.O.M. – TOP OF METAL SHORING	
T.O.S.T. – TOP OF SEWER TRENCH EXCAVATION	
EDGE OF S.T. – EDGE OF SEWER TRENCH	

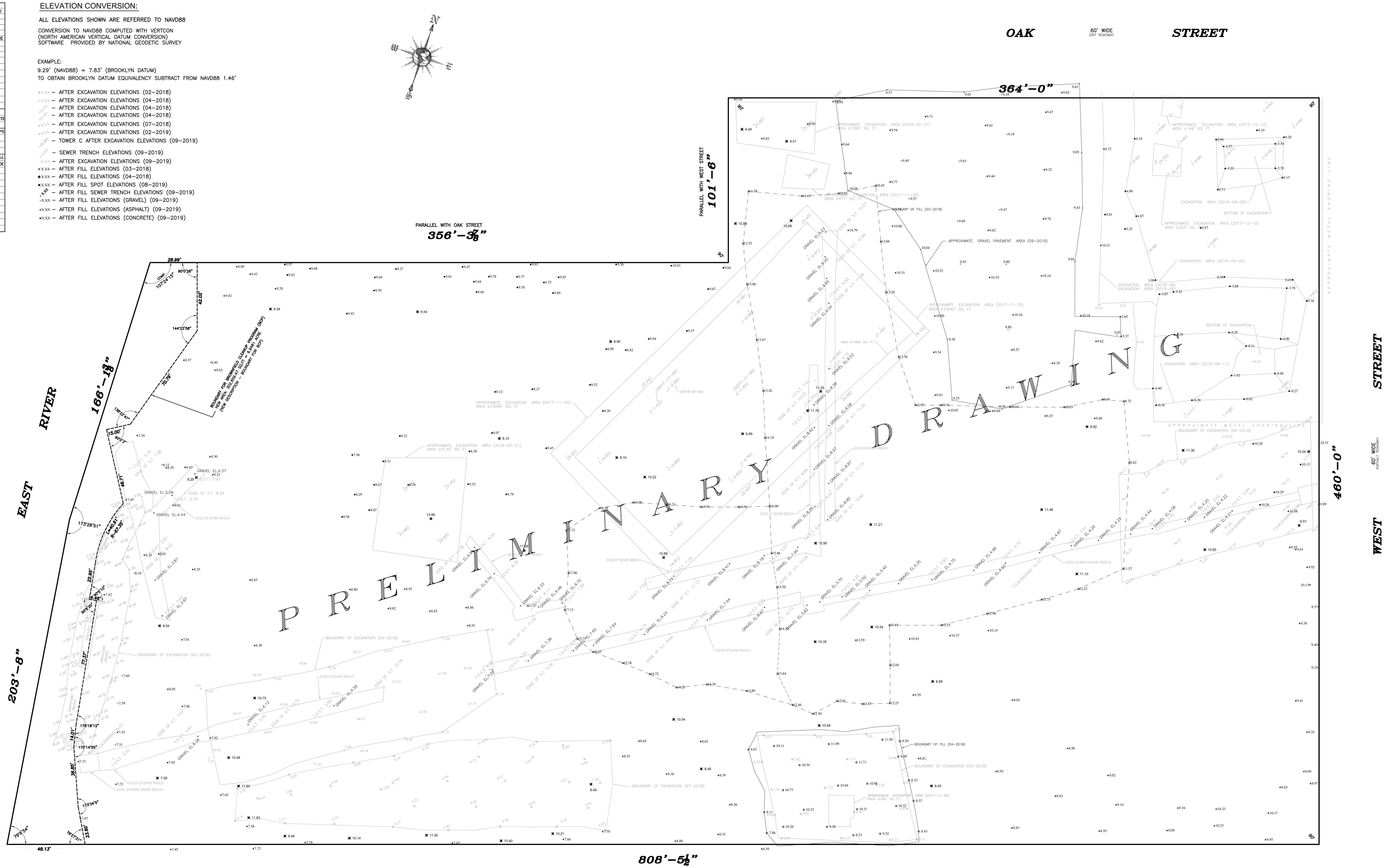
ELEVATION CONVERSION:

ALL ELEVATIONS SHOWN ARE REFERRED TO NAVD88

CONVERSION TO NAVD88 COMPUTED WITH VERTCON
(NORTH AMERICAN VERTICAL DATUM CONVERSION)
SOFTWARE PROVIDED BY NATIONAL GEODETIC SURVEY

EXAMPLE:
9.29' (NAVD88) = 7.83' (BROOKLYN DATUM)
TO OBTAIN BROOKLYN DATUM EQUIVALENCY SUBTRACT FROM NAVD88 1.46'

X.XX – AFTER EXCAVATION ELEVATIONS (02–2018)
X.XX – AFTER EXCAVATION ELEVATIONS (04–2018)
X.XX – AFTER EXCAVATION ELEVATIONS (04–2018)
X.XX – AFTER EXCAVATION ELEVATIONS (04–2018)
X.XX – AFTER EXCAVATION ELEVATIONS (07–2018)
X.XX – AFTER EXCAVATION ELEVATIONS (02–2019)
(X.XX) – TOWER C AFTER EXCAVATION ELEVATIONS (09–2019)
X.XX – SEWER TRENCH ELEVATIONS (09–2019)
X.XX – AFTER EXCAVATION ELEVATIONS (09–2019)
X.XX – AFTER FILL ELEVATIONS (03–2018)
X.XX – AFTER FILL ELEVATIONS (04–2018)
X.XX – AFTER FILL SPOT ELEVATIONS (08–2019)
X.XX – AFTER FILL SEWER TRENCH ELEVATIONS (09–2019)
X.XX – AFTER FILL ELEVATIONS (GRAVEL) (09–2019)
X.XX – AFTER FILL ELEVATIONS (ASPHALT) (09–2019)
X.XX – AFTER FILL ELEVATIONS (CONCRETE) (09–2019)



QUAY STREET
60' WIDE
IRREGULAR ASPHALT PAVEMENT

GeoLand
LAND SURVEYING P.C.
Phone: (718) 701-5030 www.GeoLandCorp.com
Fax: (718) 701-2265 Email: info@geolandcorp.com
1317 Park Ave, New Hyde Park, NY 11040

PROJECT ADDRESS:
#11–#27 WEST STREET
BROOKLYN, KINGS CO., NEW YORK
BLOCK ... 2570 LOT...... 1

DRAWN BY:
SCALE: 1" = 30'
SURVEYED FOR:

CERTIFIED TO:

PRELIMINARY DRAWING

FIGURE 6

FILL SURVEY

EASEMENT NOTE

"THIS PROPERTY IS SUBJECTED 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 BY 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"

AREA: 312,899.23 SQ.FT = 7.1832 ACRE

LEGEND

#575	BLDG. NUMBER	GV	GAS VALVE – ROUND
TR	TRAFFIC BOX	WV	WATER VALVE – ROUND
CTV	CABLE TV MANHOLE	UV	UNKNOWN VALVE
E C	ELECTRIC MANHOLE	OF	OIL FILL
		VP	VENT PIPE
		GV	GAS VALVE – SQUARE
		WV	WATER VALVE – SQUARE
S	SEWER MANHOLE	H	HYDRANT
		FDNY	FDNY BOX
G	GAS MANHOLE	AS	AUTOMATIC SPRINKLER
F	FIRE DEPT. MANHOLE	UP	UTILITY POLE
W	WATER MANHOLE	LP	L.P. – LIGHT POLE
T	TELEPHONE MANHOLE	TL	TRAFFIC LIGHT
CB	CATCH BASIN	TS	TRAFFIC SIGN
	EXISTING TREE	PM	PARKING METER
		MB	MAIL BOX
TB	TELEPHONE BOOTH	MGP	METAL GUARD POLE
FA	FIRE ALARM BOX	DI	DRAIN INLET

CHM – CHIMNEY	RO – ROOF OVER	STY – STORY	
DC – DROP CURB	BSM'T – BASEMENT	CONC. – CONCRETE	
BR. – BRICK	L.G. – LEGAL GRADE	M. – METAL	
CE – CELLAR ENTRANCE	C.STEPS – CONCRETE STEPS		
RET.WALL – RETAINING WALL	B.STEPS – BRICK STEPS		
P.O.B. – POINT OF BEGINNING	M.STEPS – METAL STEPS		
FND.WALL – FOUNDATION WALL	IR.FE. – IRON FENCE		
CH.L.FE. – CHAIN LINK FENCE	C.WALL – CONCRETE WALL		
OH.S.W. – OVERHEAD SERVICE WIRE		N/S – NORTH SIDE	
F.S.M. – FINAL SECTION MAP	T.M. – TAX MAP		
OH.COMM. – OVERHANG COMMERCIAL	IRR. – IRREGULAR		
INV. – SEWER INVERT ELEVATION	ENTR. – ENTRANCE		
T.O.R. – TOP OF ROOF ELEVATION			
T.O.W. – TOP OF WALL ELEVATION			
F.FL.EL. – FIRST FLOOR ELEVATION			
T.O.P. – TOP OF ROOF PARAPET ELEVATION			
T.TANK – TOP OF TANK ELEVATION			

ELEVATION CONVERSION:

ALL ELEVATIONS SHOWN ARE REFERRED TO NAVD88

CONVERSION TO NAVD88 COMPUTED WITH VERTCON (NORTH AMERICAN VERTICAL DATUM CONVERSION) SOFTWARE PROVIDED BY NATIONAL GEODETIC SURVEY

EXAMPLE:

9.29' (NAVD88) = 7.83' (BROOKLYN DATUM)

TO OBTAIN BROOKLYN DATUM EQUIVALENCY SUBTRACT FROM NAVD88 1.46'

FLOOD NOTE:

THE SUBJECT PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION AE (EL 10) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 3604970202F (PANEL 202 OF 457), WITH A DATE OF IDENTIFICATION OF SEPTEMBER 5, 2007, FOR COMMUNITY NO. 360497, IN KINGS COUNTY, STATE OF NEW YORK, WHICH IS THE CURRENT.

THE SUBJECT PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION AE (EL 11) AND AE (EL 12) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON PRELIMINARY FLOOD INSURANCE RATE MAP NO. 3604970202G (PANEL 202 OF 457), WITH A DATE OF IDENTIFICATION OF DECEMBER 5, 2013, FOR COMMUNITY NO. 360497, IN KINGS COUNTY, STATE OF NEW YORK, WHICH IS PRELIMINARY WORK MAP.

LEGAL DESCRIPTION

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

B E G I N N I N G AT THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF QUAY STREET WITH THE WESTERLY SIDE OF WEST STREET;

R U N N I N G T H E N C E NORTHERLY ALONG THE WESTERLY SIDE OF WEST STREET, 460 FEET TO THE SOUTHERLY SIDE OF OAK STREET;

T H E N C E WESTERLY ALONG THE SOUTHERLY SIDE OF OAK STREET, 364 FEET;

T H E N C E SOUTHERLY PARALLEL WITH WEST STREET, 101 FEET 6 INCHES;

T H E N C E WESTERLY PARALLEL WITH OAK STREET, 356 FEET 3⅜ INCHES (SURVEY), (355 FEET 10½ INCHES DEED) TO THE U.S. BULKHEAD LINE APPROVED BY THE SECRETARY OF WAR ON NOVEMBER 7, 1917 AND JUNE 30, 1947.

T H E N C E SOUTHERLY ALONG THE WESTERLY SIDE OF SAID BULKHEAD LINE, 369 FEET 9⅜ INCHES (SURVEY), (371 FEET 3½ INCHES DEED) TO THE NORTHERLY SIDE OF QUAY STREET AND

T H E N C E EASTERLY ALONG THE NORTHERLY SIDE OF QUAY STREET, 808 FEET 5½ INCHES TO THE CORNER, THE POINT OR PLACE OF B E G I N N I N G.

TOTAL AREA 312,899.23 SQ. FT = 7.1832 ACRE

EASEMENT NOTE

"THIS PROPERTY IS SUBJECTED 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 BY 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"

NEW LEGAL DESCRIPTION (BOUNDARY FOR BCP)

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

B E G I N N I N G AT THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF QUAY STREET WITH THE WESTERLY SIDE OF WEST STREET;

R U N N I N G T H E N C E WESTERLY ALONG THE NORTHERLY SIDE OF QUAY STREET, 760.32 FEET, (760 FEET 3⅝ INCHES);

T H E N C E NORTHERLY WITH INTERIOR ANGLE 100 DEGREES 32 MINUTES 29 SECONDS WITH NORTHERLY SIDE OF QUAY STREET, 23.60 FEET, (23 FEET 7⅛ INCHES);

T H E N C E NORTHERLY WITH INTERIOR ANGLE 173 DEGREES 34 MINUTES 05 SECONDS WITH THE LAST MENTIONED COURSE, 36.85 FEET, (36 FEET 10⅛ INCHES);

T H E N C E NORTHERLY WITH INTERIOR ANGLE 170 DEGREES 14 MINUTES 55 SECONDS WITH THE LAST MENTIONED COURSE, 14.01 FEET, (14 FEET 0⅛ INCHES);

T H E N C E NORTHERLY WITH INTERIOR ANGLE 176 DEGREES 18 MINUTES 12 SECONDS WITH THE LAST MENTIONED COURSE, 77.37 FEET, (77 FEET 4½ INCHES);

T H E N C E WESTERLY WITH EXTERIOR ANGLE 90 DEGREES 08 MINUTES 20 SECONDS WITH THE LAST MENTIONED COURSE, 4.46 FEET, (4 FEET 5⅜ INCHES);

T H E N C E NORTHERLY WITH INTERIOR ANGLE 90 DEGREES 06 MINUTES 10 SECONDS WITH THE LAST MENTIONED COURSE, 22.95 FEET, (22 FEET 11⅜ INCHES);

T H E N C E NORTHEASTERLY ALONG ARC WITH RADIUS 67.35 FEET, 40.91 FEET, (40 FEET 10⅛ INCHES);

T H E N C E NORTHWESTERLY 46.71 FEET, (46 FEET 8⅝ INCHES);

T H E N C E EASTERLY WITH INTERIOR ANGLE 90 DEGREES 00 MINUTES 03 SECONDS WITH THE LAST MENTIONED COURSE, 15.00 FEET;

T H E N C E NORTHEASTERLY WITH EXTERIOR ANGLE 138 DEGREES 22 MINUTES 47 SECONDS WITH THE LAST MENTIONED COURSE, 70.79 FEET, (70 FEET 9⅜ INCHES);

T H E N C E NORTHERLY WITH EXTERIOR ANGLE 144 DEGREES 23 MINUTES 58 SECONDS WITH THE LAST MENTIONED COURSE, 42.02 FEET, (42 FEET 0¼ INCHES);

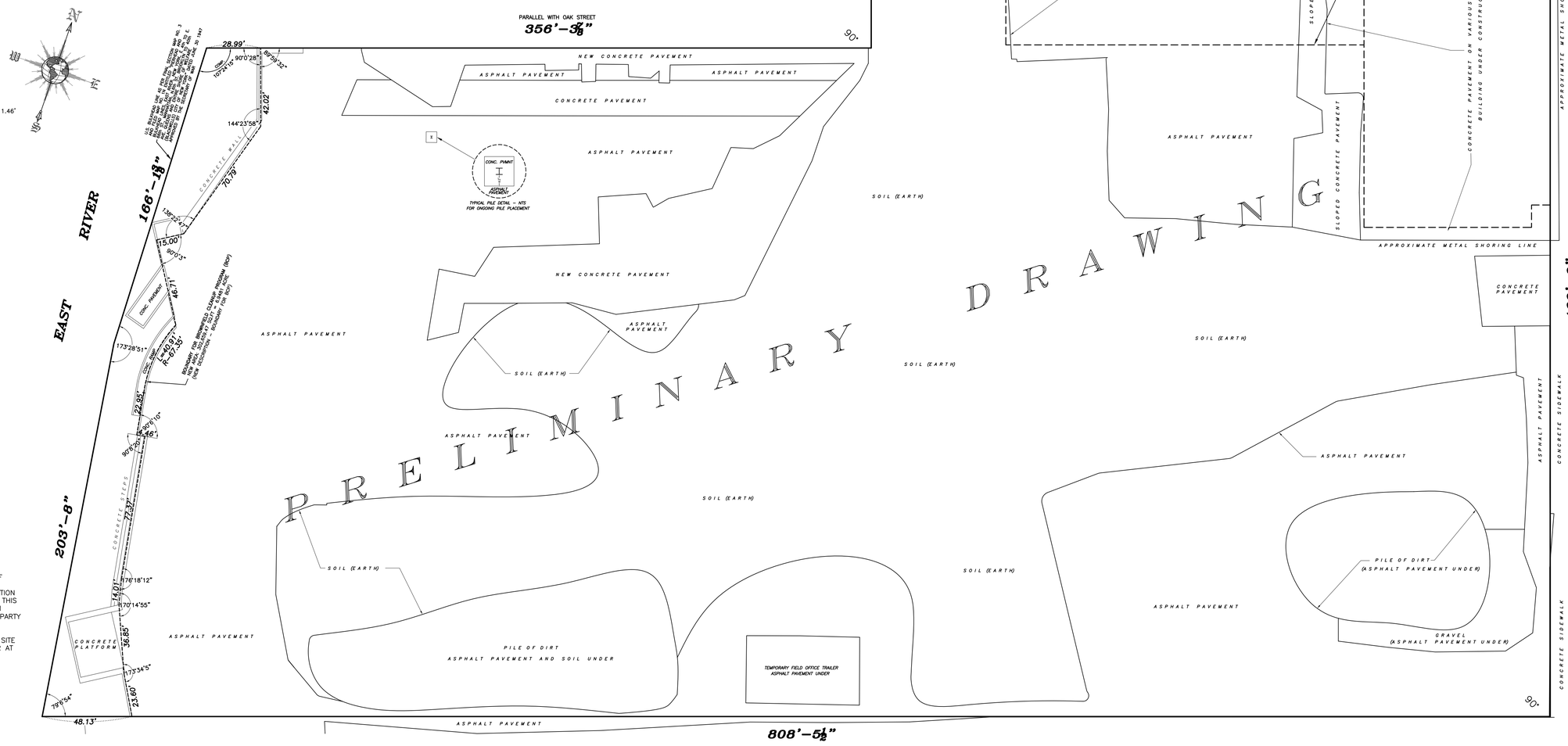
T H E N C E EASTERLY WITH INTERIOR ANGLE 89 DEGREES 59 MINUTES 32 SECONDS WITH THE LAST MENTIONED COURSE, 327.32 FEET, (327 FEET 3⅝ INCHES);

T H E N C E NORTHERLY PARALLEL WITH WEST STREET, 101.50 FEET, (101 FEET 6 INCHES);

T H E N C E EASTERLY ALONG THE SOUTHERLY SIDE OF OAK STREET, 364.00 FEET;

T H E N C E SOUTHERLY ALONG THE WESTERLY SIDE OF WEST STREET, 460.00 FEET TO THE SOUTHERLY SIDE OF OAK STREET, TO THE POINT OR PLACE OF B E G I N N I N G ;

TOTAL AREA 302,659.47SQ. FT = 6.9481 ACRE



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1317 Park Ave, New Hyde Park, NY 11040

PROJECT ADDRESS:
#11–#27 WEST STREET
BROOKLYN, KINGS CO., NEW YORK
BLOCK ... 2570 LOT..... 1

DRAWN BY:
SCALE: 1" = 30'
SURVEYED FOR:

CERTIFIED TO:

PRELIMINARY DRAWING

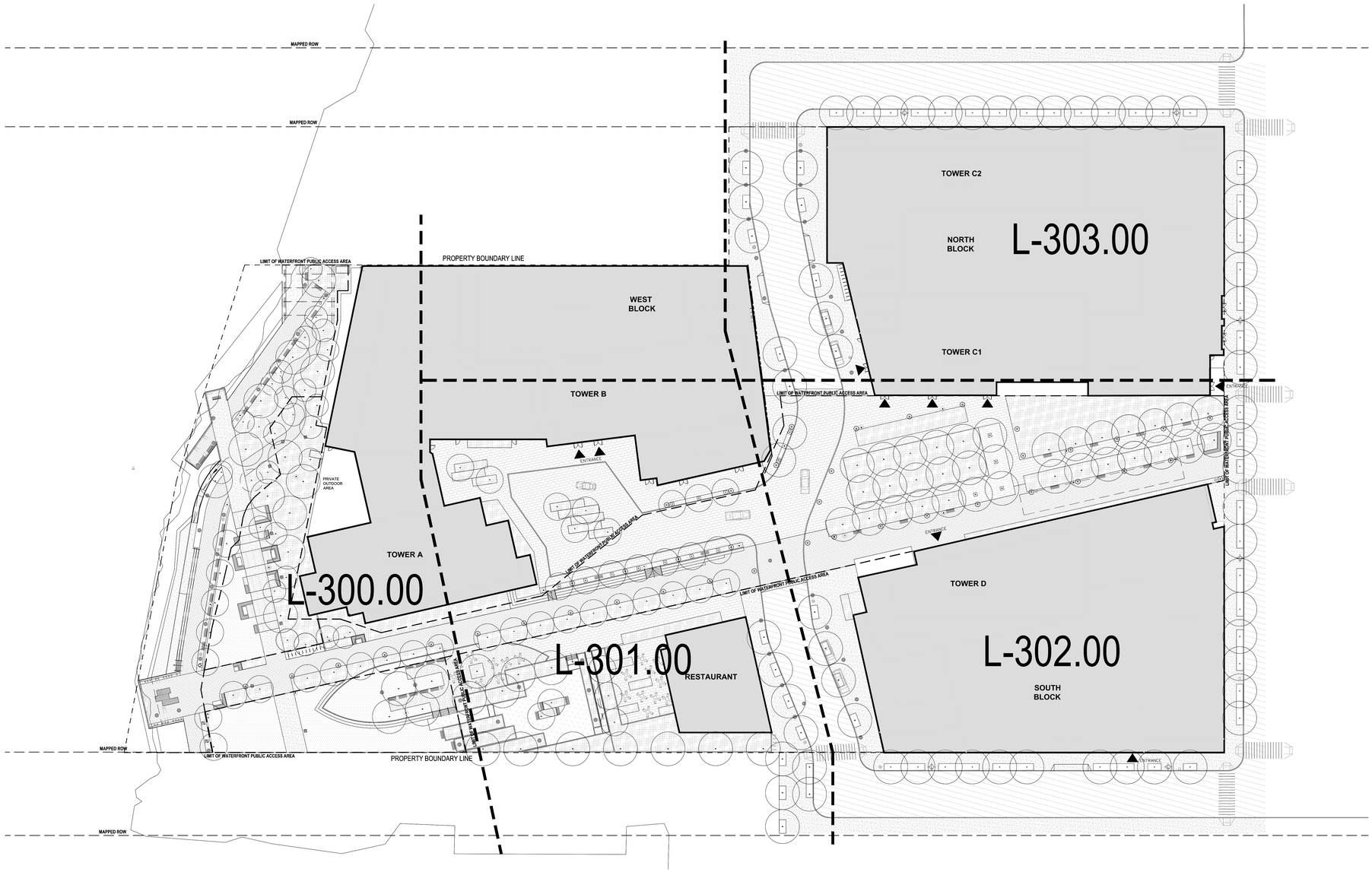
FIGURE 6

CAP SURVEY

AREA: 312,899.23 SQ.FT = 7.1832 ACRE

GRAPHIC SCALE (IN FEET)
10 0 5 10 20 30 40
1 INCH = 30 FT.

GRAPHIC SCALE (IN METERS)
5 0 5 9.144
1 INCH = 9.144 METERS



01 Materials Plan
SCALE 1" = 30'

LEGEND:

- A 4" X 12" ASPHALT PAVER
- B HEX ASPHALT PAVER
- C POURED-IN-PLACE CONCRETE
- E CRUSHED PORCELIAN
- F CONCRETE UNIT PAVERS
- G LAWN
- H PLANTING AREA
- I RIP RAP
- J SAND / GRAVEL
- K PEA GRAVEL
- L ASPHALT
- M SPECIAL CONCRETE PAVER
- P PERVIOUS CONCRETE PAVERS
- U UNIT PAVERS

- BIKE RACK - SINGLE TYPE M1
- BIKE RACK - MULTIPLE TYPE M2
- TRASH CAN TYPE T1
- SIAMESE CONNECTION HYDRANT TYPE H2
- WATER FOUNTAIN
- TRASH CAN TYPE T1
- MOVABLE CAFE SEATING
- HANDRAIL

- BENCH TYPE B1A (METAL WITH BACK)
- BENCH TYPE B1B (METAL W/O BACK)
- BENCH TYPE B5 (W/O BACK) - VARIES
- BENCH TYPE B5 (W/O BACK) - VARIES
- BENCH TYPE B5 (W/O BACK)
- BAR STOOL TYPE S1 (W/O BACK) - 1LF BAR AT RAILING TYPE C1

- BENCH TYPE B4A (WOOD W/ BACK ON CONCRETE WALL) - VARIES
- BENCH TYPE B4B (WOOD W/ BACK) - VARIES
- TABLE TYPE C2

PROJECT:

27-41 WEST STREET
GREENPOINT, BROOKLYN

OWNER:
M & H REALTY HALCYON MANAGEMENT
177 NORTH 11TH STREET
BROOKLYN, NY 11211

EXECUTIVE ARCHITECT :
SLCE *ARCHITECTS, LLP*
1359 BROADWAY
NEW YORK, NY 10018 TEL.: 212 . 979 . 8400

MASTER PLANNER :
COOPER, ROBERTSON & PARTNERS
123 WILLIAM STREET
NEW YORK, NY 10038 TEL: 212 . 247 . 1717

RESIDENTIAL ARCHITECT :
KARL FISCHER ARCHITECT
530 BROADWAY
NEW YORK, NY 10012 TEL: 212 . 219 . 9733

LANDSCAPE ARCHITECT :
W ARCHITECTURE AND LANDSCAPE ARCHITECTURE, LLC
374 FULTON STREET, 3RD FLOOR
BROOKLYN, NY 11201 TEL: 212 . 981 . 3933

STRUCTURAL ENGINEER:
McNamara/Salvia Structural Engineers
250 WEST 49TH STREET, 8TH FL.
NEW YORK, NY 10019 TEL.: 212 . 246. 9800

M E P ENGINEER:
GEA CONSULTING ENGINEERS
545 EIGHTH AVENUE
NEW YORK, NY 10018 TEL.: 212 . 643 . 8006

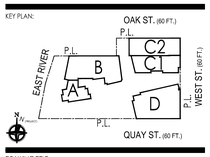
CIVIL ENGINEER:
LANGAN
21 PENN PLAZA, 360 W. 31ST STREET
NEW YORK, NY 10001 TEL.: 212 . 479 . 5500

PROGRESS PRINT
03-30-17

No:	Date:	Revision:

SCALE:

KEY PLAN:



DRAWING TITLE:

MATERIALS PLAN
OVERALL

SEAL & SIGNATURE:

DATE:
PROJECT No:
DRAWN BY:
CHECKED BY:
DRAWING No:

L-100.00

CADD FILE No:
SCHEME 1 - MAR 30 (SheetPlot1).DWG
SCHEME 1 - MAR 30
L-100.00 - 1/30/30, Site Materials Plan

OF 149

TABLES

TABLE 1
Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
METALS							
Arsenic	7440-38 -2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39 -3	350[f]	400	400	10,000 [d]	433	820
Beryllium	7440-41 -7	14	72	590	2,700	10	47
Cadmium	7440-43 -9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent [h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent[h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50 -8	270	270	270	10,000 [d]	50	1,720
Total Cyanide [h]		27	27	27	10,000 [d]	NS	40
Lead	7439-92 -1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96 -5	2,000[f]	2,000[f]	10,000 [d]	10,000 [d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02 -0	140	310	310	10,000 [d]	30	130
Selenium	7782-49 -2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22 -4	36	180	1,500	6,800	2	8.3
Zinc	7440-66 -6	2200	10,000 [d]	10,000 [d]	10,000 [d]	109[f]	2,480
PESTICIDES / PCBs							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e]	17
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e]	136
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 [e]	14
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[g]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71 -9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[g]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07 -8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36 -3	1	1	1	25	1	3.2
SEMI-VOLATILES							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b) fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i) perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k) fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h) anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd) pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]

TABLE 1
Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
VOLATILES							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12
Methyl tert-butyl ether	1634-04 -4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20 -7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All soil cleanup objectives (SCOs) are in parts per million (ppm). NS=Not specified. See Technical Support Document (TSD). Footnotes

a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

b The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

d The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

TABLE 3
Waste Characterization Sampling Summary

Grid Section/Area	Sample Collection Method	Number of Waste Characterization Soil Samples	Rationale for Sampling	Laboratory Analysis
Loading Dock	Area broken into 8 Grid Sections (A-H) 4 soil borings performed within each of the 8 Grid Sections to collect soil samples	8 – 5-pt Composite Soil Samples 8 Grab Soil Samples	To obtain soil disposal approval for soil to be excavated from the loading dock.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs (8081/8082), RCRA characteristics, RCRA Metals. Grabs – VOCs (8260)
Loading Dock (supplemental)	Grid Sections A and B divided into A1, A2, B1, B2. Test pits were excavated within each of the smaller grid sections to collect soil samples representing 0-5ft.	4 – 5-pt Composite Soil Samples 4 Grab Soil Samples	To obtain soil disposal approval for additional soil/fill to be excavated from the loading dock because the original approved tonnage had been reached.	5-pt Composites - SVOCs (8270), RCRA Metals pesticide / PCBs, (8081/8082), RCRA Characteristics, TCLP Metals. Grabs – VOCs (8260)
Former Fueling Area Hotspot (initial)	Performed three soil borings within the RAWP proposed area of the Former Fueling Area Hotspot to collect soil samples representing 0-5ft and 5-10ft.	2 – 6-pt Composite Soil Samples 2 Grab Soil Samples	To obtain soil disposal approval for soil to be excavated from the loading dock.	6-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / (8081/8082), RCRA characteristics, TCLP Metals. Grabs – VOCs (8260)
Former Fueling Area Hotspot (final)	Larger Hotspot Area broken into 5 Grid Sections (FA1, FA2, FA3, FA4, FA5). 5 soil borings performed within each of the 5 Grid Sections to collect soil samples representing 0-5ft and 5-10ft.	10 – 5-pt Composite Soil Samples 10 Grab Soil Samples	To obtain soil disposal approval for soil to be excavated from the loading dock.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / (8081/8082), RCRA characteristics, TCLP Metals. Grabs – VOCs (8260)
Cellar Area of Building C	Area broken into 3 colored Grid Sections (Red, Blue, Yellow). 5 soil borings performed within each of the 3 Grid Sections to collect soil samples representing 0-2ft, 2-4ft, 4-8ft, 8-12ft, 12-16ft.	15 – 5-pt Composite Soil Samples 15 Grab Soil Samples	To obtain soil disposal approval for soil/fill to be excavated for the cellar of Building C.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grabs – VOCs (8260)
Stormwater Sewer Trench Excavations	Two soil stockpiles (185 cubic yards and 325 cubic yards) generated by excavating trenches to install a sewer pipe. Grab samples collected from the stockpiles to form representative samples.	2 – 5-pt Composite Soil Samples 2 Grab Soil Samples	To obtain soil disposal approval for the two soil/fill stockpiles generated by excavating sewer trenches.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grabs – VOCs (8260)

TABLE 3
Waste Characterization Sampling Summary

C4/D4 Boundary Excavation	One soil stockpile generated by excavating the top 2ft of soil/fill from an area at the C4/D4 grid section boundary to install 2 ft of clean soil over a demarcation barrier. Grab samples collected from the stockpile to form representative samples.	1 – 5-pt Composite Soil Sample 1 Grab Soil Sample	To obtain soil disposal approval for the soil/fill stockpile generated by excavating the top 2ft of soil/fill at the C4/D4 grid section boundary.	5-pt Composite - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grab – VOCs (8260)
B4 Excavation	One soil stockpile (400 cubic yards) generated by excavating the top 1 to 2ft of soil/fill from Grid Section B4 boundary to install 2 ft of clean soil over a demarcation barrier. Grab samples collected from the stockpile to form representative samples.	1 – 5-pt Composite Soil Sample 1 Grab Soil Sample	To obtain soil disposal approval for the soil/fill stockpile generated by excavating the top 1-2ft of soil/fill from Grid Section B4.	5-pt Composite - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grab – VOCs (8260)
E2/West Street Boundary Excavation	Two soil stockpiles generated by excavating and stockpiling soil/fill from 0-2ft and 2-3ft from Grid Section E2 to install 2 ft of clean soil over a demarcation barrier. Grab samples collected from the stockpiles to form representative samples.	2 – 5-pt Composite Soil Samples 2 Grab Soil Sample	To obtain soil disposal approval for the two soil/fill stockpiles generated by excavating soil/fill from 0-2ft and 2-3ft from Grid Section E2.	5-pt Composite - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grab – VOCs (8260)
Shoreline SB Comp(0-5) and SB Comp (5-10)	Performed five soil borings within the on-Site portion of the shoreline to collect soil samples representing 0-5ft, and 5-10ft.	2 – 5-pt Composite Soil Samples 2 Grab Soil Samples	To obtain soil disposal approval for the on-Site soil/fill to be excavated to install the bulkhead/pier along the shoreline.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grabs – VOCs (8260)
Shoreline Shorefront Comp	Five test pits were excavated within the off-Site portion of the shoreline to collect soil samples representative of the soil/fill to be removed from the off-Site shoreline area.	1 – 5-pt Composite Soil Sample 1 Grab Soil Sample	To obtain soil disposal approval for the off-Site soil/fill to be excavated to install the bulkhead/pier along the shoreline.	5-pt Composite - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grab – VOCs (8260)
Shoreline Waterfront North Shoreline North	Test pits were excavated within the on-Site and off-Site areas on the north end of the shoreline to collect soil samples representative of the soil/fill to be removed from the area.	2 – 5-pt Composite Soil Samples 2 Grab Soil Samples	To obtain soil disposal approval for the soil/fill to be excavated to install the bulkhead/pier along the north end of the shoreline.	5-pt Composites - SVOCs (8270), TAL Metals pesticide / PCBs / herbicides (8081/8082), RCRA characteristics, EPH, TCLP Metals. Grabs – VOCs (8260)

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B1		B2		B3			
					(6-7')		(6-7')		(0-2)		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,1,2,2-Tetrachloroethane					< 3.2	3.2	< 3.7	3.7	< 160	160	< 3.1	3.1
1,1,2-Trichloroethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,1-Dichloroethane	270	270	19,000	26,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,1-Dichloroethene	330	330	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,1-Dichloropropene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2,3-Trichlorobenzene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2,3-Trichloropropane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2,4-Trichlorobenzene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2-Dibromo-3-chloropropane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2-Dibromomethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2-Dichloroethane	20	20	2,300	3,100	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,2-Dichloropropane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,3-Dichloropropane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
2,2-Dichloropropane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
2-Chlorotoluene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
2-Hexanone (Methyl Butyl Ketone)					< 27	27	< 31	31	< 1300	1,300	< 26	26
2-Isopropyltoluene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
4-Chlorotoluene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
4-Methyl-2-Pentanone					< 27	27	< 31	31	< 1300	1,300	< 26	26
Acetone	50	50	100,000	100,000	< 32	32	< 37	37	< 1600	1,600	< 31	31
Acrylonitrile					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Benzene	60	60	2,900	4,800	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Bromobenzene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Bromochloromethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Bromodichloromethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Bromoform					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Bromomethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Carbon Disulfide					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Carbon tetrachloride	760	760	1,400	2,400	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Chloroethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Chloroform	370	370	10,000	49,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Chloromethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
cis-1,3-Dichloropropene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Dibromochloromethane					< 3.2	3.2	< 3.7	3.7	< 160	160	< 3.1	3.1
Dibromomethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Dichlorodifluoromethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Hexachlorobutadiene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Isopropylbenzene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
m&p-Xylenes	160	260	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 32	32	< 37	37	< 1600	1,600	< 31	31
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 12	12	< 520	520	< 10	10
Methylene chloride	50	50	51,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Naphthalene	12,000	12,000	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
o-Xylene	160	260	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
p-Isopropyltoluene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Styrene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Tetrahydrofuran (THF)					< 11	11	< 12	12	< 520	520	< 10	10
Toluene	700	700	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Total Xylenes					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
trans-1,3-Dichloropropene					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
trabs-1,4-dichloro-2-butene					< 11	11	< 12	12	< 520	520	< 10	10
Trichloroethene	470	470	10,000	21,000	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Trichlorofluoromethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Trichlorotrifluoroethane					< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Vinyl Chloride	20	20	210	900	< 5.3	5.3	< 6.1	6.1	< 260	260	< 5.1	5.1
Total BTEX Concentration					**0**		**0**		**0**		**0**	
Total VOCs Concentration					**0**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
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Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B4				B6			
					(0-2)		(5-7')		(0-2)		(5-7')	
					3/6/2014		3/6/2014		3/5/2014		3/5/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,1,2,2-Tetrachloroethane					< 4.7	4.7	< 4.1	4.1	< 5.3	5.3	< 290	290
1,1,2-Trichloroethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,1-Dichloroethane	270	270	19,000	26,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,1-Dichloroethene	330	330	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,1-Dichloropropene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2,3-Trichlorobenzene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2,3-Trichloropropane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2,4-Trichlorobenzene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2-Dibromo-3-chloropropane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2-Dibromomethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2-Dichloroethane	20	20	2,300	3,100	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,2-Dichloropropane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,3-Dichloropropane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
2,2-Dichloropropane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
2-Chlorotoluene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
2-Hexanone (Methyl Butyl Ketone)					< 39	39	< 34	34	< 27	27	< 1400	1,400
2-Isopropyltoluene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
4-Chlorotoluene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
4-Methyl-2-Pentanone					< 39	39	< 34	34	< 27	27	< 1400	1,400
Acetone	50	50	100,000	100,000	< 47	47	< 41	41	< 50	50	< 2900	2,900
Acrylonitrile					< 7.8	7.8	< 6.8	6.8	< 11	11	< 570	570
Benzene	60	60	2,900	4,800	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Bromobenzene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Bromochloromethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Bromodichloromethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Bromoform					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Bromomethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Carbon Disulfide					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Carbon tetrachloride	760	760	1,400	2,400	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Chloroethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Chloroform	370	370	10,000	49,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Chloromethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
cis-1,3-Dichloropropene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Dibromochloromethane					< 4.7	4.7	< 4.1	4.1	< 5.3	5.3	< 290	290
Dibromomethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Dichlorodifluoromethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Hexachlorobutadiene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Isopropylbenzene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
m&p-Xylenes	160	260	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 47	47	< 41	41	< 32	32	< 1700	1,700
Methyl t-butyl ether (MTBE)		930		100,000	< 16	16	< 14	14	< 11	11	< 570	570
Methylene chloride	50	50	51,000	100,000	< 7.8	7.8	< 6.8	6.8	**0.9**	5.3	**90**	290
Naphthalene	12,000	12,000	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	**2,900**	290
n-Butylbenzene	12,000	12,000	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
n-Propylbenzene	3,900	3,900	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
o-Xylene	160	260	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
p-Isopropyltoluene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Styrene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Tetrahydrofuran (THF)					< 16	16	< 14	14	< 11	11	< 570	570
Toluene	700	700	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	**730**	290
Total Xylenes					< 7.8	7.8	< 6.8	6.8	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
trans-1,3-Dichloropropene					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
trabs-1,4-dichloro-2-butene					< 16	16	< 14	14	< 11	11	< 570	570
Trichloroethene	470	470	10,000	21,000	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Trichlorofluoromethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Trichlorotrifluoroethane					< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Vinyl Chloride	20	20	210	900	< 7.8	7.8	< 6.8	6.8	< 5.3	5.3	< 290	290
Total BTEX Concentration					**0**		**0**		**0**		**0**	
Total VOCs Concentration					**0**		**0**		**0.9**		**3,720**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B7		B8		B9			
					(6-7')		(6-7')		(0-2)		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,1,1-Trichloroethane	680	680	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,1,2,2-Tetrachloroethane					< 5.0	5	< 4.1	4.1	< 4.1	4.1	< 8.2	8.2
1,1,2-Trichloroethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,1-Dichloroethane	270	270	19,000	26,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,1-Dichloroethene	330	330	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,1-Dichloropropene					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,2,3-Trichlorobenzene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2,3-Trichloropropane					< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2,4-Trichlorobenzene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2-Dibromo-3-chloropropane					< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2-Dibromomethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,2-Dichloroethane	20	20	2,300	3,100	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,2-Dichloropropane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 250	250	< 230	230	< 6.8	6.8	< 470	470
1,3-Dichloropropane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
2,2-Dichloropropane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
2-Chlorotoluene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
2-Hexanone (Methyl Butyl Ketone)					< 42	42	< 34	34	< 34	34	< 68	68
2-Isopropyltoluene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
4-Chlorotoluene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
4-Methyl-2-Pentanone					< 42	42	< 34	34	< 34	34	< 68	68
Acetone	50	50	100,000	100,000	< 50	50	< 41	41	< 41	41	< 82	82
Acrylonitrile					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Benzene	60	60	2,900	4,800	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Bromobenzene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
Bromochloromethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Bromodichloromethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Bromoform					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Bromomethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Carbon Disulfide					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Carbon tetrachloride	760	760	1,400	2,400	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Chlorobenzene	1,100	1,100	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Chloroethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Chloroform	370	370	10,000	49,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Chloromethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
cis-1,3-Dichloropropene					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Dibromochloromethane					< 5.0	5	< 4.1	4.1	< 4.1	4.1	< 8.2	8.2
Dibromomethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Dichlorodifluoromethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Ethylbenzene	1,000	1,000	30,000	41,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Hexachlorobutadiene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
Isopropylbenzene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
m&p-Xylenes	160	260	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 50	50	< 41	41	< 41	41	< 82	82
Methyl t-butyl ether (MTBE)		930		100,000	< 17	17	< 14	14	< 14	14	< 27	27
Methylene chloride	50	50	51,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
n-Butylbenzene	12,000	12,000	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
n-Propylbenzene	3,900	3,900	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
o-Xylene	160	260	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
p-Isopropyltoluene					< 250	250	< 230	230	< 6.8	6.8	< 470	470
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
Styrene					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 250	250	< 230	230	< 6.8	6.8	< 470	470
Tetrachloroethene	1,300	1,300	5,000	19,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Tetrahydrofuran (THF)					< 17	17	< 14	14	< 14	14	< 27	27
Toluene	700	700	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Total Xylenes					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
trans-1,3-Dichloropropene					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
trabs-1,4-dichloro-2-butene					< 500	500	< 460	460	< 14	14	< 940	940
Trichloroethene	470	470	10,000	21,000	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Trichlorofluoromethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Trichlorotrifluoroethane					< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Vinyl Chloride	20	20	210	900	< 8.3	8.3	< 6.8	6.8	< 6.8	6.8	< 14	14
Total BTEX Concentration					**0**		**0**		**0**		**0**	
Total VOCs Concentration					**0**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results									
					B10				B11				B12	
					(0-2')		(5-7')		(0-2')		(5-7')		(8-10')	
					3/6/2014		3/6/2014		3/5/2014		3/5/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1,2,2-Tetrachloroethane					< 4.6	4.6	< 7.7	7.7	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1,2-Trichloroethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1-Dichloroethane	270	270	19,000	26,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1-Dichloroethene	330	330	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,1-Dichloropropene					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,2,3-Trichlorobenzene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2,3-Trichloropropane					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2,4-Trichlorobenzene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2-Dibromo-3-chloropropane					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2-Dibromomethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,2-Dichloroethane	20	20	2,300	3,100	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,2-Dichloropropane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
1,3-Dichloropropane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
2,2-Dichloropropane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
2-Chlorotoluene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
2-Hexanone (Methyl Butyl Ketone)					< 38	38	< 64	64	< 28	28	< 1500	1,500	< 29	29
2-Isopropyltoluene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
4-Chlorotoluene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
4-Methyl-2-Pentanone					< 38	38	< 64	64	< 28	28	< 1500	1,500	< 29	29
Acetone	50	50	100,000	100,000	< 46	46	< 77	77	< 50	50	< 2900	2,900	< 50	50
Acrylonitrile					< 7.7	7.7	< 13	13	< 11	11	< 580	580	< 12	12
Benzene	60	60	2,900	4,800	< 7.7	7.7	< 13	13	< 5.6	5.6	< 60	60	< 5.8	5.8
Bromobenzene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
Bromochloromethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Bromodichloromethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Bromoform					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Bromomethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Carbon Disulfide					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Carbon tetrachloride	760	760	1,400	2,400	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Chloroethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Chloroform	370	370	10,000	49,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Chloromethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
cis-1,3-Dichloropropene					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Dibromochloromethane					< 4.6	4.6	< 7.7	7.7	< 5.6	5.6	< 290	290	< 5.8	5.8
Dibromomethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Dichlorodifluoromethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Hexachlorobutadiene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
Isopropylbenzene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
m&p-Xylenes	160	260	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 46	46	< 77	77	< 34	34	< 1700	1,700	< 35	35
Methyl t-butyl ether (MTBE)		930		100,000	< 15	15	< 26	26	< 11	11	< 580	580	< 12	12
Methylene chloride	50	50	51,000	100,000	< 7.7	7.7	< 13	13	**1.4**	5.6	**86**	290	**2.9**	5.8
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
n-Butylbenzene	12,000	12,000	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
n-Propylbenzene	3,900	3,900	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
o-Xylene	160	260	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
p-Isopropyltoluene					< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
Styrene					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 280	280	< 320	320	< 280	280	< 290	290	< 5.8	5.8
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Tetrahydrofuran (THF)					< 15	15	< 26	26	< 11	11	< 580	580	< 12	12
Toluene	700	700	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	**160**	290	**51**	290
Total Xylenes					< 7.7	7.7	< 13	13	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
trans-1,3-Dichloropropene					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
trabs-1,4-dichloro-2-butene					< 560	560	< 630	630	< 560	560	< 580	580	< 12	12
Trichloroethene	470	470	10,000	21,000	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Trichlorofluoromethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Trichlorotrifluoroethane					< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Vinyl Chloride	20	20	210	900	< 7.7	7.7	< 13	13	< 5.6	5.6	< 290	290	< 5.8	5.8
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**0**		**0**		**1.4**		**246**		**53.9**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results									
					B13				B14		B15			
					(0-2')		(5-7')		(5-7')		(0-2')		(5-7')	
					3/5/2014		3/5/2014		3/6/2014		3/5/2014		3/5/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1,2,2-Tetrachloroethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1,2-Trichloroethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1-Dichloroethane	270	270	19,000	26,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1-Dichloroethene	330	330	100,000	100,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,1-Dichloropropene					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2,3-Trichlorobenzene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2,3-Trichloropropane					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2,4-Trichlorobenzene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	**180**	280	**77**	300	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2-Dibromo-3-chloropropane					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2-Dibromomethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2-Dichloroethane	20	20	2,300	3,100	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,2-Dichloropropane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	**39**	280	**4**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,3-Dichloropropane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
2,2-Dichloropropane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
2-Chlorotoluene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
2-Hexanone (Methyl Butyl Ketone)					< 28	28	< 30	30	< 31	31	< 28	28	< 28	28
2-Isopropyltoluene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
4-Chlorotoluene					< 280	280	**0.76**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
4-Methyl-2-Pentanone					< 28	28	< 30	30	< 31	31	< 28	28	< 28	28
Acetone	50	50	100,000	100,000	< 50	50	**7.2**	50	< 50	50	< 50	50	< 50	50
Acrylonitrile					< 11	11	< 12	12	< 12	12	< 11	11	< 11	11
Benzene	60	60	2,900	4,800	< 5.6	5.6	**2.9**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Bromobenzene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Bromochloromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Bromodichloromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Bromoform					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Bromomethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Carbon Disulfide					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Carbon tetrachloride	760	760	1,400	2,400	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Chloroethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Chloroform	370	370	10,000	49,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Chloromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
cis-1,3-Dichloropropene					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Dibromochloromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Dibromomethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Dichlorodifluoromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Ethylbenzene	1,000	1,000	30,000	41,000	**2.3**	5.6	**2**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Hexachlorobutadiene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Isopropylbenzene					< 280	280	**1.4**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
m&p-Xylenes	160	260	100,000	100,000	**9.3**	5.6	**9**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 34	34	< 37	37	< 37	37	< 34	34	< 34	34
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 12	12	< 12	12	< 11	11	< 11	11
Methylene chloride	50	50	51,000	100,000	**1.3**	5.6	**1.7**	6.1	**1.4**	6.1	**1.1**	5.6	**1.3**	5.7
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 300	300	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
n-Butylbenzene	12,000	12,000	100,000	100,000	< 280	280	**5.3**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
n-Propylbenzene	3,900	3,900	100,000	100,000	< 280	280	**3.5**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
o-Xylene	160	260	100,000	100,000	**9.2**	5.6	**3.6**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
p-Isopropyltoluene					< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 280	280	**2.9**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Styrene					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 280	280	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Tetrahydrofuran (THF)					< 11	11	< 12	12	< 12	12	< 11	11	< 11	11
Toluene	700	700	100,000	100,000	**1.6**	5.6	**4.7**	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Total Xylenes					-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
trans-1,3-Dichloropropene					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
trabs-1,4-dichloro-2-butene					< 560	560	< 12	12	< 12	12	< 11	11	< 11	11
Trichloroethene	470	470	10,000	21,000	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Trichlorofluoromethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Trichlorotrifluoroethane					< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Vinyl Chloride	20	20	210	900	< 5.6	5.6	< 6.1	6.1	< 6.1	6.1	< 5.6	5.6	< 5.7	5.7
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**242.7**		**125.96**		**1.4**		**1.1**		**1.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B16				B17			
					(0-2')		(5-7')		(0-2')		(5-7')	
					3/5/2014		3/5/2014		3/5/2014		3/5/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1,2,2-Tetrachloroethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1,2-Trichloroethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1-Dichloroethane	270	270	19,000	26,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1-Dichloroethene	330	330	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,1-Dichloropropene					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,2,3-Trichlorobenzene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2,3-Trichloropropane					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2,4-Trichlorobenzene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2-Dibromo-3-chloropropane					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2-Dibromomethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,2-Dichloroethane	20	20	2,300	3,100	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,2-Dichloropropane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
1,3-Dichloropropane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
2,2-Dichloropropane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
2-Chlorotoluene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
2-Hexanone (Methyl Butyl Ketone)					< 28	28	< 30	30	< 31	31	< 29	29
2-Isopropyltoluene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
4-Chlorotoluene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
4-Methyl-2-Pentanone					< 28	28	< 30	30	< 31	31	< 29	29
Acetone	50	50	100,000	100,000	< 50	50	**36**	50	< 50	50	< 50	50
Acrylonitrile					< 11	11	< 12	12	< 12	12	< 12	12
Benzene	60	60	2,900	4,800	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Bromobenzene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
Bromochloromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Bromodichloromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Bromoform					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Bromomethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Carbon Disulfide					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Carbon tetrachloride	760	760	1,400	2,400	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Chloroethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Chloroform	370	370	10,000	49,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Chloromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
cis-1,3-Dichloropropene					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Dibromochloromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Dibromomethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Dichlorodifluoromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Hexachlorobutadiene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
Isopropylbenzene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
m&p-Xylenes	160	260	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 34	34	**9.3**	36	< 37	37	< 35	35
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 12	12	< 12	12	< 12	12
Methylene chloride	50	50	51,000	100,000	**1.9**	5.7	**1.2**	6	**1.7**	6.2	**1.3**	5.9
Naphthalene	12,000	12,000	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
o-Xylene	160	260	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
p-Isopropyltoluene					< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
Styrene					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 5.7	5.7	< 6.0	6	< 300	300	< 5.9	5.9
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Tetrahydrofuran (THF)					< 11	11	< 12	12	< 12	12	< 12	12
Toluene	700	700	100,000	100,000	**1.1**	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Total Xylenes					-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
trans-1,3-Dichloropropene					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
trabs-1,4-dichloro-2-butene					< 11	11	< 12	12	< 610	610	< 12	12
Trichloroethene	470	470	10,000	21,000	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Trichlorofluoromethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Trichlorotrifluoroethane					< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Vinyl Chloride	20	20	210	900	< 5.7	5.7	< 6.0	6	< 6.2	6.2	< 5.9	5.9
Total BTEX Concentration					**0**		**9.3**		**0**		**0**	
Total VOCs Concentration					**3**		**46.5**		**1.7**		**1.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B18				B19			
					(0-2')		(5-7')		(0-2')		(5-7')	
					3/5/2014		3/5/2014		3/5/2014		3/5/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1,2,2-Tetrachloroethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1,2-Trichloroethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1-Dichloroethane	270	270	19,000	26,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1-Dichloroethene	330	330	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,1-Dichloropropene					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,2,3-Trichlorobenzene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2,3-Trichloropropane					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2,4-Trichlorobenzene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2-Dibromo-3-chloropropane					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2-Dibromomethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,2-Dichloroethane	20	20	2,300	3,100	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,2-Dichloropropane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
1,3-Dichloropropane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
2,2-Dichloropropane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
2-Chlorotoluene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
2-Hexanone (Methyl Butyl Ketone)					< 28	28	< 30	30	< 27	27	< 30	30
2-Isopropyltoluene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
4-Chlorotoluene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
4-Methyl-2-Pentanone					< 28	28	< 30	30	< 27	27	< 30	30
Acetone	50	50	100,000	100,000	< 50	50	< 50	50	< 50	50	< 50	50
Acrylonitrile					< 11	11	< 12	12	< 11	11	< 12	12
Benzene	60	60	2,900	4,800	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Bromobenzene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
Bromochloromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Bromodichloromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Bromoform					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Bromomethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Carbon Disulfide					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Carbon tetrachloride	760	760	1,400	2,400	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Chloroethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Chloroform	370	370	10,000	49,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Chloromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
cis-1,3-Dichloropropene					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Dibromochloromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Dibromomethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Dichlorodifluoromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Hexachlorobutadiene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
Isopropylbenzene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
m&p-Xylenes	160	260	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 34	34	< 36	36	< 33	33	< 36	36
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 12	12	< 11	11	< 12	12
Methylene chloride	50	50	51,000	100,000	**1.3**	5.6	**1.5**	6	**1.7**	5.4	**1.5**	6
Naphthalene	12,000	12,000	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
o-Xylene	160	260	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
p-Isopropyltoluene					< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
Styrene					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 5.6	5.6	< 6.0	6	< 280	280	< 6.0	6
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Tetrahydrofuran (THF)					< 11	11	< 12	12	< 11	11	< 12	12
Toluene	700	700	100,000	100,000	< 5.6	5.6	< 6.0	6	**1**	5.4	< 6.0	6
Total Xylenes					-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
trans-1,3-Dichloropropene					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
trabs-1,4-dichloro-2-butene					< 11	11	< 12	12	< 560	560	< 12	12
Trichloroethene	470	470	10,000	21,000	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Trichlorofluoromethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Trichlorotrifluoroethane					< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Vinyl Chloride	20	20	210	900	< 5.6	5.6	< 6.0	6	< 5.4	5.4	< 6.0	6
Total BTEX Concentration					**0**		**0**		**0**		**0**	
Total VOCs Concentration					**1.3**		**1.5**		**2.7**		**1.5**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B20				B21		B22	
					(0-2')		(5-7')		(6-8')		(6-8')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,1,1-Trichloroethane	680	680	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,1,2,2-Tetrachloroethane					< 2.4	2.4	< 5.9	5.9	< 5.0	5	< 180	180
1,1,2-Trichloroethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,1-Dichloroethane	270	270	19,000	26,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,1-Dichloroethene	330	330	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,1-Dichloropropene					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2,3-Trichlorobenzene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2,3-Trichloropropane					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2,4-Trichlorobenzene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2-Dibromo-3-chloropropane					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2-Dibromomethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2-Dichloroethane	20	20	2,300	3,100	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,2-Dichloropropane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
1,3-Dichloropropane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
2,2-Dichloropropane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
2-Chlorotoluene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
2-Hexanone (Methyl Butyl Ketone)					< 20	20	< 49	49	< 42	42	< 1500	1,500
2-Isopropyltoluene					< 270	270	< 9.9	9.9	< 8.4	8.4	**640**	310
4-Chlorotoluene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
4-Methyl-2-Pentanone					< 20	20	< 49	49	< 42	42	< 1500	1,500
Acetone	50	50	100,000	100,000	< 24	24	< 59	59	< 50	50	< 1800	1,800
Acrylonitrile					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Benzene	60	60	2,900	4,800	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Bromobenzene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
Bromochloromethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Bromodichloromethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Bromoform					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Bromomethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Carbon Disulfide					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Carbon tetrachloride	760	760	1,400	2,400	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Chlorobenzene	1,100	1,100	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Chloroethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Chloroform	370	370	10,000	49,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Chloromethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
cis-1,3-Dichloropropene					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Dibromochloromethane					< 2.4	2.4	< 5.9	5.9	< 5.0	5	< 180	180
Dibromomethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Dichlorodifluoromethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Ethylbenzene	1,000	1,000	30,000	41,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Hexachlorobutadiene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
Isopropylbenzene					< 270	270	< 9.9	9.9	< 8.4	8.4	**850**	310
m&p-Xylenes	160	260	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 24	24	< 59	59	< 50	50	< 1800	1,800
Methyl t-butyl ether (MTBE)		930		100,000	< 8.0	8	< 20	20	< 17	17	< 610	610
Methylene chloride	50	50	51,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	**380**	310
n-Butylbenzene	12,000	12,000	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	**2,400**	310
n-Propylbenzene	3,900	3,900	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	**2,600**	310
o-Xylene	160	260	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
p-Isopropyltoluene					< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	**1,600**	310
Styrene					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 270	270	< 9.9	9.9	< 8.4	8.4	< 310	310
Tetrachloroethene	1,300	1,300	5,000	19,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Tetrahydrofuran (THF)					< 8.0	8	< 20	20	< 17	17	< 610	610
Toluene	700	700	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Total Xylenes					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
trans-1,3-Dichloropropene					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
trabs-1,4-dichloro-2-butene					< 540	540	< 20	20	< 17	17	< 610	610
Trichloroethene	470	470	10,000	21,000	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Trichlorofluoromethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Trichlorotrifluoroethane					< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Vinyl Chloride	20	20	210	900	< 4.0	4	< 9.9	9.9	< 8.4	8.4	< 310	310
Total BTEX Concentration					**0**		**0**		**0**		**0**	
Total VOCs Concentration					**0**		**0**		**0**		**8470**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B23				B24			
					(0-2')		(5-7')		(5-7')		(13-15')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1,1-Trichloroethane	680	680	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1,2,2-Tetrachloroethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1,2-Trichloroethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1-Dichloroethane	270	270	19,000	26,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1-Dichloroethene	330	330	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,1-Dichloropropene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2,3-Trichlorobenzene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2,3-Trichloropropane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2,4-Trichlorobenzene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2-Dibromo-3-chloropropane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2-Dibromomethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2-Dichloroethane	20	20	2,300	3,100	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,2-Dichloropropane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,3-Dichloropropane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
2,2-Dichloropropane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
2-Chlorotoluene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
2-Hexanone (Methyl Butyl Ketone)					< 42	42	< 40	40	< 28	28	< 58	58
2-Isopropyltoluene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
4-Chlorotoluene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
4-Methyl-2-Pentanone					< 42	42	< 40	40	< 28	28	< 58	58
Acetone	50	50	100,000	100,000	**72**	83	**38**	50	**82**	57	**120**	120
Acrylonitrile					< 17	17	< 16	16	< 11	11	< 23	23
Benzene	60	60	2,900	4,800	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Bromobenzene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Bromochloromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Bromodichloromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Bromoform					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Bromomethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Carbon Disulfide					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Carbon tetrachloride	760	760	1,400	2,400	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Chlorobenzene	1,100	1,100	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Chloroethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Chloroform	370	370	10,000	49,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Chloromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
cis-1,3-Dichloropropene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Dibromochloromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Dibromomethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Dichlorodifluoromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Ethylbenzene	1,000	1,000	30,000	41,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Hexachlorobutadiene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Isopropylbenzene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
m&p-Xylenes	160	260	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 50	50	< 48	48	< 34	34	< 69	69
Methyl t-butyl ether (MTBE)		930		100,000	< 17	17	< 16	16	< 11	11	< 23	23
Methylene chloride	50	50	51,000	100,000	**1.9**	8.3	**1.5**	8.1	**1.2**	5.7	**2.3**	12
Naphthalene	12,000	12,000	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
n-Butylbenzene	12,000	12,000	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
n-Propylbenzene	3,900	3,900	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
o-Xylene	160	260	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
p-Isopropyltoluene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Styrene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Tetrachloroethene	1,300	1,300	5,000	19,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Tetrahydrofuran (THF)					< 17	17	< 16	16	< 11	11	< 23	23
Toluene	700	700	100,000	100,000	**3.4**	8.3	< 8.1	8.1	< 5.7	5.7	**11**	12
Total Xylenes					**-**	-	-	-	-	-	**-**	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
trans-1,3-Dichloropropene					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
trabs-1,4-dichloro-2-butene					< 17	17	< 16	16	< 11	11	< 23	23
Trichloroethene	470	470	10,000	21,000	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Trichlorofluoromethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Trichlorotrifluoroethane					< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Vinyl Chloride	20	20	210	900	< 8.3	8.3	< 8.1	8.1	< 5.7	5.7	< 12	12
Total BTEX Concentration					**3.4**		**0**		**0**		**11**	
Total VOCs Concentration					**77.3**		**39.5**		**83.2**		**133.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B25				B26			
					(5-7')		(13-15')		(5-7')		(13-15')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1,2,2-Tetrachloroethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1,2-Trichloroethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1-Dichloroethane	270	270	19,000	26,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1-Dichloroethene	330	330	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,1-Dichloropropene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2,3-Trichlorobenzene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2,3-Trichloropropane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2,4-Trichlorobenzene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2-Dibromo-3-chloropropane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2-Dibromomethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2-Dichloroethane	20	20	2,300	3,100	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,2-Dichloropropane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,3-Dichloropropane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
2,2-Dichloropropane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
2-Chlorotoluene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
2-Hexanone (Methyl Butyl Ketone)					< 36	36	< 59	59	< 44	44	< 42	42
2-Isopropyltoluene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
4-Chlorotoluene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
4-Methyl-2-Pentanone					< 36	36	< 59	59	< 44	44	< 42	42
Acetone	50	50	100,000	100,000	**20**	50	< 50	50	**160**	87	**140**	85
Acrylonitrile					< 15	15	< 23	23	< 17	17	< 17	17
Benzene	60	60	2,900	4,800	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Bromobenzene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Bromochloromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Bromodichloromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Bromoform					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Bromomethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Carbon Disulfide					< 7.3	7.3	< 12	12	< 8.7	8.7	**4**	8.5
Carbon tetrachloride	760	760	1,400	2,400	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Chloroethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Chloroform	370	370	10,000	49,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Chloromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
cis-1,3-Dichloropropene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Dibromochloromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Dibromomethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Dichlorodifluoromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Hexachlorobutadiene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Isopropylbenzene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
m&p-Xylenes	160	260	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 44	44	< 70	70	< 52	52	< 51	51
Methyl t-butyl ether (MTBE)		930		100,000	< 15	15	< 23	23	< 17	17	< 17	17
Methylene chloride	50	50	51,000	100,000	**1.2**	7.3	**5.1**	12	**1.6**	8.7	**1.9**	8.5
Naphthalene	12,000	12,000	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
n-Butylbenzene	12,000	12,000	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
n-Propylbenzene	3,900	3,900	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
o-Xylene	160	260	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
p-Isopropyltoluene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Styrene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Tetrahydrofuran (THF)					< 15	15	< 23	23	< 17	17	< 17	17
Toluene	700	700	100,000	100,000	< 7.3	7.3	< 12	12	**2.6**	8.7	**2**	8.5
Total Xylenes					-	-	-	-	**-**	-	**-**	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
trans-1,3-Dichloropropene					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
trabs-1,4-dichloro-2-butene					< 15	15	< 23	23	< 17	17	< 17	17
Trichloroethene	470	470	10,000	21,000	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Trichlorofluoromethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Trichlorotrifluoroethane					< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Vinyl Chloride	20	20	210	900	< 7.3	7.3	< 12	12	< 8.7	8.7	< 8.5	8.5
Total BTEX Concentration					**0**		**0**		**2.6**		**2**	
Total VOCs Concentration					**21.2**		**5.1**		**164.2**		**147.9**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B27				B28			
					(5-7')		(13-15')		(0-2')		(5-7')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1,1-Trichloroethane	680	680	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1,2,2-Tetrachloroethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1,2-Trichloroethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1-Dichloroethane	270	270	19,000	26,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1-Dichloroethene	330	330	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,1-Dichloropropene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2,3-Trichlorobenzene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2,3-Trichloropropane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2,4-Trichlorobenzene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2-Dibromo-3-chloropropane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2-Dibromomethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2-Dichloroethane	20	20	2,300	3,100	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,2-Dichloropropane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,3-Dichloropropane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
2,2-Dichloropropane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
2-Chlorotoluene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
2-Hexanone (Methyl Butyl Ketone)					< 47	47	< 53	53	< 41	41	< 68	68
2-Isopropyltoluene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
4-Chlorotoluene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
4-Methyl-2-Pentanone					< 47	47	< 53	53	< 41	41	< 68	68
Acetone	50	50	100,000	100,000	**74**	94	**43**	50	**64**	81	**73**	140
Acrylonitrile					< 19	19	< 21	21	< 16	16	< 27	27
Benzene	60	60	2,900	4,800	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Bromobenzene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Bromochloromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Bromodichloromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Bromoform					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Bromomethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Carbon Disulfide					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Carbon tetrachloride	760	760	1,400	2,400	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Chlorobenzene	1,100	1,100	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Chloroethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Chloroform	370	370	10,000	49,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Chloromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
cis-1,3-Dichloropropene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Dibromochloromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Dibromomethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Dichlorodifluoromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Ethylbenzene	1,000	1,000	30,000	41,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Hexachlorobutadiene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Isopropylbenzene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
m&p-Xylenes	160	260	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 56	56	< 64	64	< 49	49	< 81	81
Methyl t-butyl ether (MTBE)		930		100,000	< 19	19	< 21	21	< 16	16	< 27	27
Methylene chloride	50	50	51,000	100,000	**1.8**	9.4	**2.2**	11	**1.6**	8.1	**2.4**	14
Naphthalene	12,000	12,000	100,000	100,000	< 9.4	9.4	< 11	11	**690**	280	< 14	14
n-Butylbenzene	12,000	12,000	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
n-Propylbenzene	3,900	3,900	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
o-Xylene	160	260	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
p-Isopropyltoluene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Styrene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Tetrachloroethene	1,300	1,300	5,000	19,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Tetrahydrofuran (THF)					< 19	19	< 21	21	< 16	16	< 27	27
Toluene	700	700	100,000	100,000	**1.8**	9.4	**6**	11	**71**	280	**4.1**	14
Total Xylenes					-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
trans-1,3-Dichloropropene					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
trabs-1,4-dichloro-2-butene					< 19	19	< 21	21	< 16	16	< 27	27
Trichloroethene	470	470	10,000	21,000	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Trichlorofluoromethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Trichlorotrifluoroethane					< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Vinyl Chloride	20	20	210	900	< 9.4	9.4	< 11	11	< 8.1	8.1	< 14	14
Total BTEX Concentration					**1.8**		**6**		**71**		**4.1**	
Total VOCs Concentration					**77.6**		**51.2**		**826.6**		**79.5**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B30				B32			
					(0-2')		(5-7')		(5-7')		(6-8')	
					11/21/2014		11/21/2014		12/9/2014		12/9/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1,2,2-Tetrachloroethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1,2-Trichloroethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1-Dichloroethane	270	270	19,000	26,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1-Dichloroethene	330	330	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,1-Dichloropropene					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,2,3-Trichlorobenzene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2,3-Trichloropropane					< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2,4-Trichlorobenzene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2-Dibromo-3-chloropropane					< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2-Dibromomethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,2-Dichloroethane	20	20	2,300	3,100	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,2-Dichloropropane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 270	270	< 12	12	< 10	10	< 5.8	5.8
1,3-Dichloropropane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
2,2-Dichloropropane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
2-Chlorotoluene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
2-Hexanone (Methyl Butyl Ketone)					< 29	29	< 61	61	< 51	51	< 29	29
2-Isopropyltoluene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
4-Chlorotoluene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
4-Methyl-2-Pentanone					< 29	29	< 61	61	< 51	51	< 29	29
Acetone	50	50	100,000	100,000	**140**	58	**270**	120	**14**	50	< 50	50
Acrylonitrile					< 12	12	< 24	24	< 20	20	< 12	12
Benzene	60	60	2,900	4,800	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Bromobenzene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
Bromochloromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Bromodichloromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Bromoform					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Bromomethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Carbon Disulfide					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Carbon tetrachloride	760	760	1,400	2,400	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Chloroethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Chloroform	370	370	10,000	49,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Chloromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
cis-1,3-Dichloropropene					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Dibromochloromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Dibromomethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Dichlorodifluoromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Hexachlorobutadiene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
Isopropylbenzene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
m&p-Xylenes	160	260	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 35	35	**19**	73	< 61	61	< 35	35
Methyl t-butyl ether (MTBE)		930		100,000	< 12	12	< 24	24	< 20	20	< 12	12
Methylene chloride	50	50	51,000	100,000	< 5.8	5.8	< 12	12	**1.7**	10	**2.9**	5.8
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 12	12	**77**	280	< 5.8	5.8
n-Butylbenzene	12,000	12,000	100,000	100,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
n-Propylbenzene	3,900	3,900	100,000	100,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
o-Xylene	160	260	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
p-Isopropyltoluene					< 270	270	< 12	12	< 10	10	< 5.8	5.8
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
Styrene					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 270	270	< 12	12	< 10	10	< 5.8	5.8
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Tetrahydrofuran (THF)					< 12	12	< 24	24	< 20	20	< 12	12
Toluene	700	700	100,000	100,000	**71**	270	**2**	12	**51**	280	< 5.8	5.8
Total Xylenes					-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
trans-1,3-Dichloropropene					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
trabs-1,4-dichloro-2-butene					< 530	530	< 24	24	< 20	20	< 12	12
Trichloroethene	470	470	10,000	21,000	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Trichlorofluoromethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Trichlorotrifluoroethane					< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Vinyl Chloride	20	20	210	900	< 5.8	5.8	< 12	12	< 10	10	< 5.8	5.8
Total BTEX Concentration					**71**		**2**		**51**		**3.4**	
Total VOCs Concentration					**211**		**291**		**143.7**		**77.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
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Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B33				B34			
					(5-7')		(10-12')		(5-7')		(10-12')	
					12/12/2014		12/12/2014		12/8/2014		12/8/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1,1-Trichloroethane	680	680	100,000	100,000	**3.4**	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1,2,2-Tetrachloroethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1,2-Trichloroethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1-Dichloroethane	270	270	19,000	26,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1-Dichloroethene	330	330	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,1-Dichloropropene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2,3-Trichlorobenzene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2,3-Trichloropropane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2,4-Trichlorobenzene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	**0.61**	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2-Dibromo-3-chloropropane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2-Dibromomethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2-Dichloroethane	20	20	2,300	3,100	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,2-Dichloropropane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,3-Dichloropropane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
2,2-Dichloropropane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
2-Chlorotoluene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
2-Hexanone (Methyl Butyl Ketone)					< 19	19	< 27	27	< 28	28	< 31	31
2-Isopropyltoluene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
4-Chlorotoluene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
4-Methyl-2-Pentanone					< 19	19	< 27	27	< 28	28	< 31	31
Acetone	50	50	100,000	100,000	< 38	38	< 50	50	**18**	50	**13**	50
Acrylonitrile					< 7.5	7.5	< 11	11	< 11	11	< 13	13
Benzene	60	60	2,900	4,800	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Bromobenzene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Bromochloromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Bromodichloromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Bromoform					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Bromomethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Carbon Disulfide					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Carbon tetrachloride	760	760	1,400	2,400	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Chlorobenzene	1,100	1,100	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Chloroethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Chloroform	370	370	10,000	49,000	**3.7**	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Chloromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
cis-1,3-Dichloropropene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Dibromochloromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Dibromomethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Dichlorodifluoromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Ethylbenzene	1,000	1,000	30,000	41,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Hexachlorobutadiene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Isopropylbenzene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
m&p-Xylenes	160	260	100,000	100,000	**2.2**	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 23	23	< 32	32	< 33	33	< 38	38
Methyl t-butyl ether (MTBE)		930		100,000	< 7.5	7.5	< 11	11	< 11	11	< 13	13
Methylene chloride	50	50	51,000	100,000	**0.65**	3.8	**2.7**	5.4	**1.8**	5.6	**3.9**	6.3
Naphthalene	12,000	12,000	100,000	100,000	**3.3**	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
n-Butylbenzene	12,000	12,000	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
n-Propylbenzene	3,900	3,900	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
o-Xylene	160	260	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
p-Isopropyltoluene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Styrene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Tetrachloroethene	1,300	1,300	5,000	19,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Tetrahydrofuran (THF)					< 7.5	7.5	< 11	11	< 11	11	< 13	13
Toluene	700	700	100,000	100,000	**1.4**	3.8	**77**	300	< 5.6	5.6	< 6.3	6.3
Total Xylenes					**-**	-	**-**	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
trans-1,3-Dichloropropene					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
trabs-1,4-dichloro-2-butene					< 7.5	7.5	< 11	11	< 11	11	< 13	13
Trichloroethene	470	470	10,000	21,000	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Trichlorofluoromethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Trichlorotrifluoroethane					< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Vinyl Chloride	20	20	210	900	< 3.8	3.8	< 5.4	5.4	< 5.6	5.6	< 6.3	6.3
Total BTEX Concentration					**3.6**		**77**		**0**		**0**	
Total VOCs Concentration					**15.26**		**79.7**		**19.8**		**16.9**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results							
					B35				B36			
					(0-2')		(5-7')		(0-2')		(5-7')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1,2,2-Tetrachloroethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1,2-Trichloroethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1-Dichloroethane	270	270	19,000	26,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1-Dichloroethene	330	330	100,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,1-Dichloropropene					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2,3-Trichlorobenzene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2,3-Trichloropropane					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2,4-Trichlorobenzene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2-Dibromo-3-chloropropane					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2-Dibromomethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2-Dichloroethane	20	20	2,300	3,100	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,2-Dichloropropane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
1,3-Dichloropropane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
2,2-Dichloropropane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
2-Chlorotoluene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
2-Hexanone (Methyl Butyl Ketone)					< 36	36	< 47	47	< 25	25	< 51	51
2-Isopropyltoluene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
4-Chlorotoluene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
4-Methyl-2-Pentanone					< 36	36	< 47	47	< 25	25	< 51	51
Acetone	50	50	100,000	100,000	**48**	50	< 50	50	**42**	49	**170**	100
Acrylonitrile					< 15	15	< 19	19	< 9.9	9.9	< 20	20
Benzene	60	60	2,900	4,800	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Bromobenzene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
Bromochloromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Bromodichloromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Bromoform					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Bromomethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Carbon Disulfide					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Carbon tetrachloride	760	760	1,400	2,400	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Chloroethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Chloroform	370	370	10,000	49,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Chloromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
cis-1,3-Dichloropropene					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Dibromochloromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Dibromomethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Dichlorodifluoromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.3	7.3	< 9.4	9.4	**2**	4.9	< 10	10
Hexachlorobutadiene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
Isopropylbenzene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
m&p-Xylenes	160	260	100,000	100,000	**3.5**	7.3	< 9.4	9.4	**9.9**	4.9	< 10	10
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 44	44	< 56	56	**4.7**	30	< 61	61
Methyl t-butyl ether (MTBE)		930		100,000	< 15	15	< 19	19	< 9.9	9.9	< 20	20
Methylene chloride	50	50	51,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Naphthalene	12,000	12,000	100,000	100,000	**120**	290	< 9.4	9.4	< 4.9	4.9	< 10	10
n-Butylbenzene	12,000	12,000	100,000	100,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
n-Propylbenzene	3,900	3,900	100,000	100,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
o-Xylene	160	260	100,000	100,000	**3.7**	7.3	< 9.4	9.4	**13**	4.9	< 10	10
p-Isopropyltoluene					< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
Styrene					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 290	290	< 9.4	9.4	< 4.9	4.9	< 10	10
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Tetrahydrofuran (THF)					< 15	15	< 19	19	< 9.9	9.9	< 20	20
Toluene	700	700	100,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	**6.2**	10
Total Xylenes					-	-	-	-	-	-	**-**	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
trans-1,3-Dichloropropene					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
trabs-1,4-dichloro-2-butene					< 580	580	< 19	19	< 9.9	9.9	< 20	20
Trichloroethene	470	470	10,000	21,000	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Trichlorofluoromethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Trichlorotrifluoroethane					< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Vinyl Chloride	20	20	210	900	< 7.3	7.3	< 9.4	9.4	< 4.9	4.9	< 10	10
Total BTEX Concentration					**7.2**		**0**		**24.9**		**6.2**	
Total VOCs Concentration					**175.2**		**0**		**71.6**		**176.2**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 4
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Remedial Investigation Results									
					Duplicate		Duplicate 1		Duplicate 2		Duplicate 3		Duplicate 4	
					3/6/2014		11/21/2014		11/21/2014		12/9/2014		12/12/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,1,1-Trichloroethane	680	680	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	**2.9**	4.6
1,1,2,2-Tetrachloroethane					< 180	180	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,1,2-Trichloroethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,1-Dichloroethane	270	270	19,000	26,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,1-Dichloroethene	330	330	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,1-Dichloropropene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2,3-Trichlorobenzene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2,3-Trichloropropane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2,4-Trichlorobenzene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2-Dibromo-3-chloropropane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2-Dibromomethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2-Dichloroethane	20	20	2,300	3,100	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,2-Dichloropropane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,3-Dichloropropane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
2,2-Dichloropropane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
2-Chlorotoluene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
2-Hexanone (Methyl Butyl Ketone)					< 1500	1,500	< 69	69	< 61	61	< 37	37	< 23	23
2-Isopropyltoluene					**560**	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
4-Chlorotoluene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
4-Methyl-2-Pentanone					< 1500	1,500	< 69	69	< 61	61	< 37	37	< 23	23
Acetone	50	50	100,000	100,000	< 1800	1,800	**280**	140	**66**	120	**23**	50	< 46	46
Acrylonitrile					< 300	300	< 28	28	< 25	25	< 15	15	< 9.2	9.2
Benzene	60	60	2,900	4,800	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Bromobenzene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Bromochloromethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Bromodichloromethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Bromoform					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Bromomethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Carbon Disulfide					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Carbon tetrachloride	760	760	1,400	2,400	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Chlorobenzene	1,100	1,100	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Chloroethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Chloroform	370	370	10,000	49,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	**3.3**	4.6
Chloromethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
cis-1,3-Dichloropropene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Dibromochloromethane					< 180	180	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Dibromomethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Dichlorodifluoromethane					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Ethylbenzene	1,000	1,000	30,000	41,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Hexachlorobutadiene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Isopropylbenzene					**570**	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
m&p-Xylenes	160	260	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 1800	1,800	**18**	83	**12**	74	< 44	44	< 28	28
Methyl t-butyl ether (MTBE)		930		100,000	< 600	600	< 28	28	< 25	25	< 15	15	< 9.2	9.2
Methylene chloride	50	50	51,000	100,000	< 300	300	< 14	14	< 12	12	**2.5**	7.3	**1.1**	4.6
Naphthalene	12,000	12,000	100,000	100,000	**650**	300	< 14	14	**510**	300	< 7.3	7.3	**1.8**	4.6
n-Butylbenzene	12,000	12,000	100,000	100,000	**1,900**	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
n-Propylbenzene	3,900	3,900	100,000	100,000	**1,500**	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
o-Xylene	160	260	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
p-Isopropyltoluene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
sec-Butylbenzene	11,000	11,000	100,000	100,000	**1,100**	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Styrene					< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 300	300	< 14	14	< 12	12	< 7.3	7.3	< 4.6	4.6
Tetrachloroethene	1,300	1,300	5,000	19,000	< 300	300	< 14	14	< 12	12	**1.8**	7.3	< 4.6	4.6
Tetrahydrofuran (THF)					< 600	600	< 28	28	< 25	25	< 15	15	< 9.2	9.2
Toluene	700	700	100,000	100,000	< 300	300	**110**	310	**81**	300	< 7.3	7.3	**1.2**	4.6
Total Xylenes					< 300	300	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
trans-1,3-Dichloropropene					< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
trabs-1,4-dichloro-2-butene					< 600	600	< 25	25	< 10	10	< 15	15	< 9.2	9.2
Trichloroethene	470	470	10,000	21,000	< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
Trichlorofluoromethane					< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
Trichlorotrifluoroethane					< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
Vinyl Chloride	20	20	210	900	< 300	300	< 12	12	< 5.0	5	< 7.3	7.3	< 4.6	4.6
Total BTEX Concentration					**0**		**81**		**0**		**0**		**1.2**	
Total VOCs Concentration					**6280**		**669**		**2.4**		**27.3**		**10.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B3				B4				B6			
					(0-2')		(5-7')		(0-2')		(5-7' WT)		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
1,2,4-Trichlorobenzene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
1,2-Diphenylhydrazine					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,4,5-Trichlorophenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,4,6-Trichlorophenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,4-Dichlorophenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,4-Dimethylphenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,4-Dinitrophenol					< 570	570	< 610	610	< 15000	15,000	< 650	650	< 1700	1,700	< 1900	1,900
2,4-Dinitrotoluene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2,6-Dinitrotoluene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2-Chloronaphthalene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2-Chlorophenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2-Methylnaphthalene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	**140**	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
2-Nitroaniline					< 570	570	< 610	610	< 15000	15,000	< 650	650	< 1700	1,700	< 1900	1,900
2-Nitrophenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
3&4-Methylphenol (m&p-cresol)					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
3,3'-Dichlorobenzidine					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 700	700	< 760	760
3-Nitroaniline					< 570	570	< 610	610	< 15000	15,000	< 650	650	< 1700	1,700	< 1900	1,900
4,6-Dinitro-2-methylphenol					< 1000	1,000	< 1100	1,100	< 28000	28,000	< 1200	1,200	< 1700	1,700	< 1900	1,900
4-Bromophenyl phenyl ether					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
4-Chloro-3-methylphenol					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
4-Chloroaniline					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 700	700	< 760	760
4-Chlorophenyl phenyl ether					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
4-Nitroaniline					< 570	570	< 610	610	< 15000	15,000	< 650	650	< 1700	1,700	< 1900	1,900
4-Nitrophenol					< 1000	1,000	< 1100	1,100	< 28000	28,000	< 1200	1,200	< 1700	1,700	< 1900	1,900
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Acetophenone					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Aniline					< 1000	1,000	< 1100	1,100	< 28000	28,000	< 1200	1,200	< 1700	1,700	< 1900	1,900
Anthracene	1,000,000	100,000	100,000	100,000	**610**	250	< 270	270	**18,000**	6,700	< 280	280	**240**	240	**250**	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	**2,200**	250	< 270	270	**63,000**	6,700	< 280	280	**570**	240	**1,300**	270
Benzidine					< 430	430	< 460	460	< 11000	11,000	< 490	490	< 700	700	< 760	760
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**2,000**	250	< 270	270	**54,000**	6,700	< 280	280	**570**	240	**1,200**	270
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**2,800**	250	< 270	270	**77,000**	6,700	< 280	280	**700**	240	**1,600**	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**970**	250	< 270	270	**21,000**	6,700	< 280	280	**330**	240	**570**	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**710**	250	< 270	270	**25,000**	6,700	< 280	280	**260**	240	**500**	270
Benzoic acid					< 1000	1,000	< 1100	1,100	< 28000	28,000	< 1200	1,200	< 1700	1,700	< 1900	1,900
Benzyl butyl phthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Bis(2-chloroethoxy)methane					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Bis(2-chloroethyl)ether					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
Bis(2-chloroisopropyl)ether					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Bis(2-ethylhexyl)phthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Carbazole					< 540	540	< 580	580	< 14000	14,000	< 610	610	< 1700	1,700	< 1900	1,900
Chrysene	1,000	1,000	1,000	3,900	**2,400**	250	< 270	270	**59,000**	6,700	< 280	280	**630**	240	**1,400**	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	**290**	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Diethyl phthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Dimethylphthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Di-n-butylphthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Di-n-octylphthalate					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	**3,200**	250	< 270	270	**120,000**	6,700	< 280	280	**1,200**	240	**2,200**	270
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Hexachlorobenzene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Hexachlorobutadiene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Hexachlorocyclopentadiene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Hexachloroethane					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**930**	250	< 270	270	**21,000**	6,700	< 280	280	**280**	240	**550**	270
Isophorone					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	**140**	270
Nitrobenzene					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
N-Nitrosodimethylamine					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
N-Nitrosodi-n-propylamine					< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
N-Nitrosodiphenylamine					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
Pentachloronitrobenzene					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270
Phenanthrene	1,000,000	100,000	100,000	100,000	**3,200**	250	< 270	270	**78,000**	6,700	< 280	280	**1,000**	240	**1,000**	270
Phenol	330	330	100,000	100,000	< 250	250	< 270	270	< 6700	6,700	< 280	280	< 240	240	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	**2,800**	250	< 270	270	**98,000**	6,700	< 280	280	**1,200**	240	**2,000**	270
Pyridine					< 360	360	< 380	380	< 9500	9,500	< 410	410	< 240	240	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

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11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B9				B10				B11			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
1,2,4-Trichlorobenzene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,4-Dichlorophenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,4-Dimethylphenol					< 260	260	**670**	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,4-Dinitrophenol					< 600	600	< 840	840	< 2900	2,900	< 670	670	< 1900	1,900	< 1900	1,900
2,4-Dinitrotoluene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2,6-Dinitrotoluene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2-Chloronaphthalene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2-Chlorophenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2-Methylnaphthalene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
2-Nitroaniline					< 600	600	< 840	840	< 2900	2,900	< 670	670	< 1900	1,900	< 1900	1,900
2-Nitrophenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
3&4-Methylphenol (m&p-cresol)					< 380	380	**2,400**	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 750	750	< 750	750
3-Nitroaniline					< 600	600	< 840	840	< 2900	2,900	< 670	670	< 1900	1,900	< 1900	1,900
4,6-Dinitro-2-methylphenol					< 1100	1,100	< 1500	1,500	< 5300	5,300	< 1200	1,200	< 1900	1,900	< 1900	1,900
4-Bromophenyl phenyl ether					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
4-Chloroaniline					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 750	750	< 750	750
4-Chlorophenyl phenyl ether					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
4-Nitroaniline					< 600	600	< 840	840	< 2900	2,900	< 670	670	< 1900	1,900	< 1900	1,900
4-Nitrophenol					< 1100	1,100	< 1500	1,500	< 5300	5,300	< 1200	1,200	< 1900	1,900	< 1900	1,900
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	**410**	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Acetophenone					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Aniline					< 1100	1,100	< 1500	1,500	< 5300	5,300	< 1200	1,200	< 1900	1,900	< 1900	1,900
Anthracene	1,000,000	100,000	100,000	100,000	< 260	260	**990**	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**810**	260	**2,900**	370	< 1300	1,300	< 290	290	**360**	260	**360**	260
Benzidine					< 450	450	< 630	630	< 2200	2,200	< 510	510	< 750	750	< 750	750
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**1,600**	260	**2,900**	370	< 1300	1,300	**330**	290	**420**	260	**420**	260
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**1,900**	260	**4,900**	370	< 1300	1,300	**400**	290	**680**	260	**640**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**870**	260	**1,600**	370	< 1300	1,300	< 290	290	**200**	260	**200**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**580**	260	**1,600**	370	< 1300	1,300	< 290	290	**190**	260	**190**	260
Benzoic acid					< 1100	1,100	< 1500	1,500	< 5300	5,300	< 1200	1,200	< 1900	1,900	< 1900	1,900
Benzyl butyl phthalate					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
Bis(2-chloroisopropyl)ether					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 260	260	**2,000**	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Carbazole					< 560	560	< 790	790	< 2700	2,700	< 630	630	< 1900	1,900	< 1900	1,900
Chrysene	1,000	1,000	1,000	3,900	**840**	260	**3,500**	370	< 1300	1,300	**300**	290	**370**	260	**440**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 260	260	**410**	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Dibenzofuran	210,000	7,000	59,000	59,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Diethyl phthalate					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Dimethylphthalate					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Di-n-butylphthalate					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Di-n-octylphthalate					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**1,200**	260	**5,000**	370	< 1300	1,300	**350**	290	**480**	260	**610**	260
Fluorene	386,000	30,000	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Hexachlorobenzene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Hexachlorobutadiene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Hexachloroethane					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**760**	260	**1,400**	370	< 1300	1,300	< 290	290	**160**	260	**190**	260
Isophorone					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Naphthalene	12,000	12,000	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Nitrobenzene					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
N-Nitrosodimethylamine					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
N-Nitrosodiphenylamine					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
Pentachloronitrobenzene					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260
Phenanthrene	1,000,000	100,000	100,000	100,000	**640**	260	**2,500**	370	< 1300	1,300	< 290	290	**210**	260	**430**	260
Phenol	330	330	100,000	100,000	< 260	260	< 370	370	< 1300	1,300	< 290	290	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**1,400**	260	**5,200**	370	< 1300	1,300	**320**	290	**480**	260	**570**	260
Pyridine					< 380	380	< 530	530	< 1800	1,800	< 420	420	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B12		B13				B15			
					(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
1,2,4-Trichlorobenzene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
1,2-Diphenylhydrazine					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,4,5-Trichlorophenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,4,6-Trichlorophenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,4-Dichlorophenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,4-Dimethylphenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,4-Dinitrophenol					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
2,4-Dinitrotoluene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2,6-Dinitrotoluene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2-Chloronaphthalene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2-Chlorophenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2-Methylnaphthalene					< 270	270	< 260	260	**4,500**	280	**190**	260	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
2-Nitroaniline					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
2-Nitrophenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
3&4-Methylphenol (m&p-cresol)					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
3,3'-Dichlorobenzidine					< 780	780	< 740	740	< 810	810	< 760	760	< 760	760
3-Nitroaniline					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
4,6-Dinitro-2-methylphenol					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
4-Bromophenyl phenyl ether					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
4-Chloro-3-methylphenol					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
4-Chloroaniline					< 780	780	< 740	740	< 810	810	< 760	760	< 760	760
4-Chlorophenyl phenyl ether					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
4-Nitroaniline					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
4-Nitrophenol					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 260	260	< 280	280	**140**	260	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Acetophenone					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Aniline					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 260	260	< 280	280	**640**	260	< 270	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	**160**	260	**150**	280	**1,900**	260	< 270	270
Benzidine					< 780	780	< 740	740	< 810	810	< 760	760	< 760	760
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 270	270	**170**	260	**220**	280	**2,100**	260	< 270	270
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	**270**	260	**340**	280	**3,100**	260	< 270	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 260	260	**140**	280	**960**	260	< 270	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 260	260	< 280	280	**920**	260	< 270	270
Benzoic acid					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
Benzyl butyl phthalate					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Bis(2-chloroethoxy)methane					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Bis(2-chloroethyl)ether					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Bis(2-chloroisopropyl)ether					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Bis(2-ethylhexyl)phthalate					< 270	270	**110**	260	< 280	280	< 260	260	< 270	270
Carbazole					< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900
Chrysene	1,000	1,000	1,000	3,900	< 270	270	**190**	260	**220**	280	**2,000**	260	< 270	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 260	260	< 280	280	**130**	260	< 270	270
Diethyl phthalate					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Dimethylphthalate					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Di-n-butylphthalate					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Di-n-octylphthalate					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	**280**	260	**280**	280	**3,300**	260	< 270	270
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 260	260	**480**	280	< 260	260	< 270	270
Hexachlorobenzene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Hexachlorobutadiene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Hexachlorocyclopentadiene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Hexachloroethane					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 260	260	< 280	280	**900**	260	< 270	270
Isophorone					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 260	260	**2,100**	280	**210**	260	< 270	270
Nitrobenzene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
N-Nitrosodimethylamine					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
N-Nitrosodi-n-propylamine					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
N-Nitrosodiphenylamine					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Pentachloronitrobenzene					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	**160**	260	**590**	280	**2,000**	260	< 270	270
Phenol	330	330	100,000	100,000	< 270	270	< 260	260	< 280	280	< 260	260	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	**270**	260	**320**	280	**3,000**	260	< 270	270
Pyridine					< 270	270	< 260	260	< 280	280	< 260	260	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B16				B17				B18			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
1,2,4-Trichlorobenzene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
1,2-Diphenylhydrazine					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,4,5-Trichlorophenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,4,6-Trichlorophenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,4-Dichlorophenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,4-Dimethylphenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,4-Dinitrophenol					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
2,4-Dinitrotoluene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2,6-Dinitrotoluene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2-Chloronaphthalene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2-Chlorophenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2-Methylnaphthalene					**140**	260	< 280	280	**340**	280	< 260	260	< 260	260	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
2-Nitroaniline					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
2-Nitrophenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
3&4-Methylphenol (m&p-cresol)					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
3,3'-Dichlorobenzidine					< 750	750	< 800	800	< 790	790	< 750	750	< 740	740	< 790	790
3-Nitroaniline					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
4,6-Dinitro-2-methylphenol					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
4-Bromophenyl phenyl ether					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
4-Chloro-3-methylphenol					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
4-Chloroaniline					< 750	750	< 800	800	< 790	790	< 750	750	< 740	740	< 790	790
4-Chlorophenyl phenyl ether					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
4-Nitroaniline					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
4-Nitrophenol					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	< 280	280	**360**	280	< 260	260	< 260	260	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	< 280	280	**200**	280	< 260	260	< 260	260	< 280	280
Acetophenone					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Aniline					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
Anthracene	1,000,000	100,000	100,000	100,000	**290**	260	< 280	280	**860**	280	< 260	260	< 260	260	< 280	280
Benz(a)anthracene	1,000	1,000	1,000	1,000	**890**	260	< 280	280	**3,000**	280	< 260	260	< 260	260	< 280	280
Benzidine					< 750	750	< 800	800	< 790	790	< 750	750	< 740	740	< 790	790
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**970**	260	< 280	280	**2,800**	280	< 260	260	< 260	260	< 280	280
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**1,600**	260	< 280	280	**4,200**	280	**140**	260	< 260	260	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**330**	260	< 280	280	**1,800**	280	< 260	260	< 260	260	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**470**	260	< 280	280	**960**	280	< 260	260	< 260	260	< 280	280
Benzoic acid					< 1900	1,900	< 2000	2,000	< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
Benzyl butyl phthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Bis(2-chloroethoxy)methane					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Bis(2-chloroethyl)ether					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Bis(2-chloroisopropyl)ether					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Bis(2-ethylhexyl)phthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Carbazole					< 1900	1,900	< 2000	2,000	**430**	2,000	< 1900	1,900	< 1800	1,800	< 2000	2,000
Chrysene	1,000	1,000	1,000	3,900	**1,000**	260	< 280	280	**3,300**	280	< 260	260	< 260	260	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	**120**	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Dibenzofuran	210,000	7,000	59,000	59,000	**120**	260	< 280	280	**310**	280	< 260	260	< 260	260	< 280	280
Diethyl phthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Dimethylphthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Di-n-butylphthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Di-n-octylphthalate					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	**1,600**	260	< 280	280	**5,600**	280	**190**	260	< 260	260	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 260	260	< 280	280	**360**	280	< 260	260	< 260	260	< 280	280
Hexachlorobenzene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Hexachlorobutadiene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Hexachlorocyclopentadiene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Hexachloroethane					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**330**	260	< 280	280	**1,700**	280	< 260	260	< 260	260	< 280	280
Isophorone					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Naphthalene	12,000	12,000	100,000	100,000	**160**	260	< 280	280	**400**	280	< 260	260	< 260	260	< 280	280
Nitrobenzene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
N-Nitrosodimethylamine					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
N-Nitrosodi-n-propylamine					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
N-Nitrosodiphenylamine					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Pentachloronitrobenzene					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Phenanthrene	1,000,000	100,000	100,000	100,000	**1,000**	260	< 280	280	**3,800**	280	< 260	260	< 260	260	< 280	280
Phenol	330	330	100,000	100,000	< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	**1,500**	260	< 280	280	**4,800**	280	**180**	260	< 260	260	< 280	280
Pyridine					< 260	260	< 280	280	< 280	280	< 260	260	< 260	260	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B19				B20				B21		B22	
					(0-2')		(5-7')		(0-2')		(5-7')		(6-8')		(6-8')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
1,2,4-Trichlorobenzene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
1,2-Diphenylhydrazine					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,4,5-Trichlorophenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,4,6-Trichlorophenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,4-Dichlorophenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,4-Dimethylphenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,4-Dinitrophenol					< 1800	1,800	< 2000	2,000	< 580	580	< 630	630	< 600	600	< 32000	32,000
2,4-Dinitrotoluene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2,6-Dinitrotoluene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2-Chloronaphthalene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2-Chlorophenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2-Methylnaphthalene					**240**	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
2-Nitroaniline					< 1800	1,800	< 2000	2,000	< 580	580	< 630	630	< 600	600	< 32000	32,000
2-Nitrophenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
3&4-Methylphenol (m&p-cresol)					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
3,3'-Dichlorobenzidine					< 730	730	< 780	780	< 260	260	< 280	280	< 260	260	< 14000	14,000
3-Nitroaniline					< 1800	1,800	< 2000	2,000	< 580	580	< 630	630	< 600	600	< 32000	32,000
4,6-Dinitro-2-methylphenol					< 1800	1,800	< 2000	2,000	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 58000	58,000
4-Bromophenyl phenyl ether					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
4-Chloro-3-methylphenol					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
4-Chloroaniline					< 730	730	< 780	780	< 260	260	< 280	280	< 260	260	< 14000	14,000
4-Chlorophenyl phenyl ether					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
4-Nitroaniline					< 1800	1,800	< 2000	2,000	< 580	580	< 630	630	< 600	600	< 32000	32,000
4-Nitrophenol					< 1800	1,800	< 2000	2,000	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 58000	58,000
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Acenaphthylene	10,700	100,000	100,000	100,000	**180**	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Acetophenone					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Aniline					< 1800	1,800	< 2000	2,000	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 58000	58,000
Anthracene	1,000,000	100,000	100,000	100,000	**460**	260	< 270	270	**310**	260	**660**	280	< 260	260	< 14000	14,000
Benz(a)anthracene	1,000	1,000	1,000	1,000	**2,200**	260	< 270	270	**1,400**	260	**1,900**	280	< 260	260	< 14000	14,000
Benzidine					< 730	730	< 780	780	< 440	440	< 480	480	< 450	450	< 24000	24,000
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**2,400**	260	< 270	270	**1,400**	260	**1,600**	280	< 260	260	< 14000	14,000
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**3,300**	260	< 270	270	**2,100**	260	**2,200**	280	< 260	260	< 14000	14,000
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**1,200**	260	< 270	270	**990**	260	**740**	280	< 260	260	< 14000	14,000
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**940**	260	< 270	270	**790**	260	**630**	280	< 260	260	< 14000	14,000
Benzoic acid					< 1800	1,800	< 2000	2,000	< 1100	1,100	< 1100	1,100	< 1100	1,100	< 58000	58,000
Benzyl butyl phthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Bis(2-chloroethoxy)methane					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Bis(2-chloroethyl)ether					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
Bis(2-chloroisopropyl)ether					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Bis(2-ethylhexyl)phthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Carbazole					< 1800	1,800	< 2000	2,000	< 550	550	< 590	590	< 570	570	< 30000	30,000
Chrysene	1,000	1,000	1,000	3,900	**2,400**	260	< 270	270	**1,200**	260	**2,000**	280	< 260	260	< 14000	14,000
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Dibenzofuran	210,000	7,000	59,000	59,000	**150**	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Diethyl phthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Dimethylphthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Di-n-butylphthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Di-n-octylphthalate					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Fluoranthene	1,000,000	100,000	100,000	100,000	**3,500**	260	< 270	270	**2,200**	260	**3,100**	280	< 260	260	< 14000	14,000
Fluorene	386,000	30,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Hexachlorobenzene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Hexachlorobutadiene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Hexachlorocyclopentadiene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Hexachloroethane					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,100**	260	< 270	270	**810**	260	**700**	280	< 260	260	< 14000	14,000
Isophorone					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Naphthalene	12,000	12,000	100,000	100,000	**230**	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Nitrobenzene					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
N-Nitrosodimethylamine					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
N-Nitrosodi-n-propylamine					< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
N-Nitrosodiphenylamine					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
Pentachloronitrobenzene					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000
Phenanthrene	1,000,000	100,000	100,000	100,000	**1,700**	260	< 270	270	**1,200**	260	**3,500**	280	< 260	260	< 14000	14,000
Phenol	330	330	100,000	100,000	< 260	260	< 270	270	< 260	260	< 280	280	< 260	260	< 14000	14,000
Pyrene	1,000,000	100,000	100,000	100,000	**3,200**	260	< 270	270	**2,000**	260	**2,700**	280	< 260	260	< 14000	14,000
Pyridine					< 260	260	< 270	270	< 360	360	< 400	400	< 380	380	< 20000	20,000

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B23						B24			
					(0-2')		(5-7')		(13-15')		(5-7')		(13-15')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
1,2,4-Trichlorobenzene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
1,2-Diphenylhydrazine					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,4,5-Trichlorophenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,4,6-Trichlorophenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,4-Dichlorophenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,4-Dimethylphenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,4-Dinitrophenol					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
2,4-Dinitrotoluene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2,6-Dinitrotoluene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2-Chloronaphthalene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2-Chlorophenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2-Methylnaphthalene					**430**	260	< 270	270	< 290	290	< 260	260	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
2-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
2-Nitrophenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
3&4-Methylphenol (m&p-cresol)					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
3,3'-Dichlorobenzidine					< 740	740	< 760	760	< 830	830	< 740	740	< 790	790
3-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
4,6-Dinitro-2-methylphenol					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
4-Bromophenyl phenyl ether					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
4-Chloro-3-methylphenol					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
4-Chloroaniline					< 740	740	< 760	760	< 830	830	< 740	740	< 790	790
4-Chlorophenyl phenyl ether					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
4-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
4-Nitrophenol					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
Acenaphthene	9,800	20,000	100,000	100,000	**280**	260	< 270	270	< 290	290	< 260	260	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Acetophenone					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Aniline					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
Anthracene	1,000,000	100,000	100,000	100,000	**580**	260	< 270	270	< 290	290	< 260	260	< 280	280
Benz(a)anthracene	1,000	1,000	1,000	1,000	**1,300**	260	< 270	270	< 290	290	**870**	260	< 280	280
Benzidine					< 740	740	< 760	760	< 830	830	< 740	740	< 790	790
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**1,100**	260	< 270	270	< 290	290	**780**	260	< 280	280
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**1,600**	260	< 270	270	< 290	290	**1,000**	260	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**390**	260	< 270	270	< 290	290	**220**	260	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**400**	260	< 270	270	< 290	290	**370**	260	< 280	280
Benzoic acid					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
Benzyl butyl phthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Bis(2-chloroethoxy)methane					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Bis(2-chloroethyl)ether					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Bis(2-chloroisopropyl)ether					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Bis(2-ethylhexyl)phthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Carbazole					< 1800	1,800	< 1900	1,900	< 2100	2,100	< 1900	1,900	< 2000	2,000
Chrysene	1,000	1,000	1,000	3,900	**1,500**	260	< 270	270	< 290	290	**940**	260	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Dibenzofuran	210,000	7,000	59,000	59,000	**280**	260	< 270	270	< 290	290	< 260	260	< 280	280
Diethyl phthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Dimethylphthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Di-n-butylphthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Di-n-octylphthalate					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	**2,400**	260	< 270	270	< 290	290	**1,100**	260	< 280	280
Fluorene	386,000	30,000	100,000	100,000	**310**	260	< 270	270	< 290	290	< 260	260	< 280	280
Hexachlorobenzene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Hexachlorobutadiene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Hexachlorocyclopentadiene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Hexachloroethane					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**390**	260	< 270	270	< 290	290	**270**	260	< 280	280
Isophorone					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Naphthalene	12,000	12,000	100,000	100,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Nitrobenzene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
N-Nitrosodimethylamine					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
N-Nitrosodi-n-propylamine					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
N-Nitrosodiphenylamine					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Pentachloronitrobenzene					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Phenanthrene	1,000,000	100,000	100,000	100,000	**2,300**	260	< 270	270	< 290	290	**440**	260	< 280	280
Phenol	330	330	100,000	100,000	< 260	260	< 270	270	< 290	290	< 260	260	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	**2,100**	260	< 270	270	< 290	290	**1,000**	260	< 280	280
Pyridine					< 260	260	< 270	270	< 290	290	< 260	260	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B25						B26			
					(0-2')		(5-7')		(13-15')		(5-7')		(13-15')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
1,2,4-Trichlorobenzene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
1,2-Diphenylhydrazine					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,4,5-Trichlorophenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,4,6-Trichlorophenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,4-Dichlorophenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,4-Dimethylphenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,4-Dinitrophenol					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
2,4-Dinitrotoluene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2,6-Dinitrotoluene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2-Chloronaphthalene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2-Chlorophenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2-Methylnaphthalene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
2-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
2-Nitrophenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
3&4-Methylphenol (m&p-cresol)					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
3,3'-Dichlorobenzidine					< 710	710	< 770	770	< 790	790	< 790	790	< 800	800
3-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
4,6-Dinitro-2-methylphenol					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
4-Bromophenyl phenyl ether					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
4-Chloro-3-methylphenol					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
4-Chloroaniline					< 710	710	< 770	770	< 790	790	< 790	790	< 800	800
4-Chlorophenyl phenyl ether					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
4-Nitroaniline					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
4-Nitrophenol					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Acetophenone					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Aniline					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benzidine					< 710	710	< 770	770	< 790	790	< 790	790	< 800	800
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Benzoic acid					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
Benzyl butyl phthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-chloroethoxy)methane					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-chloroethyl)ether					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-chloroisopropyl)ether					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-ethylhexyl)phthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Carbazole					< 1800	1,800	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
Chrysene	1,000	1,000	1,000	3,900	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Diethyl phthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Dimethylphthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Di-n-butylphthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Di-n-octylphthalate					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Hexachlorobenzene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Hexachlorobutadiene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Hexachlorocyclopentadiene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Hexachloroethane					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Isophorone					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Nitrobenzene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
N-Nitrosodimethylamine					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
N-Nitrosodi-n-propylamine					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
N-Nitrosodiphenylamine					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Pentachloronitrobenzene					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Phenanthrene	1,000,000	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Phenol	330	330	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	< 250	250	< 270	270	< 280	280	< 280	280	< 280	280
Pyridine					< 250	250	< 270	270	< 280	280	< 280	280	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

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Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B27				B28				B30			
					(5-7')		(13-15')		(0-2')		(5-7')		(0-2')		(5-7')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
1,2,4-Trichlorobenzene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
1,2-Diphenylhydrazine					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,4,5-Trichlorophenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,4,6-Trichlorophenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,4-Dichlorophenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,4-Dimethylphenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,4-Dinitrophenol					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
2,4-Dinitrotoluene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2,6-Dinitrotoluene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2-Chloronaphthalene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2-Chlorophenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2-Methylnaphthalene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
2-Nitroaniline					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
2-Nitrophenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
3&4-Methylphenol (m&p-cresol)					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
3,3'-Dichlorobenzidine					< 810	810	< 800	800	< 7100	7,100	< 850	850	< 710	710	< 810	810
3-Nitroaniline					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
4,6-Dinitro-2-methylphenol					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
4-Bromophenyl phenyl ether					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
4-Chloro-3-methylphenol					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
4-Chloroaniline					< 810	810	< 800	800	< 7100	7,100	< 850	850	< 710	710	< 810	810
4-Chlorophenyl phenyl ether					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
4-Nitroaniline					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
4-Nitrophenol					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
Acenaphthene	9,800	20,000	100,000	100,000	< 280	280	< 280	280	**1,200**	2,500	< 300	300	< 250	250	< 290	290
Acenaphthylene	10,700	100,000	100,000	100,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Acetophenone					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Aniline					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
Anthracene	1,000,000	100,000	100,000	100,000	< 280	280	< 280	280	**3,600**	2,500	< 300	300	**220**	250	< 290	290
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 280	280	< 280	280	**5,300**	2,500	< 300	300	**780**	250	< 290	290
Benzidine					< 810	810	< 800	800	< 7100	7,100	< 850	850	< 710	710	< 810	810
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 280	280	< 280	280	**4,900**	2,500	< 300	300	**770**	250	< 290	290
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 280	280	< 280	280	**5,800**	2,500	< 300	300	**1,000**	250	< 290	290
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 280	280	< 280	280	**2,600**	2,500	< 300	300	**420**	250	< 290	290
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 280	280	< 280	280	**2,100**	2,500	< 300	300	**350**	250	< 290	290
Benzoic acid					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
Benzyl butyl phthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Bis(2-chloroethoxy)methane					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Bis(2-chloroethyl)ether					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Bis(2-chloroisopropyl)ether					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Bis(2-ethylhexyl)phthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Carbazole					< 2000	2,000	< 2000	2,000	< 18000	18,000	< 2100	2,100	< 1800	1,800	< 2000	2,000
Chrysene	1,000	1,000	1,000	3,900	< 280	280	< 280	280	**5,300**	2,500	< 300	300	**840**	250	< 290	290
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Dibenzofuran	210,000	7,000	59,000	59,000	< 280	280	< 280	280	**1,000**	2,500	< 300	300	< 250	250	< 290	290
Diethyl phthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Dimethylphthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Di-n-butylphthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Di-n-octylphthalate					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Fluoranthene	1,000,000	100,000	100,000	100,000	< 280	280	< 280	280	**14,000**	2,500	< 300	300	**1,500**	250	< 290	290
Fluorene	386,000	30,000	100,000	100,000	< 280	280	< 280	280	**1,600**	2,500	< 300	300	< 250	250	< 290	290
Hexachlorobenzene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Hexachlorobutadiene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Hexachlorocyclopentadiene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Hexachloroethane					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 280	280	< 280	280	**3,000**	2,500	< 300	300	**450**	250	< 290	290
Isophorone					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 280	280	**1,200**	2,500	< 300	300	< 250	250	< 290	290
Nitrobenzene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
N-Nitrosodimethylamine					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
N-Nitrosodi-n-propylamine					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
N-Nitrosodiphenylamine					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Pentachloronitrobenzene					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Pentachlorophenol	800	800	2,400	6,700	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Phenanthrene	1,000,000	100,000	100,000	100,000	< 280	280	< 280	280	**11,000**	2,500	< 300	300	**1,100**	250	< 290	290
Phenol	330	330	100,000	100,000	< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290
Pyrene	1,000,000	100,000	100,000	100,000	< 280	280	< 280	280	**12,000**	2,500	< 300	300	**1,300**	250	< 290	290
Pyridine					< 280	280	< 280	280	< 2500	2,500	< 300	300	< 250	250	< 290	290

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B32				B33				B34			
					(5-7')		(6-8')		(5-7')		(10-12')		(5-7')		(10-12')	
					12/9/2014		12/9/2014		12/12/2014		12/12/2014		12/8/2014		12/8/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
1,2,4-Trichlorobenzene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
1,2-Diphenylhydrazine					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,4,5-Trichlorophenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,4,6-Trichlorophenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,4-Dichlorophenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,4-Dimethylphenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,4-Dinitrophenol					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
2,4-Dinitrotoluene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2,6-Dinitrotoluene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2-Chloronaphthalene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2-Chlorophenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
2-Methylnaphthalene					**230**	520	< 280	280	**740**	260	< 270	270	< 520	520	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 330	330	< 280	280	< 260	260	< 270	270	< 330	330	< 260	260
2-Nitroaniline					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
2-Nitrophenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
3&4-Methylphenol (m&p-cresol)					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
3,3'-Dichlorobenzidine					< 1500	1,500	< 800	800	< 740	740	< 760	760	< 1500	1,500	< 740	740
3-Nitroaniline					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
4,6-Dinitro-2-methylphenol					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
4-Bromophenyl phenyl ether					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
4-Chloro-3-methylphenol					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
4-Chloroaniline					< 1500	1,500	< 800	800	< 740	740	< 760	760	< 1500	1,500	< 740	740
4-Chlorophenyl phenyl ether					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
4-Nitroaniline					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
4-Nitrophenol					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
Acenaphthene	9,800	20,000	100,000	100,000	**290**	520	< 280	280	**1,800**	260	< 270	270	< 520	520	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 520	520	< 280	280	**350**	260	< 270	270	< 520	520	< 260	260
Acetophenone					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Aniline					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
Anthracene	1,000,000	100,000	100,000	100,000	**1,000**	520	< 280	280	**4,100**	260	< 270	270	**500**	520	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**3,500**	520	< 280	280	**7,400**	1,300	< 270	270	**2,300**	520	< 260	260
Benzidine					< 1500	1,500	< 800	800	< 740	740	< 760	760	< 1500	1,500	< 740	740
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**3,300**	520	< 280	280	**6,200**	1,300	< 270	270	**2,000**	520	< 260	260
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**4,900**	520	< 280	280	**8,300**	1,300	< 270	270	**3,800**	520	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**990**	520	< 280	280	**4,300**	260	< 270	270	**830**	520	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**1,600**	520	< 280	280	**2,800**	260	< 270	270	**1,100**	520	< 260	260
Benzoic acid					< 3700	3,700	< 2000	2,000	< 1800	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
Benzyl butyl phthalate					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Bis(2-chloroethoxy)methane					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Bis(2-chloroethyl)ether					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Bis(2-chloroisopropyl)ether					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Bis(2-ethylhexyl)phthalate					< 520	520	< 280	280	< 260	260	< 270	270	**280**	520	< 260	260
Carbazole					< 3700	3,700	< 2000	2,000	**1,500**	1,800	< 1900	1,900	< 3700	3,700	< 1900	1,900
Chrysene	1,000	1,000	1,000	3,900	**3,500**	520	< 280	280	**7,100**	1,300	< 270	270	**2,800**	520	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 330	330	< 280	280	**1,100**	260	< 270	270	**280**	330	< 260	260
Dibenzofuran	210,000	7,000	59,000	59,000	**260**	520	< 280	280	**1,500**	260	< 270	270	< 520	520	< 260	260
Diethyl phthalate					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Dimethylphthalate					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Di-n-butylphthalate					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Di-n-octylphthalate					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**6,900**	520	< 280	280	**18,000**	1,300	**140**	270	**4,900**	520	< 260	260
Fluorene	386,000	30,000	100,000	100,000	**310**	520	< 280	280	**2,200**	260	< 270	270	< 520	520	< 260	260
Hexachlorobenzene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Hexachlorobutadiene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Hexachlorocyclopentadiene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Hexachloroethane					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,000**	520	< 280	280	**4,000**	260	< 270	270	**880**	520	< 260	260
Isophorone					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Naphthalene	12,000	12,000	100,000	100,000	< 520	520	< 280	280	**1,400**	260	< 270	270	**270**	520	< 260	260
Nitrobenzene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
N-Nitrosodimethylamine					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
N-Nitrosodi-n-propylamine					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
N-Nitrosodiphenylamine					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Pentachloronitrobenzene					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260
Phenanthrene	1,000,000	100,000	100,000	100,000	**4,500**	520	< 280	280	**17,000**	1,300	**190**	270	**3,400**	520	< 260	260
Phenol	330	330	100,000	100,000	< 330	330	< 280	280	< 260	260	< 270	270	< 330	330	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**6,000**	520	< 280	280	**16,000**	1,300	< 270	270	**2,600**	520	< 260	260
Pyridine					< 520	520	< 280	280	< 260	260	< 270	270	< 520	520	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B35				B36				Duplicate		Duplicate 1	
					(0-2')		(5-7')		(0-2')		(5-7')					
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		3/6/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
1,2,4-Trichlorobenzene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
1,2-Diphenylhydrazine					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,4,5-Trichlorophenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,4,6-Trichlorophenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,4-Dichlorophenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,4-Dimethylphenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,4-Dinitrophenol					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 32000	32,000	< 2000	2,000
2,4-Dinitrotoluene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2,6-Dinitrotoluene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2-Chloronaphthalene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2-Chlorophenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2-Methylnaphthalene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 500	500	< 270	270	< 330	330	< 270	270	< 14000	14,000	< 280	280
2-Nitroaniline					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 32000	32,000	< 2000	2,000
2-Nitrophenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
3&4-Methylphenol (m&p-cresol)					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
3,3'-Dichlorobenzidine					< 1400	1,400	< 770	770	< 1400	1,400	< 760	760	< 14000	14,000	< 810	810
3-Nitroaniline					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 32000	32,000	< 2000	2,000
4,6-Dinitro-2-methylphenol					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 57000	57,000	< 2000	2,000
4-Bromophenyl phenyl ether					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
4-Chloro-3-methylphenol					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
4-Chloroaniline					< 1400	1,400	< 770	770	< 1400	1,400	< 760	760	< 14000	14,000	< 810	810
4-Chlorophenyl phenyl ether					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
4-Nitroaniline					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 32000	32,000	< 2000	2,000
4-Nitrophenol					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 57000	57,000	< 2000	2,000
Acenaphthene	9,800	20,000	100,000	100,000	**330**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Acetophenone					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Aniline					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 57000	57,000	< 2000	2,000
Anthracene	1,000,000	100,000	100,000	100,000	**840**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Benz(a)anthracene	1,000	1,000	1,000	1,000	**1,700**	500	< 270	270	**350**	500	< 270	270	< 14000	14,000	< 280	280
Benzidine					< 1400	1,400	< 770	770	< 1400	1,400	< 760	760	< 24000	24,000	< 810	810
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**1,500**	500	< 270	270	**320**	500	< 270	270	< 14000	14,000	< 280	280
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**2,000**	500	< 270	270	**390**	500	< 270	270	< 14000	14,000	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**1,000**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**600**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Benzoic acid					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 57000	57,000	< 2000	2,000
Benzyl butyl phthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Bis(2-chloroethoxy)methane					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Bis(2-chloroethyl)ether					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
Bis(2-chloroisopropyl)ether					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Bis(2-ethylhexyl)phthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Carbazole					< 3600	3,600	< 1900	1,900	< 3600	3,600	< 1900	1,900	< 30000	30,000	< 2000	2,000
Chrysene	1,000	1,000	1,000	3,900	**1,800**	500	< 270	270	**390**	500	< 270	270	< 14000	14,000	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	**290**	500	< 270	270	< 330	330	< 270	270	< 14000	14,000	< 280	280
Dibenzofuran	210,000	7,000	59,000	59,000	**290**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Diethyl phthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Dimethylphthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Di-n-butylphthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Di-n-octylphthalate					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	**3,600**	500	< 270	270	**570**	500	< 270	270	< 14000	14,000	< 280	280
Fluorene	386,000	30,000	100,000	100,000	**340**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Hexachlorobenzene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Hexachlorobutadiene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Hexachlorocyclopentadiene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Hexachloroethane					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,000**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Isophorone					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Naphthalene	12,000	12,000	100,000	100,000	**290**	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
Nitrobenzene					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
N-Nitrosodimethylamine					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
N-Nitrosodi-n-propylamine					< 500	500	< 270	270	< 500	500	< 270	270	< 14000	14,000	< 280	280
N-Nitrosodiphenylamine					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
Pentachloronitrobenzene					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280
Phenanthrene	1,000,000	100,000	100,000	100,000	**3,500**	500	< 270	270	**510**	500	< 270	270	< 14000	14,000	< 280	280
Phenol	330	330	100,000	100,000	< 500	500	< 270	270	< 330	330	< 270	270	< 14000	14,000	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	**2,900**	500	< 270	270	**490**	500	< 270	270	< 14000	14,000	< 280	280
Pyridine					< 500	500	< 270	270	< 500	500	< 270	270	< 20000	20,000	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Duplicate 2		Duplicate 3		Duplicate 4	
					11/21/2014		12/9/2014		12/12/2014	
					µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 1300	1,300	< 520	520	< 260	260
1,2,4-Trichlorobenzene					< 1300	1,300	< 520	520	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 1300	1,300	< 520	520	< 260	260
1,2-Diphenylhydrazine					< 1300	1,300	< 520	520	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 1300	1,300	< 520	520	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 1300	1,300	< 520	520	< 260	260
2,4,5-Trichlorophenol					< 1300	1,300	< 520	520	< 260	260
2,4,6-Trichlorophenol					< 1300	1,300	< 520	520	< 260	260
2,4-Dichlorophenol					< 1300	1,300	< 520	520	< 260	260
2,4-Dimethylphenol					< 1300	1,300	< 520	520	< 260	260
2,4-Dinitrophenol					< 9000	9,000	< 3700	3,700	< 1800	1,800
2,4-Dinitrotoluene					< 1300	1,300	< 520	520	< 260	260
2,6-Dinitrotoluene					< 1300	1,300	< 520	520	< 260	260
2-Chloronaphthalene					< 1300	1,300	< 520	520	< 260	260
2-Chlorophenol					< 1300	1,300	< 520	520	< 260	260
2-Methylnaphthalene					**550**	1,300	< 520	520	**300**	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 1300	1,300	< 330	330	< 260	260
2-Nitroaniline					< 9000	9,000	< 3700	3,700	< 1800	1,800
2-Nitrophenol					< 1300	1,300	< 520	520	< 260	260
3&4-Methylphenol (m&p-cresol)					< 1300	1,300	< 520	520	< 260	260
3,3'-Dichlorobenzidine					< 3600	3,600	< 1500	1,500	< 730	730
3-Nitroaniline					< 9000	9,000	< 3700	3,700	< 1800	1,800
4,6-Dinitro-2-methylphenol					< 9000	9,000	< 3700	3,700	< 1800	1,800
4-Bromophenyl phenyl ether					< 1300	1,300	< 520	520	< 260	260
4-Chloro-3-methylphenol					< 1300	1,300	< 520	520	< 260	260
4-Chloroaniline					< 3600	3,600	< 1500	1,500	< 730	730
4-Chlorophenyl phenyl ether					< 1300	1,300	< 520	520	< 260	260
4-Nitroaniline					< 9000	9,000	< 3700	3,700	< 1800	1,800
4-Nitrophenol					< 9000	9,000	< 3700	3,700	< 1800	1,800
Acenaphthene	9,800	20,000	100,000	100,000	**1,300**	1,300	< 520	520	**380**	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 1300	1,300	< 520	520	**310**	260
Acetophenone					< 1300	1,300	< 520	520	< 260	260
Aniline					< 9000	9,000	< 3700	3,700	< 1800	1,800
Anthracene	1,000,000	100,000	100,000	100,000	**3,400**	1,300	**430**	520	**1,200**	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**4,400**	1,300	**1,900**	520	**4,200**	260
Benzidine					< 3600	3,600	< 1500	1,500	< 730	730
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**4,000**	1,300	**1,300**	520	**3,800**	260
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**5,300**	1,300	**3,000**	520	**4,700**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**1,000**	1,300	**510**	520	**2,300**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**2,300**	1,300	**930**	520	**1,500**	260
Benzoic acid					< 9000	9,000	< 3700	3,700	< 1800	1,800
Benzyl butyl phthalate					< 1300	1,300	< 520	520	< 260	260
Bis(2-chloroethoxy)methane					< 1300	1,300	< 520	520	< 260	260
Bis(2-chloroethyl)ether					< 1300	1,300	< 520	520	< 260	260
Bis(2-chloroisopropyl)ether					< 1300	1,300	< 520	520	< 260	260
Bis(2-ethylhexyl)phthalate					< 1300	1,300	< 520	520	< 260	260
Carbazole					**1,600**	9,000	< 3700	3,700	**450**	1,800
Chrysene	1,000	1,000	1,000	3,900	**4,600**	1,300	**2,600**	520	**4,200**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 1300	1,300	< 330	330	**590**	260
Dibenzofuran	210,000	7,000	59,000	59,000	**1,100**	1,300	< 520	520	**380**	260
Diethyl phthalate					< 1300	1,300	< 520	520	< 260	260
Dimethylphthalate					< 1300	1,300	< 520	520	< 260	260
Di-n-butylphthalate					< 1300	1,300	< 520	520	< 260	260
Di-n-octylphthalate					< 1300	1,300	< 520	520	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**8,100**	1,300	**4,600**	520	**7,700**	1,300
Fluorene	386,000	30,000	100,000	100,000	**1,700**	1,300	< 520	520	**540**	260
Hexachlorobenzene					< 1300	1,300	< 520	520	< 260	260
Hexachlorobutadiene					< 1300	1,300	< 520	520	< 260	260
Hexachlorocyclopentadiene					< 1300	1,300	< 520	520	< 260	260
Hexachloroethane					< 1300	1,300	< 520	520	< 260	260
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,300**	1,300	**570**	520	**2,200**	260
Isophorone					< 1300	1,300	< 520	520	< 260	260
Naphthalene	12,000	12,000	100,000	100,000	**1,000**	1,300	**230**	520	**710**	260
Nitrobenzene					< 1300	1,300	< 520	520	< 260	260
N-Nitrosodimethylamine					< 1300	1,300	< 520	520	< 260	260
N-Nitrosodi-n-propylamine					< 1300	1,300	< 520	520	< 260	260
N-Nitrosodiphenylamine					< 1300	1,300	< 520	520	< 260	260
Pentachloronitrobenzene					< 1300	1,300	< 520	520	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 1300	1,300	< 520	520	< 260	260
Phenanthrene	1,000,000	100,000	100,000	100,000	**9,300**	1,300	**3,600**	520	**5,500**	1,300
Phenol	330	330	100,000	100,000	< 1300	1,300	< 330	330	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**6,000**	1,300	**2,300**	520	**4,800**	260
Pyridine					< 1300	1,300	< 520	520	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B3				B4				B6	
						(0-2')		(5-7')		(0-2')		(5-7' WT)		(0-2')	
						3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/6/2014	
						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 4.3	4.3	-	-	-	-	-	-	-	-
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.2	2.2	-	-	-	-	-	-	-	-
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.9	2.9	-	-	-	-	-	-	-	-
	a-BHC	20	20	97	480	< 3.4	3.4	-	-	-	-	-	-	-	-
	a-Chlordane	2,900	94	910	4,200	< 3.4	3.4	-	-	-	-	-	-	-	-
	Aldrin	190	5	19	97	< 1.1	1.1	-	-	-	-	-	-	-	-
	b-BHC	90	36	72	360	< 3.4	3.4	-	-	-	-	-	-	-	-
	Chlordane					< 11	11	-	-	-	-	-	-	-	-
	d-BHC	250	40	100,000	100,000	< 3.4	3.4	-	-	-	-	-	-	-	-
	Dieldrin	100	5	39	200	< 1.1	1.1	-	-	-	-	-	-	-	-
	Endosulfan I	102,000	2,400	4,800	24,000	< 3.4	3.4	-	-	-	-	-	-	-	-
	Endosulfan II	102,000	2,400	4,800	24,000	< 6.9	6.9	-	-	-	-	-	-	-	-
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 6.9	6.9	-	-	-	-	-	-	-	-
	Endrin	60	14	2,200	11,000	< 6.9	6.9	-	-	-	-	-	-	-	-
	Endrin aldehyde					< 6.9	6.9	-	-	-	-	-	-	-	-
	Endrin ketone					< 6.9	6.9	-	-	-	-	-	-	-	-
	g-BHC	100	100	280	1,300	< 1.1	1.1	-	-	-	-	-	-	-	-
	g-Chlordane					-	-	-	-	-	-	-	-	-	-
	Heptachlor	380	42	420	2,100	< 2.2	2.2	-	-	-	-	-	-	-	-
	Heptachlor epoxide					< 3.4	3.4	-	-	-	-	-	-	-	-
	Methoxychlor					< 34	34	-	-	-	-	-	-	-	-
	Toxaphene					< 180	180	-	-	-	-	-	-	-	-
PCBs	PCB-1016		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1221		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1232		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1242		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1248		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1254		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1260		100	1,000		< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1262					< 72	72	< 76	76	< 76	76	< 79	79	< 36	36
	PCB-1268					< 72	72	< 76	76	< 76	76	< 79	79	< 36	36

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B9				B10				B11		B13	
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(0-2')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/1/2014		3/2/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	17,000	3.3	1,800	8,900	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	136,000	3.3	1,700	7,900	-	-	-	-	-	-	-	-	-	-	-	-
a-BHC	20	20	97	480	-	-	-	-	-	-	-	-	-	-	-	-
a-Chlordane	2,900	94	910	4,200	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	190	5	19	97	-	-	-	-	-	-	-	-	-	-	-	-
b-BHC	90	36	72	360	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane					-	-	-	-	-	-	-	-	-	-	-	-
d-BHC	250	40	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	100	5	39	200	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	60	14	2,200	11,000	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone					-	-	-	-	-	-	-	-	-	-	-	-
g-BHC	100	100	280	1,300	-	-	-	-	-	-	-	-	-	-	-	-
g-Chlordane					-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	380	42	420	2,100	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide					-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor					-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene					-	-	-	-	-	-	-	-	-	-	-	-
PCB-1016		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1221		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1232		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1242		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1248		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1254		100	1,000		< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1260		100	1,000		< 75	75	**6,300**	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1262					< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36
PCB-1268					< 75	75	< 1000	1,000	< 72	72	< 84	84	< 37	37	< 36	36

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B15		B16		B17		B18		B19	
					(0-2')		(0-2')		(0-2')		(0-2')		(0-2')	
					3/3/2014		3/4/2014		3/5/2014		3/6/2014		3/6/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	17,000	3.3	1,800	8,900	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	136,000	3.3	1,700	7,900	-	-	-	-	-	-	-	-	-	-
a-BHC	20	20	97	480	-	-	-	-	-	-	-	-	-	-
a-Chlordane	2,900	94	910	4,200	-	-	-	-	-	-	-	-	-	-
Aldrin	190	5	19	97	-	-	-	-	-	-	-	-	-	-
b-BHC	90	36	72	360	-	-	-	-	-	-	-	-	-	-
Chlordane					-	-	-	-	-	-	-	-	-	-
d-BHC	250	40	100,000	100,000	-	-	-	-	-	-	-	-	-	-
Dieldrin	100	5	39	200	-	-	-	-	-	-	-	-	-	-
Endosulfan I	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-
Endosulfan II	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-
Endrin	60	14	2,200	11,000	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde					-	-	-	-	-	-	-	-	-	-
Endrin ketone					-	-	-	-	-	-	-	-	-	-
g-BHC	100	100	280	1,300	-	-	-	-	-	-	-	-	-	-
g-Chlordane					-	-	-	-	-	-	-	-	-	-
Heptachlor	380	42	420	2,100	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide					-	-	-	-	-	-	-	-	-	-
Methoxychlor					-	-	-	-	-	-	-	-	-	-
Toxaphene					-	-	-	-	-	-	-	-	-	-
PCB-1016		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1221		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1232		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1242		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1248		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1254		100	1,000		< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1260		100	1,000		< 37	37	< 38	38	**60**	40	< 36	36	< 37	37
PCB-1262					< 37	37	< 38	38	< 40	40	< 36	36	< 37	37
PCB-1268					< 37	37	< 38	38	< 40	40	< 36	36	< 37	37

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B20				B23				B25			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					mg/Kg		mg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	-	-	-	-	< 3.2	3.2	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3
4,4' -DDE	17,000	3.3	1,800	8,900	-	-	-	-	**3.3**	2.3	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3
4,4' -DDT	136,000	3.3	1,700	7,900	-	-	-	-	< 2.3	2.3	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3
a-BHC	20	20	97	480	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
a-Chlordane	2,900	94	910	4,200	-	-	-	-	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 3.9	3.9
Aldrin	190	5	19	97	-	-	-	-	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 3.9	3.9
b-BHC	90	36	72	360	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Chlordane					-	-	-	-	< 38	38	< 38	38	< 36	36	< 39	39
d-BHC	250	40	100,000	100,000	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Dieldrin	100	5	39	200	-	-	-	-	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 3.9	3.9
Endosulfan I	102,000	2,400	4,800	24,000	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Endosulfan II	102,000	2,400	4,800	24,000	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Endrin	60	14	2,200	11,000	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Endrin aldehyde					-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Endrin ketone					-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
g-BHC	100	100	280	1,300	-	-	-	-	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6
g-Chlordane					-	-	-	-	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 3.9	3.9
Heptachlor	380	42	420	2,100	-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Heptachlor epoxide					-	-	-	-	< 7.5	7.5	< 7.5	7.5	< 7.1	7.1	< 7.8	7.8
Methoxychlor					-	-	-	-	< 38	38	< 38	38	< 36	36	< 39	39
Toxaphene					-	-	-	-	< 150	150	< 150	150	< 140	140	< 160	160
PCB-1016		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1221		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1232		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1242		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1248		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1254		100	1,000		< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1260		100	1,000		< 73	73	< 79	79	**38**	38	< 38	38	< 36	36	< 39	39
PCB-1262					< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39
PCB-1268					< 73	73	< 79	79	< 38	38	< 38	38	< 36	36	< 39	39

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B28				B30				B32		B33	
					(0-2')		(5-7')		(0-2')		(5-7')		(5-7')		(5-7')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		12/9/2014		12/12/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	< 5.0	5	< 2.6	2.6	< 2.1	2.1	< 2.4	2.4	< 3.3	3.3	< 11	11
4,4' -DDE	17,000	3.3	1,800	8,900	< 2.1	2.1	< 2.6	2.6	< 2.1	2.1	< 2.4	2.4	< 2.3	2.3	< 11	11
4,4' -DDT	136,000	3.3	1,700	7,900	< 6.0	6	< 2.6	2.6	< 2.1	2.1	< 2.4	2.4	**11**	2.3	< 25	25
a-BHC	20	20	97	480	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 19	19
a-Chlordane	2,900	94	910	4,200	< 3.6	3.6	< 4.3	4.3	< 3.6	3.6	< 4.1	4.1	< 3.8	3.8	< 19	19
Aldrin	190	5	19	97	< 3.6	3.6	< 4.3	4.3	< 3.6	3.6	< 4.1	4.1	< 3.8	3.8	< 5.6	5.6
b-BHC	90	36	72	360	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 19	19
Chlordane					< 36	36	< 43	43	< 36	36	< 41	41	< 38	38	< 190	190
d-BHC	250	40	100,000	100,000	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Dieldrin	100	5	39	200	< 3.6	3.6	< 4.3	4.3	< 3.6	3.6	< 4.1	4.1	< 3.8	3.8	< 6.0	6
Endosulfan I	102,000	2,400	4,800	24,000	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Endosulfan II	102,000	2,400	4,800	24,000	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Endrin	60	14	2,200	11,000	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 19	19
Endrin aldehyde					< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Endrin ketone					< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
g-BHC	100	100	280	1,300	< 1.4	1.4	< 1.7	1.7	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 7.5	7.5
g-Chlordane					< 3.6	3.6	< 4.3	4.3	< 3.6	3.6	< 4.1	4.1	< 3.8	3.8	< 19	19
Heptachlor	380	42	420	2,100	< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Heptachlor epoxide					< 7.1	7.1	< 8.5	8.5	< 7.2	7.2	< 8.1	8.1	< 7.5	7.5	< 37	37
Methoxychlor					< 36	36	< 43	43	< 36	36	< 41	41	< 38	38	< 190	190
Toxaphene					< 140	140	< 170	170	< 140	140	< 160	160	< 150	150	< 750	750
PCB-1016		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1221		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1232		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1242		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1248		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1254		100	1,000		< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1260		100	1,000		**45**	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1262					< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37
PCB-1268					< 36	36	< 43	43	< 50	50	< 41	41	< 38	38	< 37	37

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 6
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B34		B35				B36			
					(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					12/8/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1	< 3.0	3
4,4' -DDE	17,000	3.3	1,800	8,900	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3
4,4' -DDT	136,000	3.3	1,700	7,900	**9.7**	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3
a-BHC	20	20	97	480	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
a-Chlordane	2,900	94	910	4,200	**6.5**	3.8	< 3.5	3.5	< 3.9	3.9	< 3.5	3.5	< 3.8	3.8
Aldrin	190	5	19	97	< 3.8	3.8	< 3.5	3.5	< 3.9	3.9	< 3.5	3.5	< 3.8	3.8
b-BHC	90	36	72	360	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Chlordane					**78**	38	< 35	35	< 39	39	< 35	35	< 38	38
d-BHC	250	40	100,000	100,000	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Dieldrin	100	5	39	200	< 3.8	3.8	< 3.5	3.5	< 3.9	3.9	< 3.5	3.5	< 3.8	3.8
Endosulfan I	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Endosulfan II	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Endrin	60	14	2,200	11,000	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Endrin aldehyde					< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Endrin ketone					< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5
g-Chlordane					**6.8**	3.8	< 3.5	3.5	< 3.9	3.9	< 3.5	3.5	< 3.8	3.8
Heptachlor	380	42	420	2,100	< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Heptachlor epoxide					< 7.5	7.5	< 7.1	7.1	< 7.7	7.7	< 7.0	7	< 7.6	7.6
Methoxychlor					< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
Toxaphene					< 150	150	< 140	140	< 150	150	< 140	140	< 150	150
PCB-1016		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1221		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1232		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1242		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1248		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1254		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1260		100	1,000		< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1262					< 38	38	< 35	35	< 39	39	< 35	35	< 38	38
PCB-1268					< 38	38	< 35	35	< 39	39	< 35	35	< 38	38

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

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Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Duplicate		Duplicate 1		Duplicate 2		Duplicate 3		Duplicate 4	
					3/6/2014		11/21/2014		11/21/2014		12/9/2014		12/12/2014	
					mg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	14,000	3.3	2,600	13,000	< 2.2	2.2	< 2.4	2.4	< 4.0	4	< 3.3	3.3	< 2.2	2.2
4,4' -DDE	17,000	3.3	1,800	8,900	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	**3.4**	3.3	< 5.0	5
4,4' -DDT	136,000	3.3	1,700	7,900	< 2.2	2.2	< 2.4	2.4	< 4.5	4.5	**16**	2.2	< 30	30
a-BHC	20	20	97	480	< 3.6	3.6	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
a-Chlordane	2,900	94	910	4,200	< 3.6	3.6	< 4.0	4	< 3.6	3.6	**9.6**	3.7	< 3.7	3.7
Aldrin	190	5	19	97	< 1.1	1.1	< 4.0	4	< 3.6	3.6	< 3.7	3.7	< 3.7	3.7
b-BHC	90	36	72	360	< 3.6	3.6	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Chlordane					< 11	11	< 40	40	< 36	36	**110**	37	< 37	37
d-BHC	250	40	100,000	100,000	< 3.6	3.6	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 10	10
Dieldrin	100	5	39	200	< 1.1	1.1	< 4.0	4	< 3.6	3.6	< 3.7	3.7	< 3.7	3.7
Endosulfan I	102,000	2,400	4,800	24,000	< 3.6	3.6	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Endosulfan II	102,000	2,400	4,800	24,000	< 7.2	7.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.2	7.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Endrin	60	14	2,200	11,000	< 7.2	7.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 10	10
Endrin aldehyde					< 7.2	7.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Endrin ketone					< 7.2	7.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
g-BHC	100	100	280	1,300	< 1.1	1.1	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5
g-Chlordane					-	-	< 4.0	4	< 3.6	3.6	**12**	3.7	< 3.7	3.7
Heptachlor	380	42	420	2,100	< 2.2	2.2	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Heptachlor epoxide					< 3.6	3.6	< 8.0	8	< 7.2	7.2	< 7.4	7.4	< 7.4	7.4
Methoxychlor					< 36	36	< 40	40	< 36	36	< 37	37	< 37	37
Toxaphene					< 190	190	< 160	160	< 140	140	< 150	150	< 150	150
PCB-1016		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1221		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1232		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1242		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1248		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1254		100	1,000		< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1260		100	1,000		< 75	75	< 40	40	**56**	36	< 37	37	< 37	37
PCB-1262					< 75	75	< 40	40	< 36	36	< 37	37	< 37	37
PCB-1268					< 75	75	< 40	40	< 36	36	< 37	37	< 37	37

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 7
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B3				B4				B6			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/5/2014		3/5/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**5,990**	54	**7,530**	60	**6,220**	60	**7,810**	64	**7,650**	36	**2,870**	39
Antimony					< 3.6	3.6	< 4.0	4	**11.6**	4	< 4.3	4.3	< 2.0	2	**6.6**	2
Arsenic	16	13	16	16	**6.2**	0.7	**1.9**	0.8	**10.5**	0.8	**1.5**	0.9	**3.9**	0.7	**28.4**	0.8
Barium	820	350	350	400	**114**	0.36	**38.9**	0.4	**452**	0.4	**63.1**	0.43	**146**	0.7	**86.4**	0.8
Beryllium	47	7.2	14.0	72	**0.35**	0.29	**0.34**	0.32	**0.43**	0.32	**0.37**	0.34	**0.38**	0.29	**0.26**	0.31
Cadmium	7.5	2.5	2.5	4.3	**0.7**	0.36	< 0.40	0.4	**1.7**	0.4	< 0.43	0.43	**0.4**	0.36	**1.12**	0.39
Calcium					**6,030**	5.4	**711**	6	**7,520**	6	**1,490**	6.4	**6,320**	36	**1,810**	39
Chromium		30			**16.5**	0.36	**10.4**	0.4	**21**	0.4	**12.5**	0.43	**19.9**	0.36	**18.4**	0.39
Cobalt					**7.38**	0.36	**5.94**	0.4	**9.92**	0.4	**6.57**	0.43	**5.51**	0.36	**14.1**	0.39
Copper	1,720	50	270	270	**88.5**	0.36	**11.1**	0.4	**156**	4	**12.9**	0.43	**63.4**	0.36	**92**	0.39
Iron					**31,500**	54	**14,300**	60	**56,800**	60	**15,700**	64	**18,100**	36	**72,800**	39
Lead	450	63	400	400	**479**	3.6	**6.76**	0.4	**901**	4	**6.2**	0.43	**129**	0.7	**1,010**	7.9
Magnesium					**1,940**	5.4	**2,480**	6	**2,170**	6	**3,160**	6.4	**2,840**	3.6	**961**	3.9
Manganese	2,000	1,600	2,000	2,000	**333**	3.6	**352**	4	**323**	4	**884**	4.3	**301**	3.6	**676**	3.9
Mercury	0.73	0.18	0.81	0.81	**0.59**	0.08	< 0.09	0.09	**1.01**	0.08	< 0.08	0.08	**0.21**	0.08	**0.11**	0.08
Nickel	130	30	140	310	**15.2**	0.36	**12.3**	0.4	**21.7**	0.4	**17.4**	0.43	**15.1**	0.36	**27.6**	0.39
Potassium					**1,230**	5.4	**1,010**	6	**1,220**	6	**1,660**	6.4	**1,600**	7	**747**	8
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.6	1.6	< 1.6	1.6	< 1.7	1.7	< 1.4	1.4	< 1.6	1.6
Silver	8.3	2	36	180	< 0.36	0.36	< 0.40	0.4	< 0.40	0.4	< 0.43	0.43	< 0.36	0.36	< 0.39	0.39
Sodium					**481**	5.4	**179**	6	**712**	6	**131**	6.4	**336**	7	**200**	8
Thallium					< 0.6	0.6	< 0.6	0.6	< 0.6	0.6	< 0.7	0.7	< 1.4	1.4	< 1.6	1.6
Vanadium					**22.6**	0.36	**15.6**	0.4	**26.3**	0.4	**16.3**	0.43	**23.7**	0.4	**25.7**	0.4
Zinc	2,480	109	2,200	10,000	**220**	3.6	**32.6**	0.4	**600**	4	**36.8**	0.43	**199**	7.2	**47**	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 7
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B9				B10				B11			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		3/6/2014		3/6/2014		3/5/2014		3/5/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,910**	51	**3,310**	74	**5,480**	54	**4,950**	62	**8,780**	36	**5,280**	37
Antimony					< 3.4	3.4	**18.2**	5	< 3.6	3.6	< 4.1	4.1	**2**	1.8	< 1.8	1.8
Arsenic	16	13	16	16	**2.1**	0.7	**10.1**	1	**1.5**	0.7	**30.8**	0.8	**2.7**	0.7	**6**	0.7
Barium	820	350	350	400	**69.7**	0.34	**1,220**	0.5	**54.8**	0.36	**72.3**	0.41	**60.6**	0.7	**63.1**	0.7
Beryllium	47	7.2	14.0	72	**0.36**	0.27	< 0.40	0.4	< 0.29	0.29	< 0.33	0.33	**0.44**	0.29	**0.49**	0.29
Cadmium	7.5	2.5	2.5	4.3	**0.42**	0.34	**3.11**	0.5	< 0.36	0.36	**0.9**	0.41	< 0.36	0.36	**0.37**	0.37
Calcium					**54,500**	51	**4,110**	7.4	**85,800**	54	**1,490**	6.2	**17,500**	36	**1,320**	37
Chromium		30			**17.1**	0.34	**42.4**	0.5	**5.87**	0.36	**33.4**	0.41	**16.1**	0.36	**14.3**	0.37
Cobalt					**4.05**	0.34	**11.6**	0.5	**5.81**	0.36	**16.8**	0.41	**5.57**	0.36	**14.5**	0.37
Copper	1,720	50	270	270	**24.7**	0.34	**572**	5	**93.6**	0.36	**105**	0.41	**43.3**	0.36	**131**	0.37
Iron					**17,100**	51	**165,000**	740	**17,400**	54	**53,800**	62	**14,900**	36	**30,300**	37
Lead	450	63	400	400	**63.6**	0.34	**2,320**	50	**50.8**	0.36	**1,170**	4.1	**63.7**	0.7	**546**	7.4
Magnesium					**18,600**	51	**2,290**	7.4	**48,300**	54	**2,290**	6.2	**8,600**	36	**1,650**	3.7
Manganese	2,000	1,600	2,000	2,000	**295**	3.4	**779**	5	**184**	3.6	**1,110**	4.1	**315**	3.6	**457**	3.7
Mercury	0.73	0.18	0.81	0.81	**0.09**	0.08	**0.63**	0.12	**0.12**	0.07	**1.4**	0.09	**0.07**	0.08	**4.29**	0.08
Nickel	130	30	140	310	**13.5**	0.34	**53.6**	0.5	**8.8**	0.36	**34.3**	0.41	**19.4**	0.36	**13.6**	0.37
Potassium					**1,530**	5.1	**2,490**	7.4	**1,000**	5.4	**1,380**	6.2	**1,140**	7	**1,190**	7
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 2.0	2	< 1.4	1.4	< 1.6	1.6	< 1.6	1.6	< 1.5	1.5
Silver	8.3	2	36	180	< 0.34	0.34	< 0.50	0.5	< 0.36	0.36	< 0.41	0.41	< 0.36	0.36	< 0.37	0.37
Sodium					**404**	5.1	**5,320**	7.4	**687**	5.4	**3,100**	6.2	**361**	7	**522**	7
Thallium					< 0.5	0.5	< 0.8	0.8	< 0.6	0.6	< 0.7	0.7	< 1.4	1.4	< 1.5	1.5
Vanadium					**27.4**	0.34	**62.5**	0.5	**44.6**	0.36	**34.9**	0.41	**29.4**	0.4	**19.5**	0.4
Zinc	2,480	109	2,200	10,000	**83.4**	0.34	**1,180**	5	**91.8**	0.36	**351**	4.1	**41**	0.7	**91**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 7
Former Consolidated Freightways Truck Terminal
11 West Street,
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Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B13				B15				B16			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/5/2014		3/5/2014		3/5/2014		3/5/2014		3/5/2014		3/5/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**7,630**	38	**7,110**	44	**6,570**	36	**6,530**	36	**9,290**	37	**9,950**	36
Antimony					< 1.9	1.9	< 2.2	2.2	**2.2**	1.8	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8
Arsenic	16	13	16	16	**3.8**	0.8	**8.2**	0.9	**7.2**	0.7	**1.9**	0.7	**4**	0.7	**2.1**	0.7
Barium	820	350	350	400	**81.2**	0.8	**224**	0.9	**133**	0.7	**30.2**	0.7	**82.1**	0.7	**49.6**	0.7
Beryllium	47	7.2	14.0	72	**0.34**	0.31	**0.33**	0.35	**0.42**	0.29	**0.35**	0.29	**0.51**	0.3	**0.5**	0.29
Cadmium	7.5	2.5	2.5	4.3	< 0.38	0.38	**1.03**	0.44	**0.83**	0.36	< 0.36	0.36	**3.01**	0.37	< 0.36	0.36
Calcium					**56,200**	38	**4,780**	44	**2,670**	36	**857**	36	**1,990**	37	**774**	36
Chromium		30			**17.3**	0.38	**16.4**	0.44	**16.8**	0.36	**10.3**	0.36	**19.3**	0.37	**14.1**	0.36
Cobalt					**3.37**	0.38	**8.73**	0.44	**7.97**	0.36	**6.56**	0.36	**8.53**	0.37	**6.25**	0.36
Copper	1,720	50	270	270	**24.8**	0.38	**81.3**	0.44	**96.4**	0.36	**11.8**	0.36	**71.8**	0.37	**12.7**	0.36
Iron					**11,300**	38	**47,300**	44	**34,700**	36	**14,000**	36	**25,200**	37	**17,600**	36
Lead	450	63	400	400	**35.9**	0.8	**498**	8.7	**273**	7.3	**5.7**	0.7	**105**	0.7	**10**	0.7
Magnesium					**6,850**	38	**3,100**	4.4	**2,210**	3.6	**2,410**	3.6	**2,920**	3.7	**2,860**	3.6
Manganese	2,000	1,600	2,000	2,000	**179**	3.8	**322**	4.4	**414**	3.6	**342**	3.6	**363**	3.7	**206**	3.6
Mercury	0.73	0.18	0.81	0.81	< 0.09	0.09	**0.2**	0.08	**0.29**	0.07	< 0.07	0.07	**0.22**	0.07	< 0.07	0.07
Nickel	130	30	140	310	**12**	0.38	**18.7**	0.44	**18.7**	0.36	**11.9**	0.36	**16.3**	0.37	**17.2**	0.36
Potassium					**1,840**	8	**1,150**	9	**974**	7	**910**	7	**1,520**	7	**905**	7
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.7	1.7	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5
Silver	8.3	2	36	180	< 0.38	0.38	< 0.44	0.44	< 0.36	0.36	< 0.36	0.36	< 0.37	0.37	< 0.36	0.36
Sodium					**484**	8	**253**	9	**359**	7	**182**	7	**731**	7	**144**	7
Thallium					< 1.5	1.5	< 1.7	1.7	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5
Vanadium					**24.3**	0.4	**20.5**	0.4	**22.9**	0.4	**13.9**	0.4	**26.4**	0.4	**18.1**	0.4
Zinc	2,480	109	2,200	10,000	**56.3**	0.8	**241**	8.7	**180**	7.3	**34.5**	0.7	**127**	0.7	**52.3**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B17				B18				B19			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					3/5/2014		3/5/2014		3/5/2014		3/5/2014		3/5/2014		3/5/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**4,430**	41	**6,460**	38	**7,240**	33	**6,610**	39	**5,870**	37	**9,200**	43
Antimony					**13.4**	2.1	**4.5**	1.9	**2**	1.6	< 1.9	1.9	**7.4**	1.9	< 2.1	2.1
Arsenic	16	13	16	16	**32.6**	0.8	**2.5**	0.8	**5.2**	0.7	**2.5**	0.8	**17**	0.7	**1.6**	0.9
Barium	820	350	350	400	**260**	0.8	**50**	0.8	**37.2**	0.7	**37.5**	0.8	**132**	0.7	**55.6**	0.9
Beryllium	47	7.2	14.0	72	**0.44**	0.33	**0.32**	0.3	**0.28**	0.26	**0.3**	0.31	**0.35**	0.3	**0.46**	0.34
Cadmium	7.5	2.5	2.5	4.3	**6.42**	0.41	**0.35**	0.38	**0.14**	0.33	< 0.39	0.39	**0.69**	0.37	< 0.43	0.43
Calcium					**1,640**	41	**1,520**	38	**870**	33	**1,310**	39	**2,100**	37	**1,070**	4.3
Chromium		30			**43.8**	0.41	**26.3**	0.38	**12.8**	0.33	**12.7**	0.39	**17.2**	0.37	**14.3**	0.43
Cobalt					**15.4**	0.41	**7.07**	0.38	**5.02**	0.33	**10.2**	0.39	**6.89**	0.37	**5.66**	0.43
Copper	1,720	50	270	270	**243**	4.1	**33.8**	0.38	**18**	0.33	**19.9**	0.39	**115**	0.37	**11**	0.43
Iron					**162,000**	410	**25,100**	38	**20,900**	33	**15,900**	39	**32,800**	37	**15,100**	43
Lead	450	63	400	400	**1,070**	8.2	**99.2**	0.8	**17.9**	0.7	**6.2**	0.8	**2,070**	74	**10.5**	0.9
Magnesium					**1,070**	4.1	**4,900**	3.8	**2,540**	3.3	**2,970**	3.9	**1,920**	3.7	**2,510**	4.3
Manganese	2,000	1,600	2,000	2,000	**695**	4.1	**335**	3.8	**327**	3.3	**521**	3.9	**300**	3.7	**375**	4.3
Mercury	0.73	0.18	0.81	0.81	**0.53**	0.09	< 0.07	0.07	< 0.06	0.06	< 0.08	0.08	**1.9**	0.07	< 0.07	0.07
Nickel	130	30	140	310	**45.4**	0.41	**17.9**	0.38	**12.3**	0.33	**14.2**	0.39	**17.8**	0.37	**13.9**	0.43
Potassium					**764**	8	**2,050**	8	**1,180**	7	**1,340**	8	**1,030**	7	**871**	9
Selenium	4	3.9	36.0	180	< 1.6	1.6	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.5	1.5	< 1.7	1.7
Silver	8.3	2	36	180	< 0.41	0.41	< 0.38	0.38	< 0.33	0.33	< 0.39	0.39	< 0.37	0.37	< 0.43	0.43
Sodium					**151**	8	**146**	8	**167**	7	**104**	8	**208**	7	**69**	9
Thallium					< 1.6	1.6	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.5	1.5	< 1.7	1.7
Vanadium					**35.7**	0.4	**30.5**	0.4	**16.7**	0.3	**14.7**	0.4	**27.2**	0.4	**17.9**	0.4
Zinc	2,480	109	2,200	10,000	**946**	8.2	**74.9**	0.8	**30**	0.7	**35.2**	0.8	**191**	7.4	**64.2**	0.9

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B20				B23				B25			
					(0-2')		(5-7' WT)		(0-2')		(5-7')		(0-2')		(5-7')	
					3/6/2014		3/6/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**5,240**	57	**6,060**	60	**6,450**	34	**6,430**	34	**4,770**	39	**4,510**	42
Antimony					< 3.8	3.8	< 4.0	4	< 1.7	1.7	< 1.7	1.7	< 1.9	1.9	< 2.1	2.1
Arsenic	16	13	16	16	**3.6**	0.8	**6.8**	0.8	**5**	0.7	**1.3**	0.7	**55**	0.8	**20.3**	0.8
Barium	820	350	350	400	**62.4**	0.38	**243**	0.4	**70.6**	0.7	**51.5**	0.7	**46.5**	0.8	**45.4**	0.8
Beryllium	47	7.2	14.0	72	< 0.31	0.31	< 0.32	0.32	**0.36**	0.27	**0.39**	0.27	< 0.31	0.31	< 0.34	0.34
Cadmium	7.5	2.5	2.5	4.3	< 0.38	0.38	**0.8**	0.4	**0.7**	0.34	**0.31**	0.34	**0.51**	0.39	**0.25**	0.42
Calcium					**95,700**	57	**16,700**	60	**44,400**	34	**703**	3.4	**5,510**	3.9	**855**	4.2
Chromium		30			**7.98**	0.38	**15.3**	0.4	**10.6**	0.34	**16.3**	0.34	**11**	0.39	**10.4**	0.42
Cobalt					**3.94**	0.38	**5.71**	0.4	**9.85**	0.34	**7.77**	0.34	**4.17**	0.39	**3.86**	0.42
Copper	1,720	50	270	270	**30.7**	0.38	**80.6**	0.4	**133**	3.4	**21.7**	0.34	**29.9**	0.39	**16.5**	0.42
Iron					**10,900**	57	**31,800**	60	**22,300**	34	**18,200**	34	**27,500**	39	**24,400**	42
Lead	450	63	400	400	**69.6**	0.38	**777**	4	**150**	6.8	**7.1**	0.7	**14.4**	0.8	**6.2**	0.8
Magnesium					**30,700**	57	**13,400**	60	**19,900**	34	**2,610**	3.4	**4,160**	3.9	**2,050**	4.2
Manganese	2,000	1,600	2,000	2,000	**282**	3.8	**245**	4	**234**	3.4	**295**	3.4	**80.2**	0.39	**169**	4.2
Mercury	0.73	0.18	0.81	0.81	**0.39**	0.07	**0.32**	0.08	**0.44**	0.07	**0.11**	0.07	< 0.07	0.07	< 0.08	0.08
Nickel	130	30	140	310	**11.1**	0.38	**17.2**	0.4	**13.2**	0.34	**12.6**	0.34	**7.96**	0.39	**8.11**	0.42
Potassium					**1,550**	5.7	**1,180**	6	**1,170**	7	**1,950**	7	**1,430**	8	**1,140**	8
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.4	1.4	**1.5**	1.6	< 1.7	1.7
Silver	8.3	2	36	180	< 0.38	0.38	< 0.40	0.4	< 0.34	0.34	< 0.34	0.34	< 0.39	0.39	< 0.42	0.42
Sodium					**530**	5.7	**3,050**	6	**537**	7	**367**	7	**629**	8	**222**	8
Thallium					< 0.6	0.6	< 0.6	0.6	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.7	1.7
Vanadium					**21.1**	0.38	**36.5**	0.4	**46.5**	0.3	**23**	0.3	**25.8**	0.4	**14.5**	0.4
Zinc	2,480	109	2,200	10,000	**48.8**	0.38	**572**	4	**88.1**	0.7	**80.6**	0.7	**29**	0.8	**26.4**	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 7
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B28				B29				B30			
					(0-2')		(5-7')		(0-2')		(5-7')		(0-2')		(5-7')	
					11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014		11/21/2014	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**7,050**	37	**7,490**	41	**6,630**	32	**10,200**	40	**8,820**	34	**10,600**	37
Antimony					< 1.8	1.8	< 2.1	2.1	< 1.6	1.6	< 2.0	2	< 1.7	1.7	< 1.8	1.8
Arsenic	16	13	16	16	**4.7**	0.7	**2.7**	0.8	**5.8**	0.6	**2.8**	0.8	**6.2**	0.7	**2.2**	0.7
Barium	820	350	350	400	**110**	0.7	**34.1**	0.8	**73.8**	0.6	**44.4**	0.8	**109**	0.7	**52.1**	0.7
Beryllium	47	7.2	14.0	72	**0.42**	0.29	**0.36**	0.33	**0.26**	0.26	**0.47**	0.32	**0.46**	0.27	**0.48**	0.29
Cadmium	7.5	2.5	2.5	4.3	**1.66**	0.37	< 0.41	0.41	**0.55**	0.32	< 0.40	0.4	**0.56**	0.34	< 0.37	0.37
Calcium					**19,300**	37	**1,010**	4.1	**15,800**	32	**608**	4	**27,900**	34	**1,080**	3.7
Chromium		30			**22.4**	0.37	**15.5**	0.41	**15.2**	0.32	**14**	0.4	**17.3**	0.34	**14.8**	0.37
Cobalt					**10.8**	0.37	**6.57**	0.41	**9.95**	0.32	**6.58**	0.4	**6.22**	0.34	**6.61**	0.37
Copper	1,720	50	270	270	**561**	3.7	**16.2**	0.41	**108**	0.32	**12.1**	0.4	**48.3**	0.34	**10.8**	0.37
Iron					**35,400**	37	**16,500**	41	**33,300**	32	**17,500**	40	**33,200**	34	**18,100**	37
Lead	450	63	400	400	**302**	7.3	**6.7**	0.8	**305**	6.4	**8.5**	0.8	**273**	6.8	**11.6**	0.7
Magnesium					**5,050**	3.7	**2,920**	4.1	**8,990**	32	**2,900**	4	**2,740**	3.4	**2,650**	3.7
Manganese	2,000	1,600	2,000	2,000	**448**	3.7	**336**	4.1	**296**	3.2	**343**	4	**377**	3.4	**373**	3.7
Mercury	0.73	0.18	0.81	0.81	**0.16**	0.09	< 0.09	0.09	**0.14**	0.06	< 0.08	0.08	**0.14**	0.07	< 0.08	0.08
Nickel	130	30	140	310	**19**	0.37	**13**	0.41	**13.3**	0.32	**14.1**	0.4	**13**	0.34	**12.8**	0.37
Potassium					**1,820**	7	**900**	8	**1,600**	6	**924**	8	**1,400**	7	**958**	7
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5
Silver	8.3	2	36	180	< 0.37	0.37	< 0.41	0.41	< 0.32	0.32	< 0.40	0.4	< 0.34	0.34	< 0.37	0.37
Sodium					**452**	7	**224**	8	**367**	6	**72**	8	**385**	7	**66**	7
Thallium					< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5
Vanadium					**27.9**	0.4	**16.4**	0.4	**37.1**	0.3	**17.5**	0.4	**21.1**	0.3	**18.3**	0.4
Zinc	2,480	109	2,200	10,000	**245**	7.3	**34.7**	0.8	**160**	6.4	**47.3**	0.8	**86.8**	0.7	**40.1**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 7
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B31				Duplicate	
					(0-2')		(5-7')			
					11/21/2014		11/21/2014		3/6/2014	
					mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL
Aluminum					**7,640**	34	**10,600**	42	**6,350**	55
Antimony					< 1.7	1.7	< 2.1	2.1	< 3.7	3.7
Arsenic	16	13	16	16	**3.2**	0.7	**2.8**	0.8	**1.4**	0.7
Barium	820	350	350	400	**95.1**	0.7	**57.2**	0.8	**34.4**	0.37
Beryllium	47	7.2	14.0	72	**0.38**	0.27	**0.49**	0.34	**0.48**	0.29
Cadmium	7.5	2.5	2.5	4.3	**0.28**	0.34	< 0.42	0.42	< 0.37	0.37
Calcium					**13,900**	34	**981**	4.2	**731**	5.5
Chromium		30			**14.1**	0.34	**14.9**	0.42	**10.3**	0.37
Cobalt					**6.84**	0.34	**7.15**	0.42	**5.87**	0.37
Copper	1,720	50	270	270	**36.6**	0.34	**13.3**	0.42	**16.3**	0.37
Iron					**18,900**	34	**17,200**	42	**22,900**	55
Lead	450	63	400	400	**326**	6.9	**41**	0.8	**6.78**	0.37
Magnesium					**3,190**	3.4	**2,720**	4.2	**2,110**	5.5
Manganese	2,000	1,600	2,000	2,000	**248**	3.4	**436**	4.2	**486**	3.7
Mercury	0.73	0.18	0.81	0.81	< 0.08	0.08	< 0.10	0.1	< 0.07	0.07
Nickel	130	30	140	310	**12.8**	0.34	**15.3**	0.42	**12.6**	0.37
Potassium					**1,280**	7	**961**	8	**1,150**	5.5
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.7	1.7	< 1.5	1.5
Silver	8.3	2	36	180	< 0.34	0.34	< 0.42	0.42	< 0.37	0.37
Sodium					**348**	7	**350**	8	**316**	5.5
Thallium					< 1.4	1.4	< 1.7	1.7	< 0.6	0.6
Vanadium					**22.8**	0.3	**17.8**	0.4	**19.4**	0.37
Zinc	2,480	109	2,200	10,000	**131**	0.7	**119**	0.8	**30.3**	0.37

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 8
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1				MW2				MW3				MW4			
		3/11/2014		12/23/2014		3/11/2014		12/23/2014		3/11/2014		12/23/2014		3/11/2014		12/5/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	**0.44**	5
1,1,2,2-Tetrachloroethane	5	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
Acetone		< 25	25	**1.7**	5	< 25	25	**2**	5	< 25	25	**1.4**	5	< 25	25	**2**	5
Acrolein		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	< 0.70	0.7	< 5.0	5	< 0.70	0.7	< 5.0	5	< 0.70	0.7	< 5.0	5	< 0.70	0.7	< 5.0	5
Benzene	1	< 1.0	1	< 0.70	0.7	< 1.0	1	< 0.70	0.7	< 1.0	1	< 0.70	0.7	< 1.0	1	< 0.70	0.7
Bromobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromochloromethane	5	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1
Bromodichloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform		< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Bromomethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chlorobenzene	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Chloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Chloroform	7	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Chloromethane	60	< 1.0	1	**0.45**	5	< 1.0	1	**0.36**	5	< 1.0	1	**0.29**	5	< 1.0	1	**0.57**	5
cis-1,2-Dichloroethene	5	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1
cis-1,3-Dichloropropene		< 0.50	0.5	< 0.40	0.4	< 0.50	0.5	< 0.40	0.4	< 0.50	0.5	< 0.40	0.4	< 0.50	0.5	< 0.40	0.4
Dibromochloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dibromomethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Ethylbenzene	5	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1
Hexachlorobutadiene	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.5	0.5
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
m&p-Xylenes	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl t-butyl ether (MTBE)	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methylene chloride	5	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3
Naphthalene	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Propylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
o-Xylene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
p-Isopropyltoluene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Styrene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrachloroethene	5	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1
Tetrahydrofuran (THF)		< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Toluene	5	< 2.0	2	< 1.0	1	< 2.0	2	< 1.0	1	< 2.0	2	< 1.0	1	< 2.0	2	< 1.0	1
trans-1,2-Dichloroethene	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
trans-1,4-dichloro-2-butene	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
Trichloroethene	5	< 1.0	1	< 1.0	1	**3.1**	1	**0.31**	1	< 1.0	1	< 1.0	1	**1.2**	1	**0.29**	1
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

Notes:
RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 8
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW5				MW6				MW7		MW8		B21		Existing Well	
		3/11/2014		12/5/2014		3/11/2014		12/5/2014		3/11/2014		3/11/2014		3/11/2014		3/11/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,2,2-Tetrachloroethane	5	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	**2.7**	1	< 1.0	1
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acetone		< 25	25	< 5.0	5	< 25	25	**1.2**	5	< 25	25	< 25	25	< 25	25	< 25	25
Acrolein		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	< 0.70	0.7	< 5.0	5	< 0.70	0.7	< 5.0	5	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7
Benzene	1	< 1.0	1	< 0.70	0.7	< 1.0	1	< 0.70	0.7	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromochloromethane	5	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
Bromodichloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform		< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromomethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chlorobenzene	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chloroethane	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chloroform	7	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chloromethane	60	< 1.0	1	**0.44**	5	< 1.0	1	**0.41**	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
cis-1,2-Dichloroethene	5	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
cis-1,3-Dichloropropene		< 0.50	0.5	< 0.40	0.4	< 0.50	0.5	< 0.40	0.4	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
Dibromochloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dibromomethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Ethylbenzene	5	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
Hexachlorobutadiene	0.5	< 1.0	1	< 0.5	0.5	**1.8**	1	< 0.5	0.5	< 1.0	1	< 1.0	1	**14**	1	< 1.0	1
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
m&p-Xylenes	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl t-butyl ether (MTBE)	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methylene chloride	5	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 1.0	1	**1.5**	1	< 1.0	1
Naphthalene	10	< 1.0	1	< 1.0	1	**1.9**	1	< 1.0	1	< 1.0	1	< 1.0	1	**3.7**	1	< 1.0	1
n-Butylbenzene	5	< 1.0	1	< 1.0	1	**4.7**	1	< 1.0	1	< 1.0	1	< 1.0	1	**21**	1	< 1.0	1
n-Propylbenzene	5	< 1.0	1	**0.24**	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
o-Xylene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
p-Isopropyltoluene		< 1.0	1	< 1.0	1	**1.1**	1	< 1.0	1	< 1.0	1	< 1.0	1	**4.1**	1	< 1.0	1
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Styrene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	**1.1**	1	< 1.0	1
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrachloroethene	5	< 2.5	2.5	< 1.0	1	**7.3**	2.5	< 1.0	1	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Tetrahydrofuran (THF)		< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Toluene	5	< 2.0	2	< 1.0	1	< 2.0	2	< 1.0	1	< 2.0	2	< 2.0	2	< 2.0	2	< 2.0	2
trans-1,2-Dichloroethene	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
trans-1,4-dichloro-2-butene	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Trichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

Notes:
RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 8
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW10		MW11		MW12		MW13		MW14		MW15		MW16		MW17	
		12/5/2014		12/5/2014		12/5/2014		12/23/2014		12/23/2014		12/5/2014		12/5/2014		12/5/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,1,1-Trichloroethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1,2,2-Tetrachloroethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.6	0.6
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
4-Methyl-2-Pentanone		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Acetone		**3.1**	5	**2.7**	5	**3.6**	5	**2.9**	5	**9.1**	5	**1.4**	5	**3.6**	5	**2.2**	10
Acrolein		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzene	1	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.7	0.7
Bromobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Bromochloromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Bromodichloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Bromoform		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 10	10
Bromomethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Chlorobenzene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroform	7	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 7.0	7
Chloromethane	60	**0.81**	5	**0.43**	5	**0.75**	5	**0.42**	5	**1.2**	5	**0.27**	5	**0.66**	5	< 5.0	5
cis-1,2-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
cis-1,3-Dichloropropene		< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.4	0.4
Dibromochloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Dibromomethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Ethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5	< 0.50	0.5	< 0.50	0.5	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
m&p-Xylenes	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.48**	1	< 1.0	1	< 2.0	2
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Methyl t-butyl ether (MTBE)	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Methylene chloride	5	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 5.0	5
Naphthalene	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
n-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
n-Propylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
o-Xylene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
p-Isopropyltoluene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Styrene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Tetrachloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Tetrahydrofuran (THF)		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 10	10
Toluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
trans-1,2-Dichloroethene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.4	0.4
trans-1,4-dichloro-2-butene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Trichloroethene	5	< 1.0	1	**0.33**	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.58**	1	< 1.0	1	< 2.0	2
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2

Notes:
RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 8
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW18		MW19		Duplicate 1		Duplicate 2		Duplicate 3	
		12/5/2014		12/5/2014		12/5/2014		12/5/2014		3/11/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
1,1,2,2-Tetrachloroethane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 0.50	0.5
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	< 5	5	**0.6**	5	< 5.0	5	**0.6**	5	< 1.0	1
1,1-Dichloroethene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloropropene		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichlorobenzene		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichloropropane	0.04	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trichlorobenzene		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trimethylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromo-3-chloropropane	0.04	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromoethane		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichlorobenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichloroethane	0.6	< 0.6	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichloropropane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,2-Dichloropropane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Chlorotoluene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
2-Isopropyltoluene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chlorotoluene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
Acetone		**2.6**	10	**5.8**	5	**2**	5	**4.8**	5	< 25	25
Acrolein		< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 0.70	0.7
Benzene	1	< 0.7	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 1.0	1
Bromobenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromochloromethane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 0.50	0.5
Bromodichloromethane		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform		< 10	10	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
Bromomethane	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbon tetrachloride	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chlorobenzene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
Chloroethane	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
Chloroform	7	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
Chloromethane	60	**0.42**	5	**0.62**	5	**0.32**	5	**1.6**	5	< 1.0	1
cis-1,2-Dichloroethene	5	< 2.0	2	**0.41**	1	< 1.0	1	**0.42**	1	< 0.40	0.4
cis-1,3-Dichloropropene		< 0.4	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.50	0.5
Dibromochloromethane		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dibromomethane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dichlorodifluoromethane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Ethylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 0.40	0.4
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5	< 1.0	1
Isopropylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
m&p-Xylenes	5	< 2.0	2	< 1.0	1	**0.42**	1	< 1.0	1	< 5.0	5
Methyl Ethyl Ketone (2-Butanone)		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl t-butyl ether (MTBE)	10	< 2.0	2	**0.33**	1	< 1.0	1	**0.33**	1	< 1.0	1
Methylene chloride	5	< 5	5	< 3.0	3	< 3.0	3	< 3.0	3	< 1.0	1
Naphthalene	10	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Butylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Propylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
o-Xylene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
p-Isopropyltoluene		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
sec-Butylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Styrene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
tert-Butylbenzene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrachloroethene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 2.5	2.5
Tetrahydrofuran (THF)		< 10	10	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
Toluene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 2.0	2
trans-1,2-Dichloroethene	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1
trans-1,3-Dichloropropene	0.4	< 0.4	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
trans-1,4-dichloro-2-butene	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
Trichloroethene	5	< 2.0	2	**1**	1	**0.55**	1	**1.1**	1	< 1.0	1
Trichlorofluoromethane	5	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorotrifluoroethane		< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Vinyl Chloride	2	< 2.0	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

Notes:
RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1				MW2				MW3				MW4			
		3/11/2014		12/23/2014		3/11/2014		12/23/2014		3/11/2014		12/23/2014		3/11/2014		12/5/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 5.2	5.2	< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 5.0	5
1,2-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Diphenylhydrazine		< 1.0	1	< 5.0	5	< 1.0	1	< 5.2	5.2	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
1,3-Dichlorobenzene	3	**0.43**	0.05	< 1.0	1	< 0.05	0.05	< 1.0	1	< 0.05	0.05	< 1.0	1	< 0.05	0.05	< 1.0	1
1,4-Dichlorobenzene		< 0.05	0.05	< 1.0	1	< 0.05	0.05	< 1.0	1	**0.14**	0.05	< 1.0	1	< 0.05	0.05	< 1.0	1
2,4,5-Trichlorophenol	1	**0.04**	0.02	< 1.0	1	**0.08**	0.02	< 1.0	1	**0.27**	0.02	< 1.0	1	< 0.02	0.02	< 1.0	1
2,4,6-Trichlorophenol	1	< 0.02	0.02	< 1.0	1	**0.05**	0.02	< 1.0	1	**0.32**	0.02	< 1.0	1	< 0.02	0.02	< 1.0	1
2,4-Dichlorophenol		< 0.02	0.02	< 1.0	1	**0.07**	0.02	< 1.0	1	**0.56**	0.02	< 1.0	1	< 0.02	0.02	< 1.0	1
2,4-Dimethylphenol		< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1
2,4-Dinitrophenol	5	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 1.0	1
2,4-Dinitrotoluene	5	< 0.02	0.02	< 5.0	5	**0.03**	0.02	< 5	5	**0.18**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5
2,6-Dinitrotoluene	5	< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 5	5	< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 5.0	5
2-Chloronaphthalene	10	**0.03**	0.02	< 5.0	5	**0.07**	0.02	< 5.2	5.2	**0.32**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5
2-Chlorophenol	1	< 0.01	0.01	< 1.0	1	< 0.01	0.01	< 1.0	1	< 0.01	0.01	< 1.0	1	< 0.01	0.01	< 1.0	1
2-Methylnaphthalene		< 0.04	0.04	< 5.0	5	< 0.04	0.04	< 5.2	5.2	< 0.04	0.04	< 5.0	5	< 0.04	0.04	< 5.0	5
2-Methylphenol (o-cresol)	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1
2-Nitroaniline	5	< 2.4	2.4	< 5.0	5	< 2.4	2.4	< 5	5	< 2.4	2.4	< 5.0	5	< 2.4	2.4	< 5.0	5
2-Nitrophenol	1	< 0.02	0.02	< 1.0	1	**0.03**	0.02	< 1.0	1	**0.25**	0.02	< 1.0	1	< 0.02	0.02	< 1.0	1
3&4-Methylphenol (m&p-cresol)		< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1
3,3'-Dichlorobenzidine	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5
3-Nitroaniline	5	< 0.80	0.8	< 5.0	5	< 0.80	0.8	< 5	5	< 0.80	0.8	< 5.0	5	< 0.80	0.8	< 5.0	5
4,6-Dinitro-2-methylphenol	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
4-Bromophenyl phenyl ether		< 0.05	0.05	< 5.0	5	**0.12**	0.05	< 5.2	5.2	**0.2**	0.05	< 5.0	5	< 0.05	0.05	< 5.0	5
4-Chloro-3-methylphenol	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1
4-Chloroaniline	5	< 5.0	5	< 3.5	3.5	< 5.0	5	< 3.6	3.6	< 5.0	5	< 3.5	3.5	< 5.0	5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 5.2	5.2	< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 5.0	5
4-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Nitrophenol		< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1
Acetophenone		< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 5.2	5.2	< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 5.0	5
Aniline	5	< 1.0	1	< 3.5	3.5	< 1.0	1	< 3.6	3.6	< 1.0	1	< 3.5	3.5	< 1.0	1	< 3.5	3.5
Anthracene	50	< 1.0	1	< 5.0	5	< 1.0	1	< 5.2	5.2	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Benzidine	5	< 1.0	1	< 4.5	4.5	< 1.0	1	< 4.7	4.7	< 1.0	1	< 4.5	4.5	< 1.0	1	< 4.5	4.5
Benzoic acid		< 1.0	1	< 25	25	< 1.0	1	< 26	26	< 1.0	1	< 25	25	< 1.0	1	< 25	25
Benzyl butyl phthalate	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroethoxy)methane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroethyl)ether	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
Bis(2-chloroisopropyl)ether		< 1.0	1	< 5.0	5	< 1.0	1	< 5.2	5.2	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Carbazole		< 5.0	5	< 25	25	< 5.0	5	< 26	26	< 5.0	5	< 25	25	< 5.0	5	< 25	25
Dibenzofuran		< 1.0	1	< 5.0	5	< 1.0	1	< 5	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Diethyl phthalate	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Dimethylphthalate	50	< 1.0	1	< 5.0	5	< 1.0	1	< 5.2	5.2	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Di-n-butylphthalate	50	< 10	10	< 5.0	5	< 10	10	< 5.2	5.2	< 10	10	< 5.0	5	< 10	10	< 5.0	5
Di-n-octylphthalate	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Fluoranthene	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Fluorene	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Hexachlorobutadiene	0.5	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.42	0.42	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4
Hexachlorocyclopentadiene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Isophorone	50	< 1.0	1	< 5.0	5	< 1.0	1	< 5.2	5.2	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5
Naphthalene	10	< 5.0	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Nitrobenzene	0.4	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1
N-Nitrosodimethylamine		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
N-Nitrosodi-n-propylamine		< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
N-Nitrosodiphenylamine	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Phenol	50	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 1.0	1
Pyrene	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,2,4,5-Tetrachlorobenzene		< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.52	0.52	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5
Acenaphthene	20	< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 5.0	5
Acenaphthylene		< 5.0	5	< 5.0	5	< 5.0	5	< 5.2	5.2	< 5.0	5	< 5.0	5	< 5.0	5	< 0.10	0.1
Benz(a)anthracene	0.002	< 5.0	5	**0.02**	0.02	< 5.0	5	**0.24**	0.02	< 5.0	5	**0.05**	0.02	< 5.0	5	**0.04**	0.02
Benzo(a)pyrene	ND	< 5.0	5	< 0.02	0.02	< 5.0	5	**0.24**	0.02	< 5.0	5	**0.04**	0.02	< 5.0	5	**0.02**	0.02
Benzo(b)fluoranthene	0.002	< 5.0	5	< 0.02	0.02	< 5.0	5	**0.47**	0.02	< 5.0	5	**0.06**	0.02	< 5.0	5	**0.03**	0.02
Benzo(ghi)perylene		< 5.0	5	< 0.02	0.02	< 5.0	5	**0.2**	0.02	< 5.0	5	**0.04**	0.02	< 5.0	5	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 5.0	5	< 0.02	0.02	< 5.0	5	**0.17**	0.02	< 5.0	5	**0.03**	0.02	< 5.0	5	< 0.02	0.02
Bis(2-ethylhexyl)phthalate	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1
Chrysene	0.002	< 5.0	5	< 0.02	0.02	< 5.0	5	**0.25**	0.02	< 5.0	5	**0.04**	0.02	< 5.0	5	**0.02**	0.02
Dibenz(a,h)anthracene		< 5.0	5	< 0.02	0.02	< 5.0	5	**0.05**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02
Hexachlorobenzene	0.04	< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02
Hexachloroethane	5	< 5.0	5	< 0.50	0.5	< 5.0	5	< 0.52	0.52	< 5.0	5	< 0.50	0.5	< 5.0	5	< 0.50	0.5
Indeno(1,2,3-cd)pyrene	0.002	< 5.0	5	< 0.02	0.02	< 5.0	5	**0.19**	0.02	< 5.0	5	**0.03**	0.02	< 5.0	5	< 0.02	0.02
Pentachloronitrobenzene		< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1
Pentachlorophenol	1	< 5.0	5	< 0.80	0.8	< 5.0	5	< 0.83	0.83	< 5.0	5	< 0.80	0.8	< 5.0	5	< 0.80	0.8
Phenanthrene	50	< 1.0	1	< 0.10	0.1	< 1.0	1	**0.51**	0.1	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1
Pyridine	50	< 5.0	5	< 10	10	< 5.0	5	< 10	10	< 5.0	5	< 10	10	< 5.0	5	< 10	10

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW5				MW6				MW7		MW8		B21		Existing Well	
		3/11/2014		12/5/2014		3/11/2014		12/5/2014		3/11/2014		3/11/2014		3/11/2014		3/11/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 1.6	1.6	< 5.1	5.1	< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 1.6	1.6	< 1.6	1.6	< 1.6	1.6
1,2-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Diphenylhydrazine		< 1.0	1	< 5.1	5.1	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene	3	< 0.05	0.05	< 1.0	1	**0.41**	0.05	< 1.0	1	< 0.05	0.05	**0.06**	0.05	**4**	0.05	**0.06**	0.05
1,4-Dichlorobenzene		< 0.05	0.05	< 1.0	1	**0.19**	0.05	< 1.0	1	< 0.05	0.05	< 0.05	0.05	**1.8**	0.05	< 0.05	0.05
2,4,5-Trichlorophenol	1	< 0.02	0.02	< 1.0	1	**0.09**	0.02	< 1.0	1	**0.03**	0.02	**0.22**	0.02	**0.24**	0.02	**0.45**	0.02
2,4,6-Trichlorophenol	1	< 0.02	0.02	< 1.0	1	**0.06**	0.02	< 1.0	1	< 0.02	0.02	**0.17**	0.02	**0.2**	0.02	**0.5**	0.02
2,4-Dichlorophenol		< 0.02	0.02	< 1.0	1	**0.09**	0.02	< 1.0	1	< 0.02	0.02	**0.27**	0.02	**0.28**	0.02	**0.83**	0.02
2,4-Dimethylphenol		< 3.0	3	< 1.0	1	< 3.0	3	< 1.0	1	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3
2,4-Dinitrophenol	5	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 50	50	< 50	50	< 50	50
2,4-Dinitrotoluene	5	< 0.02	0.02	< 5	5	**0.04**	0.02	< 5.0	5	< 0.02	0.02	**0.08**	0.02	**0.09**	0.02	**0.25**	0.02
2,6-Dinitrotoluene	5	< 1.6	1.6	< 5	5	< 1.6	1.6	< 5.0	5	< 1.6	1.6	< 1.6	1.6	< 1.6	1.6	**3.2**	1.6
2-Chloronaphthalene	10	< 0.02	0.02	< 5.1	5.1	**0.09**	0.02	< 5.0	5	< 0.02	0.02	**0.21**	0.02	**0.32**	0.02	**0.6**	0.02
2-Chlorophenol	1	< 0.01	0.01	< 1.0	1	< 0.01	0.01	< 1.0	1	< 0.01	0.01	< 0.01	0.01	**0.04**	0.01	< 0.01	0.01
2-Methylnaphthalene		< 0.04	0.04	< 5.1	5.1	< 0.04	0.04	< 5.0	5	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04
2-Methylphenol (o-cresol)	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
2-Nitroaniline	5	< 2.4	2.4	< 5	5	< 2.4	2.4	< 5.0	5	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4
2-Nitrophenol	1	< 0.02	0.02	< 1.0	1	**0.04**	0.02	< 1.0	1	< 0.02	0.02	**0.11**	0.02	**0.11**	0.02	**0.31**	0.02
3&4-Methylphenol (m&p-cresol)		< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 1.0	1	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
3,3'-Dichlorobenzidine	5	< 0.10	0.1	< 5	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
3-Nitroaniline	5	< 0.80	0.8	< 5	5	< 0.80	0.8	< 5.0	5	< 0.80	0.8	< 0.80	0.8	< 0.80	0.8	< 0.80	0.8
4,6-Dinitro-2-methylphenol	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Bromophenyl phenyl ether		< 0.05	0.05	< 5.1	5.1	**0.41**	0.05	< 5.0	5	< 0.05	0.05	**0.64**	0.05	**8**	0.05	**0.52**	0.05
4-Chloro-3-methylphenol	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 1.0	1	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
4-Chloroaniline	5	< 5.0	5	< 3.6	3.6	< 5.0	5	< 3.5	3.5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Chlorophenyl phenyl ether		< 2.5	2.5	< 5.1	5.1	< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
4-Nitroaniline	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Nitrophenol		< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 1.0	1	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetophenone		< 2.5	2.5	< 5.1	5.1	< 2.5	2.5	< 5.0	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Aniline	5	< 1.0	1	< 3.6	3.6	< 1.0	1	< 3.5	3.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Anthracene	50	< 1.0	1	< 5.1	5.1	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Benzidine	5	< 1.0	1	< 4.6	4.6	< 1.0	1	< 4.5	4.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Benzoic acid		< 1.0	1	< 26	26	< 1.0	1	< 25	25	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Benzyl butyl phthalate	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroethoxy)methane	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroethyl)ether	1	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroisopropyl)ether		< 1.0	1	< 5.1	5.1	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbazole		< 5.0	5	< 26	26	< 5.0	5	< 25	25	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Dibenzofuran		< 1.0	1	< 5	5	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Diethyl phthalate	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Dimethylphthalate	50	< 1.0	1	< 5.1	5.1	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Di-n-butylphthalate	50	< 10	10	< 5.1	5.1	< 10	10	< 5.0	5	< 10	10	< 10	10	< 10	10	< 10	10
Di-n-octylphthalate	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Fluoranthene	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Fluorene	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Hexachlorobutadiene	0.5	< 1.0	1	< 0.41	0.41	< 1.0	1	< 0.40	0.4	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Hexachlorocyclopentadiene	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Isophorone	50	< 1.0	1	< 5.1	5.1	< 1.0	1	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Naphthalene	10	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Nitrobenzene	0.4	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
N-Nitrosodimethylamine		< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
N-Nitrosodi-n-propylamine		< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
N-Nitrosodiphenylamine	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Phenol	50	< 50	50	< 1.0	1	< 50	50	< 1.0	1	< 50	50	< 50	50	< 50	50	< 50	50
Pyrene	50	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,2,4,5-Tetrachlorobenzene		< 1.0	1	< 0.51	0.51	< 1.0	1	< 0.50	0.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acenaphthene	20	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acenaphthylene		< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benz(a)anthracene	0.002	< 5.0	5	**0.06**	0.02	< 5.0	5	**0.04**	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzo(a)pyrene	ND	< 5.0	5	**0.05**	0.02	< 5.0	5	**0.02**	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzo(b)fluoranthene	0.002	< 5.0	5	**0.07**	0.02	< 5.0	5	**0.04**	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzo(ghi)perylene		< 5.0	5	**0.04**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzo(k)fluoranthene	0.002	< 5.0	5	**0.03**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-ethylhexyl)phthalate	5	< 5.0	5	< 1.0	1	< 5.0	5	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chrysene	0.002	< 5.0	5	**0.05**	0.02	< 5.0	5	**0.02**	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Dibenz(a,h)anthracene		< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Hexachlorobenzene	0.04	< 5.0	5	< 0.02	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Hexachloroethane	5	< 5.0	5	< 0.51	0.51	< 5.0	5	< 0.50	0.5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Indeno(1,2,3-cd)pyrene	0.002	< 5.0	5	**0.03**	0.02	< 5.0	5	< 0.02	0.02	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Pentachloronitrobenzene		< 5.0	5	< 0.10	0.1	< 5.0	5	< 0.10	0.1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Pentachlorophenol	1	< 5.0	5	< 0.82	0.82	< 5.0	5	< 0.80	0.8	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Phenanthrene	50	< 1.0	1	< 0.10	0.1	< 1.0	1	< 0.10	0.1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Pyridine	50	< 5.0	5	< 10	10	< 5.0	5	< 10	10	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW10		MW11		MW12		MW13		MW14		MW15		MW16		MW17	
		12/5/2014		12/5/2014		12/5/2014		12/23/2014		12/23/2014		12/5/2014		12/5/2014		12/5/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
1,2-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
1,2-Diphenylhydrazine		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
1,3-Dichlorobenzene	3	< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
1,4-Dichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
2,4,5-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2,4,6-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2,4-Dichlorophenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2,4-Dimethylphenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2,4-Dinitrophenol	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2,4-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
2,6-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
2-Chloronaphthalene	10	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
2-Chlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2-Methylnaphthalene		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
2-Methylphenol (o-cresol)	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
2-Nitroaniline	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
2-Nitrophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
3&4-Methylphenol (m&p-cresol)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
3,3'-Dichlorobenzidine	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
3-Nitroaniline	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
4,6-Dinitro-2-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
4-Bromophenyl phenyl ether		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
4-Chloro-3-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
4-Chloroaniline	5	< 3.6	3.6	< 3.5	3.5	< 3.6	3.6	< 3.8	3.8	< 3.5	3.5	< 3.6	3.6	< 3.8	3.8	< 3.9	3.9
4-Chlorophenyl phenyl ether		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
4-Nitroaniline	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
4-Nitrophenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
Acetophenone		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Aniline	5	< 3.6	3.6	< 3.5	3.5	< 3.6	3.6	< 3.8	3.8	< 3.5	3.5	< 3.6	3.6	< 3.8	3.8	< 3.9	3.9
Anthracene	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Benzidine	5	< 4.6	4.6	< 4.5	4.5	< 4.6	4.6	< 4.9	4.9	< 4.5	4.5	< 4.6	4.6	< 4.9	4.9	< 5.0	5
Benzoic acid		< 26	26	< 25	25	< 26	26	< 27	27	< 25	25	< 26	26	< 27	27	< 28	28
Benzyl butyl phthalate	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Bis(2-chloroethoxy)methane	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
Bis(2-chloroethyl)ether	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
Bis(2-chloroisopropyl)ether		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Carbazole		< 26	26	< 25	25	< 26	26	< 27	27	< 25	25	< 26	26	< 27	27	< 28	28
Dibenzofuran		< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
Diethyl phthalate	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Dimethylphthalate	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Di-n-butylphthalate	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Di-n-octylphthalate	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Fluoranthene	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Fluorene	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Hexachlorobutadiene	0.5	< 0.41	0.41	< 0.40	0.4	< 0.41	0.41	< 0.44	0.44	< 0.40	0.4	< 0.41	0.41	< 0.43	0.43	< 0.44	0.44
Hexachlorocyclopentadiene	5	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
Isophorone	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Naphthalene	10	< 5	5	< 5.0	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5
Nitrobenzene	0.4	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.11	0.11	< 0.11	0.11
N-Nitrosodimethylamine		< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
N-Nitrosodi-n-propylamine		< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
N-Nitrosodiphenylamine	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Phenol	50	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1	1
Pyrene	50	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 5.5	5.5	< 5.0	5	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
1,2,4,5-Tetrachlorobenzene		< 0.51	0.51	< 0.50	0.5	< 0.51	0.51	< 0.55	0.55	< 0.50	0.5	< 0.51	0.51	< 0.54	0.54	< 0.56	0.56
Acenaphthene	20	< 5.1	5.1	< 5.0	5	< 5.1	5.1	< 0.11	0.11	< 0.10	0.1	< 5.1	5.1	< 5.4	5.4	< 5.6	5.6
Acenaphthylene		< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 5.5	5.5	< 5.0	5	< 0.10	0.1	< 0.11	0.11	< 0.11	0.11
Benz(a)anthracene	0.002	**0.02**	0.02	**0.09**	0.02	**0.03**	0.02	**0.32**	0.02	**0.08**	0.02	**0.02**	0.02	**0.02**	0.02	**0.04**	0.02
Benzo(a)pyrene	ND	< 0.02	0.02	**0.07**	0.02	< 0.02	0.02	**0.29**	0.02	**0.05**	0.02	< 0.02	0.02	< 0.02	0.02	**0.03**	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	**0.09**	0.02	< 0.02	0.02	**0.44**	0.02	**0.09**	0.02	< 0.02	0.02	< 0.02	0.02	**0.04**	0.02
Benzo(ghi)perylene		< 0.02	0.02	**0.04**	0.02	< 0.02	0.02	**0.2**	0.02	**0.04**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 0.02	0.02	**0.05**	0.02	< 0.02	0.02	**0.18**	0.02	**0.04**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Bis(2-ethylhexyl)phthalate	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.1	1.1	< 1.1	1.1
Chrysene	0.002	< 0.02	0.02	**0.08**	0.02	< 0.02	0.02	**0.29**	0.02	**0.06**	0.02	< 0.02	0.02	< 0.02	0.02	**0.02**	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	**0.06**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachloroethane	5	< 0.51	0.51	< 0.50	0.5	< 0.51	0.51	< 0.55	0.55	< 0.50	0.5	< 0.51	0.51	< 0.54	0.54	< 0.56	0.56
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	**0.03**	0.02	< 0.02	0.02	**0.18**	0.02	**0.03**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Pentachloronitrobenzene		< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.11	0.11	< 0.11	0.11
Pentachlorophenol	1	< 0.82	0.82	< 0.80	0.8	< 0.82	0.82	< 0.88	0.88	< 0.80	0.8	< 0.82	0.82	< 0.86	0.86	< 0.89	0.89
Phenanthrene	50	< 0.10	0.1	**0.21**	0.1	< 0.10	0.1	**0.92**	0.11	**0.12**	0.1	< 0.10	0.1	< 0.11	0.11	< 0.11	0.11
Pyridine	50	< 10	10	< 10	10	< 10	10	< 11	11	< 10	10	< 10	10	< 11	11	< 11	11

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW18		MW19		Duplicate 1		Duplicate 2		Duplicate 3	
		12/5/2014		12/5/2014		12/5/2014		12/5/2014		3/11/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.6	1.6
1,2-Dichlorobenzene		< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Diphenylhydrazine		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.0	1
1,3-Dichlorobenzene	3	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	< 0.05	0.05
1,4-Dichlorobenzene		< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	**0.07**	0.05
2,4,5-Trichlorophenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.14**	0.02
2,4,6-Trichlorophenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.17**	0.02
2,4-Dichlorophenol		< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.28**	0.02
2,4-Dimethylphenol		< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 3.0	3
2,4-Dinitrophenol	5	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 50	50
2,4-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	**0.11**	0.02
2,6-Dinitrotoluene	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 1.6	1.6
2-Chloronaphthalene	10	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	**0.15**	0.02
2-Chlorophenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 0.01	0.01
2-Methylnaphthalene		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 0.04	0.04
2-Methylphenol (o-cresol)	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 0.50	0.5
2-Nitroaniline	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 2.4	2.4
2-Nitrophenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	**0.14**	0.02
3&4-Methylphenol (m&p-cresol)		< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	< 0.40	0.4
3,3'-Dichlorobenzidine	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 0.10	0.1
3-Nitroaniline	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 0.80	0.8
4,6-Dinitro-2-methylphenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
4-Bromophenyl phenyl ether		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	**0.11**	0.05
4-Chloro-3-methylphenol	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 0.50	0.5
4-Chloroaniline	5	< 3.7	3.7	< 3.5	3.5	< 3.5	3.5	< 3.6	3.6	< 5.0	5
4-Chlorophenyl phenyl ether		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 2.5	2.5
4-Nitroaniline	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5
4-Nitrophenol		< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 2.5	2.5
Acetophenone		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 2.5	2.5
Aniline	5	< 3.7	3.7	< 3.5	3.5	< 3.5	3.5	< 3.6	3.6	< 1.0	1
Anthracene	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.0	1
Benzidine	5	< 4.7	4.7	< 4.5	4.5	< 4.5	4.5	< 4.6	4.6	< 1.0	1
Benzoic acid		< 26	26	< 25	25	< 25	25	< 26	26	< 1.0	1
Benzyl butyl phthalate	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Bis(2-chloroethoxy)methane	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5
Bis(2-chloroethyl)ether	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
Bis(2-chloroisopropyl)ether		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.0	1
Carbazole		< 26	26	< 25	25	< 25	25	< 26	26	< 5.0	5
Dibenzofuran		< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 1.0	1
Diethyl phthalate	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Dimethylphthalate	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.0	1
Di-n-butylphthalate	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 10	10
Di-n-octylphthalate	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Fluoranthene	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Fluorene	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Hexachlorobutadiene	0.5	< 0.42	0.42	< 0.40	0.4	< 0.40	0.4	< 0.41	0.41	< 1.0	1
Hexachlorocyclopentadiene	5	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5
Isophorone	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 1.0	1
Naphthalene	10	< 5	5	< 5.0	5	< 5.0	5	< 5	5	< 5.0	5
Nitrobenzene	0.4	< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 1.0	1
N-Nitrosodimethylamine		< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
N-Nitrosodi-n-propylamine		< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
N-Nitrosodiphenylamine	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Phenol	50	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 50	50
Pyrene	50	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
1,2,4,5-Tetrachlorobenzene		< 0.53	0.53	< 0.50	0.5	< 0.50	0.5	< 0.51	0.51	< 1.0	1
Acenaphthene	20	< 5.3	5.3	< 5.0	5	< 5.0	5	< 5.1	5.1	< 5.0	5
Acenaphthylene		< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 5.0	5
Benz(a)anthracene	0.002	**0.18**	0.02	**0.03**	0.02	< 0.02	0.02	**0.02**	0.02	< 5.0	5
Benzo(a)pyrene	ND	**0.16**	0.02	**0.02**	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Benzo(b)fluoranthene	0.002	**0.18**	0.02	**0.02**	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Benzo(ghi)perylene		**0.08**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Benzo(k)fluoranthene	0.002	**0.07**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Bis(2-ethylhexyl)phthalate	5	< 1.1	1.1	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5
Chrysene	0.002	**0.16**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Hexachloroethane	5	< 0.53	0.53	< 0.50	0.5	< 0.50	0.5	< 0.51	0.51	< 5.0	5
Indeno(1,2,3-cd)pyrene	0.002	**0.07**	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 5.0	5
Pentachloronitrobenzene		< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 5.0	5
Pentachlorophenol	1	< 0.84	0.84	< 0.80	0.8	< 0.80	0.8	< 0.82	0.82	< 5.0	5
Phenanthrene	50	**0.36**	0.11	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 1.0	1
Pyridine	50	< 11	11	< 10	10	< 10	10	< 10	10	< 5.0	5

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW10		MW11		MW12		MW13	
			12/23/2014		12/23/2014		12/23/2014		12/5/2014		12/5/2014		12/5/2014		12/23/2014	
			µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
PCBs	PCB-1016	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1221	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1232	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1242	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1248	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1254	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1260	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1262	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
	PCB-1268	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.053	0.053	< 0.050	0.05	< 0.053	0.053
Pesticides	4,4-DDD	0.3	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.026	0.026	< 0.010	0.01	< 0.005	0.005
	4,4-DDE	0.2	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.026	0.026	< 0.010	0.01	< 0.005	0.005
	4,4-DDT	0.11	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.026	0.026	< 0.010	0.01	< 0.011	0.011
	a-BHC	0.94	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.026	0.026	< 0.005	0.005	< 0.005	0.005
	a-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.39	0.39	< 0.075	0.075	< 0.079	0.079
	Aldrin		< 0.002	0.002	< 0.005	0.005	< 0.002	0.002	< 0.002	0.002	< 0.008	0.008	< 0.008	0.008	< 0.004	0.004
	b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.026	0.026	< 0.005	0.005	< 0.005	0.005
	Chlordane	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.26	0.26	< 0.050	0.05	< 0.050	0.05
	d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.026	0.026	< 0.005	0.005	< 0.005	0.005
	Dieldrin	0.004	< 0.003	0.003	< 0.006	0.006	< 0.002	0.002	< 0.004	0.004	< 0.008	0.008	< 0.010	0.01	< 0.005	0.005
	Endosulfan I		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Endosulfan II		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Endosulfan Sulfate		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Endrin		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.040	0.04	< 0.010	0.01	< 0.005	0.005
	Endrin aldehyde	5	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Endrin ketone		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.026	0.026	< 0.005	0.005	< 0.005	0.005
	g-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.053	0.053	< 0.010	0.01	< 0.011	0.011
	Heptachlor	0.04	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.026	0.026	< 0.010	0.01	< 0.005	0.005
	Heptachlor epoxide	0.03	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.026	0.026	< 0.010	0.01	< 0.005	0.005
	Methoxychlor	35	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.53	0.53	< 0.10	0.1	< 0.11	0.11
	Toxaphene		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	< 0.25	0.25	< 0.26	0.26

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards	MW14		MW15		MW16		MW17		MW19		Duplicate 1		Duplicate 2	
			12/23/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014	
			µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
PCBs	PCB-1016	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1221	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1232	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1242	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1248	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1254	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1260	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1262	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	PCB-1268	0.09	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.051	0.051	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
Pesticides	4,4-DDD	0.3	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.005	0.005	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	4,4-DDE	0.2	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.005	0.005	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	4,4-DDT	0.11	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.005	0.005	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	a-BHC	0.94	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
	a-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.077	0.077	< 0.075	0.075	< 0.075	0.075	< 0.38	0.38
	Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.003	0.003	< 0.008	0.008
	b-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025
	Chlordane	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05	< 0.050	0.05
	d-BHC	0.04	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025
	Dieldrin	0.004	< 0.010	0.01	< 0.010	0.01	< 0.002	0.002	< 0.002	0.002	< 0.003	0.003	< 0.003	0.003	< 0.006	0.006
	Endosulfan I		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Endosulfan II		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Endosulfan Sulfate		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Endrin		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.008	0.008	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	Endrin aldehyde	5	< 0.010	0.01	< 0.015	0.015	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Endrin ketone		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	gamma-BHC	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.025	0.025
	g-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.050	0.05
	Heptachlor	0.04	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.005	0.005	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	Heptachlor epoxide	0.03	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.005	0.005	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
	Methoxychlor	35	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.50	0.5
	Toxaphene		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.26	0.26	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW10		MW11		MW12		MW13	
		12/23/2014		12/23/2014		12/23/2014		12/5/2014		12/5/2014		12/5/2014		12/23/2014	
		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
	mg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Aluminum		**0.21**	0.01	**0.04**	0.01	**0.26**	0.01	**0.08**	0.01	**0.15**	0.01	**0.82**	0.01	**0.04**	0.01
Antimony	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	0.025	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	**0.002**	0.003	< 0.003	0.003
Barium	1	**0.06**	0.011	**0.058**	0.011	**0.072**	0.011	**0.093**	0.011	**0.104**	0.011	**0.129**	0.011	**0.101**	0.011
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	**0.001**	0.004	**0.001**	0.004	< 0.004	0.004	**0.001**	0.004	< 0.004	0.004
Calcium		**141**	0.11	**138**	0.11	**192**	0.11	**86.4**	0.01	**115**	0.01	**93.3**	0.01	**180**	0.11
Chromium	0.05	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	**0.001**	0.001	< 0.001	0.001
Cobalt		**0.002**	0.005	**0.002**	0.005	**0.005**	0.005	**0.006**	0.005	**0.003**	0.005	**0.011**	0.005	**0.006**	0.005
Copper	0.2	**0.001**	0.005	**0.001**	0.005	**0.001**	0.005	**0.003**	0.005	**0.003**	0.005	**0.003**	0.005	< 0.005	0.005
Iron	0.5	**0.19**	0.01	**0.04**	0.01	**0.4**	0.01	**0.09**	0.01	**0.31**	0.01	**1.08**	0.01	**3.45**	0.11
Lead	0.025	**0.003**	0.002	< 0.002	0.002	**0.003**	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	**0.002**	0.002
Magnesium	35	**20.4**	0.11	**20.2**	0.11	**313**	0.11	**17.1**	0.01	**26.2**	0.01	**15**	0.01	**32.3**	0.11
Manganese	0.3	**3.62**	0.053	**3.57**	0.053	**0.3**	0.005	**3.8**	0.053	**1.5**	0.005	**2.64**	0.053	**7.84**	0.053
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**0.007**	0.004	**0.007**	0.004	**0.006**	0.004	**0.004**	0.004	**0.002**	0.004	**0.024**	0.004	**0.004**	0.004
Potassium		**16.3**	1.1	**16**	1.1	**130**	1.1	**13.5**	0.1	**13.1**	0.1	**7.9**	0.1	**19.3**	1.1
Selenium	0.01	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	**317**	1.1	**315**	1.1	**2,590**	11	**78.7**	1.1	**68.7**	1.1	**71.3**	1.1	**115**	1.1
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		< 0.011	0.011	< 0.011	0.011	**0.001**	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011	< 0.011	0.011
Zinc	2	**0.016**	0.011	**0.014**	0.011	**0.01**	0.011	**0.012**	0.011	**0.004**	0.011	**0.02**	0.011	**0.009**	0.011

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW14		MW15		MW16		MW17		MW19		Duplicate 1		Duplicate 2	
		12/23/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014		12/5/2014	
		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
	mg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Aluminum		**0.03**	0.01	**0.34**	0.01	**0.52**	0.01	**0.78**	0.11	**0.21**	0.01	**0.23**	0.01	< 0.01	0.01
Antimony	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	0.025	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Barium	1	**0.381**	0.011	**0.036**	0.011	**0.045**	0.011	**0.047**	0.011	**0.062**	0.011	**0.035**	0.011	**0.061**	0.011
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium		**391**	0.11	**30.9**	0.01	**79.2**	0.01	**298**	0.11	**127**	0.01	**30.9**	0.01	**128**	0.01
Chromium	0.05	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	**0.002**	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt		< 0.005	0.005	< 0.005	0.005	**0.004**	0.005	**0.002**	0.005	**0.002**	0.005	< 0.005	0.005	**0.002**	0.005
Copper	0.2	< 0.005	0.005	**0.004**	0.005	**0.004**	0.005	**0.005**	0.005	**0.005**	0.005	**0.001**	0.005	**0.004**	0.005
Iron	0.5	**6.87**	0.11	**0.32**	0.01	**0.51**	0.01	**0.01**	0.01	**0.34**	0.01	**0.14**	0.01	**0.03**	0.01
Lead	0.025	< 0.002	0.002	**0.002**	0.002	**0.003**	0.002	**0.002**	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Magnesium	35	**70.3**	0.11	**10.6**	0.01	**64.4**	0.01	**694**	0.11	**22.7**	0.01	**10.6**	0.01	**22.8**	0.01
Manganese	0.3	**11.2**	0.053	**0.074**	0.005	**0.402**	0.005	**1.05**	0.005	**4.17**	0.053	**0.062**	0.005	**4.11**	0.053
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	< 0.004	0.004	**0.002**	0.004	**0.003**	0.004	**0.007**	0.004	**0.014**	0.004	**0.001**	0.004	**0.014**	0.004
Potassium		**36.6**	1.1	**5.8**	0.1	**36.7**	0.1	**252**	1.1	**32.5**	0.1	**5.7**	0.1	**31.6**	0.1
Selenium	0.01	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	**218**	1.1	**57.6**	0.11	**672**	11	**5,430**	110	**259**	1.1	**57.1**	1.1	**261**	1.1
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		< 0.011	0.011	< 0.011	0.011	**0.002**	0.011	< 0.011	0.011	< 0.011	0.011	**0.001**	0.011	< 0.011	0.011
Zinc	2	**0.003**	0.011	**0.018**	0.011	**0.008**	0.011	**0.057**	0.011	**0.034**	0.011	**0.016**	0.011	**0.031**	0.011

Notes:
RL- Reporting limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 12
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Gas Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SG-1		SG-2		SG-3		SG-5		SG-7		SG-1		SG-2	
			3/11/2014		3/11/2014		3/11/2014		3/11/2014		3/11/2014		12/23/2014		12/23/2014	
			(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	**7.31**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.62**	1	**1.52**	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	**4.57**	1	**5.05**	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Acetone		NA	**68.8**	1	**21**	1	**430**	8	**166**	4	**85.2**	1	**24**	1	**16.9**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	**1.85**	1	**1.31**	1	**17.8**	1	**1.79**	1	**1.79**	1	< 1.00	1	< 1.00	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	**6.32**	1	**2.99**	1	**6.41**	1	< 1.00	1	< 1.00	1	**14.1**	1	**1.03**	1
Carbon Tetrachloride	5	<3.1	**0.44**	0.25	**0.377**	0.25	**0.503**	0.25	**0.566**	0.25	**0.566**	0.25	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	**1.51**	1	**52.7**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloromethane		<1.0 - 1.4	**1.4**	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.53**	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	**2.41**	1	< 1.00	1	**16.5**	1	< 1.00	1	**1.58**	1	< 1.00	1	< 1.00	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**2.27**	1	**2.57**	1	**2.82**	1	**2.22**	1	**2.27**	1	**1.14**	1	**1.28**	1
Ethanol			**102**	1	**102**	1	**148**	8	**192**	4	**180**	1	**24.1**	1	**25.4**	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**4.14**	1	**3.89**	1
Ethylbenzene		<4.3	< 1.00	1	< 1.00	1	< 1.00	1	**1.17**	1	< 1.00	1	**10.6**	1	**12.7**	1
Heptane		NA	< 1.00	1	< 1.00	1	**3.81**	1	**1.02**	1	**1.06**	1	**1.52**	1	< 1.00	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	**8**	1	**2.22**	1	**8.31**	1	**1.44**	1	**2.99**	1	**2.82**	1	**1.34**	1
Isopropylalcohol		NA	**4.84**	1	**2.85**	1	**10.6**	1	**6.12**	1	**5.72**	1	**2.97**	1	**2.8**	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	**1.6**	1	**1.3**	1	**2.17**	1	**3.34**	1	**2.91**	1	**38.6**	1	**47.3**	1
Methyl Ethyl Ketone			**4.42**	1	**3.62**	1	**13.8**	1	**12.6**	1	**14.1**	1	**1.86**	1	**2.06**	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	**3.12**	1	**1.87**	1	**1.32**	1	**1.46**	1	< 1.00	1	**1.32**	1	**1.63**	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	< 1.00	1	< 1.00	1	< 1.00	1	**1.17**	1	**1.04**	1	**14.6**	1	**17.4**	1
Propylene		NA	**69.8**	1	**6.96**	1	**31.3**	1	**11**	1	**7.88**	1	< 1.00	1	< 1.00	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	100		**0.542**	0.25	**0.339**	0.25	**0.678**	0.25	**0.881**	0.25	**0.746**	0.25	**0.949**	0.25	**3.86**	0.25
Tetrahydrofuran		NA	**20.3**	1	**16.9**	1	**34.5**	1	**33.3**	1	**37.7**	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**2.71**	1	**2.45**	1	**4.74**	1	**5.35**	1	**4.59**	1	**4.97**	1	**5.2**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	**1.24**	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	**1.29**	1	**1.24**	1	**1.52**	1	**1.57**	1	**2.47**	1	< 1.00	1	< 1.00	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**6.16**		**5.06**		**24.71**		**12.82**		**10.33**		**68.77**		**82.6**	
Total VOCs			**281.90**		**202.81**		**683.278**		**413.701**		**317.816**		**143.65**		**139.39**	

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

Table 12
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Gas Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SG-3		SG-4		SG-5		SG-6		SG-7		SG-8		SG-9	
			12/23/2014		12/23/2014		12/23/2014		12/23/2014		12/23/2014		12/23/2014		12/23/2014	
			(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)		(µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1	< 1.00	1	**15.3**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**2.01**	1	**1.96**	1	**1.47**	1	**1.82**	1	**1.96**	1	**2.31**	1	**50.1**	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**14.5**	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**2.86**	1
4-Ethyltoluene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**6.63**	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.86**	1
4-Methyl-2-pentanone			**1.02**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Acetone		NA	**22**	1	< 1.00	1	**11.3**	1	**14.2**	1	**70**	1	**13.1**	1	**16.7**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	< 1.00	1	**3.48**	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.05**	1	**4.63**	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	**1.34**	1	**20.1**	1	**1.49**	1	**2.86**	1	**3.64**	1	**3.36**	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	**0.377**	0.25	**0.566**	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	< 1.00	1	**33.9**	1	**1.1**	1	< 1.00	1	**1.1**	1	< 1.00	1	**2.03**	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**3.8**	1	< 1.00	1	**1.63**	1	< 1.00	1	**1.09**	1	**1.98**	1	**1.93**	1
Ethanol			**26**	1	**14.1**	1	**16**	1	**13.8**	1	**15.8**	1	**28**	1	**81**	1
Ethyl Acetate		NA	**4.68**	1	**2.95**	1	**3.53**	1	**3.78**	1	**5.47**	1	**4.82**	1	< 1.00	1
Ethylbenzene		<4.3	**13.4**	1	**15.9**	1	**11.4**	1	**7.98**	1	**21.2**	1	**20.7**	1	**6.51**	1
Heptane		NA	**1.1**	1	**5.41**	1	**2.38**	1	**1.06**	1	**1.56**	1	< 1.00	1	**4.3**	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	**1.66**	1	**16.7**	1	**3.63**	1	< 1.00	1	< 1.00	1	< 1.00	1	**5.04**	1
Isopropylalcohol		NA	**3.59**	1	< 1.00	1	**17.9**	1	**14**	1	**18.8**	1	**2.53**	1	**7.22**	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.72**	1
Xylene (m&p)		<4.3	**50.3**	1	**61.6**	1	**42.7**	1	**29.9**	1	**74.6**	1	**74.2**	1	**41.1**	1
Methyl Ethyl Ketone			**2.65**	1	**2.36**	1	**1.09**	1	**1.27**	1	**2**	1	**1.65**	1	**1.18**	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.51**	1
Methylene Chloride		<3.4	**1.98**	1	**2.22**	1	**1.32**	1	< 1.00	1	**1.28**	1	**5.69**	1	< 1.00	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**5.16**	1
Xylene (o)		<4.3	**18.3**	1	**21.8**	1	**14.7**	1	**9.94**	1	**24.9**	1	**26.2**	1	**21.2**	1
Propylene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**1.04**	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	100		**0.881**	0.25	**0.813**	0.25	**0.881**	0.25	**1.02**	0.25	**0.949**	0.25	**1.15**	0.25	**1.76**	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**7.68**	1	**3.95**	1	**4.14**	1	**5.16**	1	**6.93**	1	**5.42**	1	**16.6**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	< 1.00	1	< 1.00	1	**1.01**	1	< 1.00	1	< 1.00	1	**1.24**	1	**1.29**	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**89.68**		**106.73**		**72.94**		**52.98**		**127.63**		**127.57**		**90.04**	
Total VOCs			**157.711**		**170.393**		**133.041**		**103.01**		**244.709**		**188.58**		**261.13**	

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

Table 12
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remedial Investigation Soil Gas Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SG-10 12/23/2014 ($\mu g/m3$)		SS-1 12/31/2014 ($\mu g/m3$)		SS-2 12/31/2014 ($\mu g/m3$)		SS-3 12/31/2014 ($\mu g/m3$)		SS-4 12/31/2014 ($\mu g/m3$)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1	**187**	1	**3.05**	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**37.2**	1	**133**	1	**112**	1	**99.7**	1	**49.1**	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	**10.6**	1	**42**	1	**35.4**	1	**30.6**	1	**14.8**	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	**6.93**	1	**17.9**	1	**17.5**	1	**14.1**	1	**9.28**	1
4-Isopropyltoluene			**1.54**	1	**5.6**	1	**4.94**	1	**4.06**	1	**1.81**	1
4-Methyl-2-pentanone			< 1.00	1	**2.58**	1	**2.78**	1	**4.05**	1	< 1.00	1
Acetone		NA	**36.3**	1	**394**	1	**418**	1	**795**	1	**198**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	**1.12**	1	**6.35**	1	**7.5**	1	**3.74**	1	**3.16**	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	**7.37**	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	**2.46**	1	**4.29**	1	**3.11**	1	**11.2**	1	**2.77**	1
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	**0.817**	0.25	**1.19**	0.25	**0.754**	0.25	**0.377**	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	**1.1**	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	< 1.00	1	< 1.00	1	< 1.00	1	**104**	1	**1.37**	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 1.00	1	**1.03**	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	**2.34**	1	**3.3**	1	**3.82**	1	**1.62**	1	**1.58**	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**1.53**	1	**1.98**	1	**2.37**	1	**1.98**	1	**3.06**	1
Ethanol			**22**	1	**113**	1	**220**	1	**57.8**	1	**43.9**	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	**4.9**	1	**12.9**	1	**14.1**	1	**9.37**	1	**6.47**	1
Heptane		NA	**1.68**	1	**6.64**	1	**7.33**	1	**5.04**	1	**2.95**	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	< 1.00	1	**6.16**	1	**6.52**	1	**3.38**	1	**2.43**	1
Isopropylalcohol		NA	**2.53**	1	**13**	1	**22**	1	**12.5**	1	**4.96**	1
Isopropylbenzene			**1.18**	1	**4.27**	1	**4.08**	1	**3.24**	1	**1.72**	1
Xylene (m&p)		<4.3	**30**	1	**80.3**	1	**84.2**	1	**59.9**	1	**43.4**	1
Methyl Ethyl Ketone			**2.21**	1	**13.7**	1	**8.81**	1	**34.5**	1	**4.6**	1
MTBE		NA	< 1.00	1	**2.12**	1	**3.71**	1	< 1.00	1	**1.04**	1
Methylene Chloride		<3.4	< 1.00	1	**1.18**	1	**1.32**	1	**1.18**	1	< 1.00	1
n-Butylbenzene			**4.66**	1	**17.4**	1	**14.2**	1	**12**	1	**5.27**	1
Xylene (o)		<4.3	**15.8**	1	**45.1**	1	**46**	1	**34.4**	1	**22.7**	1
Propylene		NA	< 1.00	1	**17.5**	1	**8.86**	1	**16.4**	1	**8.12**	1
sec-Butylbenzene			< 1.00	1	**3.29**	1	**2.96**	1	**2.47**	1	**1.04**	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	100		**1.36**	0.25	**3.32**	0.25	**4**	0.25	**2.64**	0.25	**1.69**	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**7.91**	1	**27.5**	1	**31.2**	1	**20.2**	1	**13.1**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	**2.2**	0.25	< 0.25	0.25	**0.268**	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	**5.5**	1	**1.29**	1	**1.35**	1	< 1.00	1	**1.35**	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	**1.22**	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**59.73**		**172.15**		**183**		**127.61**		**88.83**	
Total VOCs			**177.16**		**883.79**		**1002.58**		**1288.98**		**411.76**	

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock											
					GRAB A1		GRAB A2		GRAB B2		GRAB B1		GRAB C1		GRAB C2	
					12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 22	22	< 14	14	< 15	15	< 16	16	< 12	12	< 15	15
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.5	5.5	< 3.6	3.6	**1.2**	3.9	**140**	180	< 2.9	2.9	**1**	3.7
1,1,2,2-Tetrachloroethane					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,1,2-Trichloroethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,1-Dichloroethane	270	270	19,000	26,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,1-Dichloroethene	330	330	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,1-Dichloropropene					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,2,3-Trichlorobenzene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,2,3-Trichloropropane					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,2,4-Trichlorobenzene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.5	5.5	**19**	3.6	< 270	270	< 180	180	< 2.9	2.9	**0.8**	3.7
1,2-Dibromo-3-chloropropane					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,2-Dibromoethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,2-Dichloroethane	20	20	2,300	3,100	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,2-Dichloropropane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.5	5.5	**10**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,3-Dichloropropane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
1,4-Dioxane	100	100	9,800	13,000	< 100	100	< 72	72	< 77	77	< 78	78	< 58	58	< 74	74
2,2,-Dichloropropane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
2-Chlorotoluene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
2-Hexanone					< 27	27	< 18	18	< 19	19	< 20	20	< 15	15	< 19	19
2-Isopropyltoluene					< 5.5	5.5	**0.42**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
4-Chlorotoluene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
4-Methyl-2-Pentanone					< 27	27	< 18	18	< 19	19	< 20	20	< 15	15	< 19	19
Acetone	50	50	100,000	100,000	**12**	50	**22**	36	**5.9**	39	**9.2**	39	**7.8**	29	**9.2**	37
Acrolein					< 22	22	< 14	14	< 15	15	< 16	16	< 12	12	< 15	15
Acrylonitrile					< 22	22	< 14	14	< 15	15	< 16	16	< 12	12	< 15	15
Benzene	60	60	2,900	4,800	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Bromobenzene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
Bromochloromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Bromodichloromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Bromoform					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Bromomethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Carbon Disulfide					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Carbon tetrachloride	760	760	1,400	2,400	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Chloroethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Chloroform	370	370	10,000	49,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Chloromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
cis-1,3-Dichloropropene					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Dibromomethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Dichlorodifluoromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Hexachlorobutadiene					< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
Isopropylbenzene					< 5.5	5.5	**0.52**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
m&p-Xylenes	160	260	100,000	100,000	< 5.5	5.5	**1.4**	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 33	33	< 22	22	< 23	23	< 23	23	< 17	17	< 22	22
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 7.2	7.2	< 7.7	7.7	< 7.8	7.8	< 5.8	5.8	< 7.4	7.4
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Naphthalene	12,000	12,000	100,000	100,000	< 5.5	5.5	**1,700**	230	**270**	270	**170**	180	**380**	230	**250**	190
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.5	5.5	**0.56**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
o-Xylene	160	260	100,000	100,000	< 5.5	5.5	**1.5**	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
p-Isopropyltoluene					< 5.5	5.5	**1.2**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.5	5.5	**0.65**	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
Styrene					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Tert-butyl alcohol					< 110	110	< 72	72	< 77	77	< 78	78	< 58	58	< 74	74
tert-butylbenzene	5,900	5,900	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 270	270	< 180	180	< 2.9	2.9	< 3.7	3.7
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Tetrahydrofuran (THF)					< 11	11	< 7.2	7.2	< 7.7	7.7	< 7.8	7.8	< 5.8	5.8	< 7.4	7.4
Toluene	700	700	100,000	100,000	< 5.5	5.5	< 3.6	3.6	**0.5**	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
trans-1,3-Dichloropropene					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
trans-1,4-dichloro-2-butene					< 11	11	< 7.2	7.2	< 540	540	< 370	370	< 5.8	5.8	< 7.4	7.4
Trichloroethene	470	470	10,000	21,000	< 5.5	5.5	**580**	230	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Trichlorofluoromethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Trichlorotrifluoroethane					< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7
Vinyl Chloride	20	20	210	900	< 5.5	5.5	< 3.6	3.6	< 3.9	3.9	< 3.9	3.9	< 2.9	2.9	< 3.7	3.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock											
					GRAB D1		GRAB D2		GRAB E1		GRAB E2		GRAB F1		GRAB F2	
					12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 10	10	< 790	790	< 3.0	3.0	< 18	18	< 13	13	< 210	210
1,1,1-Trichloroethane	680	680	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	**0.54**	3.2	**82**	210
1,1,2,2-Tetrachloroethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,1,2-Trichloroethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,1-Dichloroethane	270	270	19,000	26,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,1-Dichloroethene	330	330	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,1-Dichloropropene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,2,3-Trichlorobenzene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,2,3-Trichloropropane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,2,4-Trichlorobenzene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 2.6	2.6	< 3.0	3.0	**12**	3.0	< 4.6	4.6	**59**	260	**110**	210
1,2-Dibromo-3-chloropropane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,2-Dibromoethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,2-Dichloroethane	20	20	2,300	3,100	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 20	20
1,2-Dichloropropane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 2.6	2.6	< 3.0	3.0	**4.4**	3.0	< 4.6	4.6	**36**	260	**48**	210
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,3-Dichloropropane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
1,4-Dioxane	100	100	9,800	13,000	< 52	52	< 60	60	< 60	60	< 92	92	< 63	63	< 4300	4300
2,2,-Dichloropropane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
2-Chlorotoluene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
2-Hexanone					< 13	13	< 15	15	< 15	15	< 23	23	< 16	16	< 1100	1,100
2-Isopropyltoluene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
4-Chlorotoluene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
4-Methyl-2-Pentanone					< 13	13	< 15	15	< 15	15	< 23	23	< 16	16	< 1100	1100
Acetone	50	50	100,000	100,000	**3.4**	26	**5.2**	30	**6.8**	30	**9.5**	46	**4.3**	32	< 85	85
Acrolein					< 10	10	< 790	790	< 12	12	< 18	18	< 13	13	< 850	850
Acrylonitrile					< 10	10	< 790	790	< 12	12	< 18	18	< 13	13	< 430	430
Benzene	60	60	2,900	4,800	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	**1.3**	4.6	**0.32**	3.2	**24**	210
Bromobenzene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
Bromochloromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Bromodichloromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Bromoform					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Bromomethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Carbon Disulfide					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Carbon tetrachloride	760	760	1,400	2,400	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Chlorobenzene	1,100	1,100	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Chloroethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Chloroform	370	370	10,000	49,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Chloromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
cis-1,3-Dichloropropene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Dibromomethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Dichlorodifluoromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Ethylbenzene	1,000	1,000	30,000	41,000	< 2.6	2.6	< 3.0	3.0	**1.8**	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Hexachlorobutadiene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
Isopropylbenzene					< 2.6	2.6	< 3.0	3.0	**1.1**	3.0	< 4.6	4.6	< 260	260	< 210	210
m&p-Xylenes	160	260	100,000	100,000	< 2.6	2.6	< 3.0	3.0	**8.1**	3.0	**2.2**	4.6	< 3.2	3.2	**70**	210
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 16	16	< 18	18	< 18	18	< 28	28	< 19	19	< 110	110
Methyl t-butyl ether (MTBE)		930		100,000	< 5.2	5.2	< 6.0	6.0	< 6.0	6.0	< 9.2	9.2	< 6.3	6.3	< 430	430
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 85	85
Naphthalene	12,000	12,000	100,000	100,000	**0.72**	2.6	**200**	200	**310**	190	**550**	260	**380**	260	**21,000**	1100
n-Butylbenzene	12,000	12,000	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
n-Propylbenzene	3,900	3,900	100,000	100,000	< 2.6	2.6	< 3.0	3.0	**0.92**	3.0	< 4.6	4.6	< 260	260	< 210	210
o-Xylene	160	260	100,000	100,000	< 2.6	2.6	< 3.0	3.0	**6.9**	3.0	**0.96**	4.6	< 3.2	3.2	< 210	210
p-Isopropyltoluene					< 2.6	2.6	< 3.0	3.0	**0.75**	3.0	< 4.6	4.6	< 260	260	< 210	210
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 2.6	2.6	< 3.0	3.0	**0.31**	3.0	< 4.6	4.6	< 260	260	< 210	210
Styrene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Tert-butyl alcohol					< 52	52	< 3900	3,900	< 60	60	< 92	92	< 63	63	< 4300	4,300
tert-butylbenzene	5,900	5,900	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 260	260	< 210	210
Tetrachloroethene	1,300	1,300	5,000	19,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Tetrahydrofuran (THF)					< 5.2	5.2	< 6.0	6.0	< 6.0	6.0	< 9.2	9.2	< 6.3	6.3	< 430	430
Toluene	700	700	100,000	100,000	< 2.6	2.6	< 3.0	3.0	**1.1**	3.0	**0.49**	4.6	< 3.2	3.2	**45**	210
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 130	130
trans-1,3-Dichloropropene					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
trans-1,4-dichloro-2-butene					< 5.2	5.2	< 6.0	6.0	< 6.0	6.0	< 9.2	9.2	< 530	530	< 430	430
Trichloroethene	470	470	10,000	21,000	< 2.6	2.6	**510**	200	< 3.0	3.0	**0.95**	4.6	< 3.2	3.2	< 210	210
Trichlorofluoromethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Trichlorotrifluoroethane					< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 210	210
Vinyl Chloride	20	20	210	900	< 2.6	2.6	< 3.0	3.0	< 3.0	3.0	< 4.6	4.6	< 3.2	3.2	< 20	20

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock											
					GRAB G2		GRAB H1		GRABH2		WC A1 Grab		WC A2 Grab		WC B1 Grab	
					12/11/2015		12/11/2015		12/11/2015		3/28/2017		3/28/2017		3/28/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 14	14	< 12	12	< 11	11	< 22	22	< 5.6	5.6	< 23	23
1,1,1-Trichloroethane	680	680	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,1,2,2-Tetrachloroethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,1,2-Trichloroethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethane	270	270	19,000	26,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethene	330	330	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,1-Dichloropropene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichlorobenzene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichloropropane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2,4-Trichlorobenzene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2-Dibromo-3-chloropropane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2-Dibromoethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2-Dichloroethane	20	20	2,300	3,100	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,2-Dichloropropane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,3-Dichloropropane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
1,4-Dioxane	100	100	9,800	13,000	< 70	70	< 60	60	< 54	54	< 84	84	< 83	83	< 87	87
2,2,-Dichloropropane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
2-Chlorotoluene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
2-Hexanone					< 18	18	< 15	15	< 14	14	< 28	28	< 28	28	< 29	29
2-Isopropyltoluene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
4-Chlorotoluene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
4-Methyl-2-Pentanone					< 18	18	< 15	15	< 14	14	< 28	28	< 28	28	< 29	29
Acetone	50	50	100,000	100,000	**4.3**	35	**8.7**	30	**4.6**	27	**7.9**	50	**9.7**	50	**18**	50
Acrolein					< 14	14	< 12	12	< 11	11	< 22	22	< 22	22	< 23	23
Acrylonitrile					< 14	14	< 12	12	< 11	11	< 22	22	< 11	11	< 23	23
Benzene	60	60	2,900	4,800	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Bromobenzene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Bromochloromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Bromodichloromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Bromoform					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Bromomethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Carbon Disulfide					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Carbon tetrachloride	760	760	1,400	2,400	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Chlorobenzene	1,100	1,100	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Chloroethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Chloroform	370	370	10,000	49,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Chloromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
cis-1,3-Dichloropropene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Dibromomethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Dichlorodifluoromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Ethylbenzene	1,000	1,000	30,000	41,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Hexachlorobutadiene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Isopropylbenzene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
m&p-Xylenes	160	260	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 21	21	< 18	18	< 16	16	< 34	34	< 33	33	< 35	35
Methyl t-butyl ether (MTBE)		930		100,000	< 7.0	7.0	< 6.0	6.0	< 5.4	5.4	< 11	11	< 11	11	< 12	12
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Naphthalene	12,000	12,000	100,000	100,000	**2.8**	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
n-Butylbenzene	12,000	12,000	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
n-Propylbenzene	3,900	3,900	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
o-Xylene	160	260	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
p-Isopropyltoluene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Styrene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Tert-butyl alcohol					< 70	70	< 60	60	< 54	54	< 110	110	< 110	110	< 120	120
tert-butylbenzene	5,900	5,900	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Tetrachloroethene	1,300	1,300	5,000	19,000	**1,600**	250	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Tetrahydrofuran (THF)					< 7.0	7.0	< 6.0	6.0	< 5.4	5.4	< 11	11	< 11	11	< 12	12
Toluene	700	700	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
trans-1,3-Dichloropropene					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
trans-1,4-dichloro-2-butene					< 7.0	7.0	< 6.0	6.0	< 5.4	5.4	< 11	11	< 11	11	< 12	12
Trichloroethene	470	470	10,000	21,000	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Trichlorofluoromethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Trichlorotrifluoroethane					< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8
Vinyl Chloride	20	20	210	900	< 3.5	3.5	< 3.0	3.0	< 2.7	2.7	< 5.6	5.6	< 5.6	5.6	< 5.8	5.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					Grab				FA Grab 1				FA Grab 2			
					(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
					1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 20	20	< 1200	1,200	<26	26	<22	22	<17	17	<21	21
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.1	5.1	< 680	680	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,1,2,2-Tetrachloroethane					< 5.1	5.1	< 1000	1,000	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,1,2-Trichloroethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,1-Dichloroethane	270	270	19,000	26,000	< 5.1	5.1	< 270	270	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,1-Dichloroethene	330	330	100,000	100,000	< 5.1	5.1	< 330	330	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,1-Dichloropropene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2,3-Trichlorobenzene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2,3-Trichloropropane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2,4-Trichlorobenzene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	**120**	330	< 4.1	4.1	47	310
1,2-Dibromo-3-chloropropane					< 5.1	5.1	< 250	250	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2-Dibromoethane					< 5.1	5.1	< 120	120	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.1	5.1	< 1100	1,100	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2-Dichloroethane	20	20	2,300	3,100	< 5.1	5.1	< 120	120	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,2-Dichloropropane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	**82**	330	< 4.1	4.1	< 5.2	5.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,3-Dichloropropane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.1	5.1	< 1200	1,200	<6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
1,4-Dioxane	100	100	9,800	13,000	< 76	76	< 9900	9,900	<97	97	<83	83	<62	62	<78	78
2,2,-Dichloropropane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
2-Chlorotoluene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
2-Hexanone					< 25	25	< 6200	6,200	< 32	32	< 28	28	< 21	21	< 26	26
2-Isopropyltoluene					< 5.1	5.1	**490**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
4-Chlorotoluene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
4-Methyl-2-Pentanone					< 25	25	< 6200	6,200	< 32	32	< 28	28	< 21	21	< 26	26
Acetone	50	50	100,000	100,000	**29**	50	< 1200	1,200	**8.2**	32	**89**	28	**14**	21	**30**	26
Acrolein					< 20	20	< 620	620	<26	26	<22	22	<17	17	<21	21
Acrylonitrile					< 20	20	< 900	900	<26	26	<22	22	<17	17	<21	21
Benzene	60	60	2,900	4,800	< 5.1	5.1	< 120	120	< 6.5	6.5	**99**	60	< 4.1	4.1	< 5.2	5.2
Bromobenzene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Bromochloromethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Bromodichloromethane					< 5.1	5.1	< 1000	1,000	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Bromoform					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Bromomethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Carbon Disulfide					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	**4.6**	5.5	< 4.1	4.1	< 5.2	5.2
Carbon tetrachloride	760	760	1,400	2,400	< 5.1	5.1	< 600	600	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.1	5.1	< 1100	1,100	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Chloroethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Chloroform	370	370	10,000	49,000	< 5.1	5.1	< 370	370	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Chloromethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.1	5.1	< 250	250	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
cis-1,3-Dichloropropene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Dibromomethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Dichlorodifluoromethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.1	5.1	< 1000	1,000	< 6.5	6.5	**87**	330	< 4.1	4.1	< 5.2	5.2
Hexachlorobutadiene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Isopropylbenzene					< 5.1	5.1	**180**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
m&p-Xylenes	160	260	100,000	100,000	< 5.1	5.1	**330**	1,200	< 6.5	6.5	**430**	330	< 4.1	4.1	**87**	310
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	**5.8**	30	< 1200	1,200	< 39	39	**22**	33	< 25	25	< 31	31
Methyl t-butyl ether (MTBE)		930		100,000	< 10	10	< 930	930	< 13	13	< 11	11	< 8.3	8.3	< 10	10
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Naphthalene	12,000	12,000	100,000	100,000	< 5.1	5.1	**340**	1,200	< 6.5	6.5	**69**	330	< 4.1	4.1	< 5.2	5.2
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.1	5.1	**810**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.1	5.1	**360**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
o-Xylene	160	260	100,000	100,000	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	**92**	330	< 4.1	4.1	< 5.2	5.2
p-Isopropyltoluene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.1	5.1	**970**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Styrene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Tert-butyl alcohol					< 100	100	< 25000	25,000	<130	130	<110	110	<83	83	<100	100
tert-butylbenzene	5,900	5,900	100,000	100,000	< 5.1	5.1	**170**	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Tetrahydrofuran (THF)					< 10	10	< 2500	2,500	**7.8**	13	**6.2**	11	**5**	8.3	< 10	10
Toluene	700	700	100,000	100,000	< 5.1	5.1	< 700	700	< 6.5	6.5	**140**	330	< 4.1	4.1	**48**	310
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.1	5.1	< 190	190	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
trans-1,3-Dichloropropene					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
trans-1,4-dichloro-2-butene					< 10	10	< 2500	2,500	< 13	13	< 11	11	< 8.3	8.3	< 10	10
Trichloroethene	470	470	10,000	21,000	< 5.1	5.1	< 470	470	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Trichlorofluoromethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Trichlorotrifluoroethane					< 5.1	5.1	< 1200	1,200	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2
Vinyl Chloride	20	20	210	900	< 5.1	5.1	< 120	120	< 6.5	6.5	< 5.5	5.5	< 4.1	4.1	< 5.2	5.2

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA Grab 3				FA Grab 4				FA Grab 5			
					(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
					5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					<1500	1500	<1400	1400	<24	24	<1600	1600	<20	20	<19	19
1,1,1-Trichloroethane	680	680	100,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,1,2,2-Tetrachloroethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,1,2-Trichloroethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,1-Dichloroethane	270	270	19,000	26,000	< 270	270	< 270	270	< 6.1	6.1	< 270	270	< 4.9	4.9	< 4.8	4.8
1,1-Dichloroethene	330	330	100,000	100,000	< 330	330	< 330	330	< 6.1	6.1	< 330	330	< 4.9	4.9	< 4.8	4.8
1,1-Dichloropropene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2,3-Trichlorobenzene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2,3-Trichloropropane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2,4-Trichlorobenzene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	**75**	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2-Dibromo-3-chloropropane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2-Dibromoethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,2-Dichloroethane	20	20	2,300	3,100	< 37	37	< 36	36	< 6.1	6.1	< 41	41	< 4.9	4.9	< 4.8	4.8
1,2-Dichloropropane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	**64**	370	< 360	360	< 6.1	6.1	**44**	410	< 4.9	4.9	< 4.8	4.8
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,3-Dichloropropane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
1,4-Dioxane	100	100	9,800	13,000	<2900	2900	<2900	2900	<91	91	<3300	3300	<74	74	<72	72
2,2,-Dichloropropane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
2-Chlorotoluene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
2-Hexanone					< 1800	1800	< 1800	1800	< 30	30	< 2000	2000	< 25	25	< 24	24
2-Isopropyltoluene					< 370	370	**160**	360	< 6.1	6.1	**74**	410	< 4.9	4.9	< 4.8	4.8
4-Chlorotoluene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
4-Methyl-2-Pentanone					< 1800	1800	< 1800	1800	< 30	30	< 2000	2000	< 25	25	< 24	24
Acetone	50	50	100,000	100,000	**740**	370	< 360	360	< 30	30	< 410	410	**13**	25	**35**	24
Acrolein					<1500	1500	<1400	1400	<24	24	<1600	1600	<20	20	<19	19
Acrylonitrile					<1500	1500	<1400	1400	<24	24	<1600	1600	<20	20	<19	19
Benzene	60	60	2,900	4,800	< 60	60	< 60	60	< 6.1	6.1	< 60	60	< 4.9	4.9	< 4.8	4.8
Bromobenzene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Bromochloromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Bromodichloromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Bromoform					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Bromomethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Carbon Disulfide					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Carbon tetrachloride	760	760	1,400	2,400	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Chlorobenzene	1,100	1,100	100,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Chloroethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Chloroform	370	370	10,000	49,000	< 370	370	< 360	360	< 6.1	6.1	< 370	370	< 4.9	4.9	< 4.8	4.8
Chloromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 250	250	< 250	250	< 6.1	6.1	< 250	250	< 4.9	4.9	< 4.8	4.8
cis-1,3-Dichloropropene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Dibromomethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Dichlorodifluoromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Ethylbenzene	1,000	1,000	30,000	41,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Hexachlorobutadiene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Isopropylbenzene					< 370	370	**110**	360	< 6.1	6.1	**50**	410	< 4.9	4.9	< 4.8	4.8
m&p-Xylenes	160	260	100,000	100,000	**75**	370	**80**	360	< 6.1	6.1	**120**	410	< 4.9	4.9	< 4.8	4.8
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 370	370	< 360	360	**7.3**	36	< 410	410	< 30	30	< 29	29
Methyl t-butyl ether (MTBE)		930		100,000	< 730	730	< 720	720	< 12	12	< 820	820	< 9.9	9.9	< 9.6	9.6
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Naphthalene	12,000	12,000	100,000	100,000	**130**	370	**160**	360	< 6.1	6.1	**410**	410	< 4.9	4.9	< 4.8	4.8
n-Butylbenzene	12,000	12,000	100,000	100,000	< 370	370	**770**	360	< 6.1	6.1	**410**	410	< 4.9	4.9	< 4.8	4.8
n-Propylbenzene	3,900	3,900	100,000	100,000	< 370	370	**240**	360	< 6.1	6.1	**87**	410	< 4.9	4.9	< 4.8	4.8
o-Xylene	160	260	100,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
p-Isopropyltoluene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 370	370	**400**	360	< 6.1	6.1	**230**	410	< 4.9	4.9	< 4.8	4.8
Styrene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Tert-butyl alcohol					<7300	7300	<7200	7200	<120	120	<8200	8200	<99	99	<96	96
tert-butylbenzene	5,900	5,900	100,000	100,000	< 370	370	**47**	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Tetrachloroethene	1,300	1,300	5,000	19,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Tetrahydrofuran (THF)					< 730	730	< 720	720	< 12	12	< 820	820	< 9.9	9.9	**7.1**	9.6
Toluene	700	700	100,000	100,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 190	190	< 190	190	< 6.1	6.1	< 190	190	< 4.9	4.9	< 4.8	4.8
trans-1,3-Dichloropropene					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
trans-1,4-dichloro-2-butene					< 730	730	< 720	720	< 12	12	< 820	820	< 9.9	9.9	< 9.6	9.6
Trichloroethene	470	470	10,000	21,000	< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Trichlorofluoromethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Trichlorotrifluoroethane					< 370	370	< 360	360	< 6.1	6.1	< 410	410	< 4.9	4.9	< 4.8	4.8
Vinyl Chloride	20	20	210	900	< 37	37	< 36	36	< 6.1	6.1	< 41	41	< 4.9	4.9	< 4.8	4.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA1 B6		FA1 B7		FA1 B8		FA1 B9		FA2 B6		FA2 B7	
					(1-2')		(1-2')		(3-4')		(3-4')		(1-2')		(3-4')	
					10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 15	15	< 16	16	< 17	17	< 20	20	< 940	940	< 24	24
1,1,1-Trichloroethane	680	680	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,1,2,2-Tetrachloroethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,1,2-Trichloroethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,1-Dichloroethane	270	270	19,000	26,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,1-Dichloroethene	330	330	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,1-Dichloropropene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2,3-Trichlorobenzene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2,3-Trichloropropane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2,4-Trichlorobenzene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**51**	240	< 5.9	5.9
1,2-Dibromo-3-chloropropane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2-Dibromoethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,2-Dichloroethane	20	20	2,300	3,100	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 24	24	< 5.9	5.9
1,2-Dichloropropane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**40**	240	< 5.9	5.9
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,3-Dichloropropane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
1,4-Dioxane	100	100	9,800	13,000	< 55	55	< 59	59	< 62	62	< 75	75	< 1900	1,900	< 88	88
2,2,-Dichloropropane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
2-Chlorotoluene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
2-Hexanone					< 18	18	< 20	20	< 21	21	< 25	25	< 1200	1,200	< 29	29
2-Isopropyltoluene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**61**	240	< 5.9	5.9
4-Chlorotoluene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
4-Methyl-2-Pentanone					< 18	18	< 20	20	< 21	21	< 25	25	< 1200	1,200	< 29	29
Acetone	50	50	100,000	100,000	**27**	18	< 20	20	**56**	21	< 25	25	**330**	1,200	< 29	29
Acrolein					< 15	15	< 16	16	< 17	17	< 20	20	< 940	940	< 24	24
Acrylonitrile					< 15	15	< 16	16	< 17	17	< 20	20	< 940	940	< 24	24
Benzene	60	60	2,900	4,800	< 3.7	3.7	**50**	60	< 4.1	4.1	< 5.0	5.0	< 60	60	< 5.9	5.9
Bromobenzene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Bromochloromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Bromodichloromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Bromoform					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Bromomethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Carbon Disulfide					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Carbon tetrachloride	760	760	1,400	2,400	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Chlorobenzene	1,100	1,100	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Chloroethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Chloroform	370	370	10,000	49,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Chloromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
cis-1,3-Dichloropropene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Dibromomethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Dichlorodifluoromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Ethylbenzene	1,000	1,000	30,000	41,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Hexachlorobutadiene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Isopropylbenzene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
m&p-Xylenes	160	260	100,000	100,000	< 3.7	3.7	**53**	200	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 22	22	< 24	24	**6.3**	25	< 30	30	< 240	240	< 35	35
Methyl t-butyl ether (MTBE)		930		100,000	< 7.4	7.4	< 7.8	7.8	< 8.3	8.3	< 10	10	< 470	470	< 12	12
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Naphthalene	12,000	12,000	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**160**	240	< 5.9	5.9
n-Butylbenzene	12,000	12,000	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**46**	240	< 5.9	5.9
n-Propylbenzene	3,900	3,900	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
o-Xylene	160	260	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
p-Isopropyltoluene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**56**	240	< 5.9	5.9
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	**99**	240	< 5.9	5.9
Styrene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Tert-butyl alcohol					< 74	74	< 78	78	< 83	83	< 100	100	< 4700	4,700	< 120	120
tert-butylbenzene	5,900	5,900	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Tetrachloroethene	1,300	1,300	5,000	19,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Tetrahydrofuran (THF)					< 7.4	7.4	< 7.8	7.8	< 8.3	8.3	< 10	10	< 470	470	< 12	12
Toluene	700	700	100,000	100,000	< 3.7	3.7	**31**	200	< 4.1	4.1	**0.62**	5.0	< 240	240	< 5.9	5.9
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 190	190	< 5.9	5.9
trans-1,3-Dichloropropene					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
trans-1,4-dichloro-2-butene					< 7.4	7.4	< 7.8	7.8	< 8.3	8.3	< 10	10	< 470	470	< 12	12
Trichloroethene	470	470	10,000	21,000	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Trichlorofluoromethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Trichlorotrifluoroethane					< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9
Vinyl Chloride	20	20	210	900	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 5.0	5.0	< 24	24	< 5.9	5.9

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA2 B8		FA2 B9		FA5 B6		FA5 B7		FA5 B8		FA5 B9	
					(0-4')		(1-2')		(1-2')		(1-2')		(2-3')		(3-4')	
					10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 17	17	< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
1,1,1-Trichloroethane	680	680	100,000	100,000	< 4.2	4.2	< 6.3	6.3	**27**	250	< 5.4	5.4	< 4.2	4.2	**1,000**	240
1,1,2,2-Tetrachloroethane					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,1,2-Trichloroethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloroethane	270	270	19,000	26,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloroethene	330	330	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloropropene					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2,3-Trichlorobenzene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,3-Trichloropropane					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,4-Trichlorobenzene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	**35**	210	< 3.1	3.1
1,2-Dibromo-3-chloropropane					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2-Dibromoethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2-Dichloroethane	20	20	2,300	3,100	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2-Dichloropropane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	**22**	210	< 3.1	3.1
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,3-Dichloropropane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,4-Dioxane	100	100	9,800	13,000	< 63	63	< 94	94	< 68	68	< 81	81	< 63	63	< 46	46
2,2,-Dichloropropane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
2-Chlorotoluene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
2-Hexanone					< 21	21	< 31	31	< 23	23	< 27	27	< 21	21	< 15	15
2-Isopropyltoluene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
4-Chlorotoluene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
4-Methyl-2-Pentanone					< 21	21	< 31	31	< 23	23	< 27	27	< 21	21	< 15	15
Acetone	50	50	100,000	100,000	< 21	21	< 31	31	< 23	23	< 27	27	**26**	21	< 15	15
Acrolein					< 17	17	< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
Acrylonitrile					< 17	17	< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
Benzene	60	60	2,900	4,800	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromobenzene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Bromochloromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromodichloromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromoform					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 210	210	< 3.1	3.1
Bromomethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Carbon Disulfide					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Carbon tetrachloride	760	760	1,400	2,400	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chlorobenzene	1,100	1,100	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chloroethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chloroform	370	370	10,000	49,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	**390**	240
Chloromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
cis-1,3-Dichloropropene					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Cyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Dibromomethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Dichlorodifluoromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Ethylbenzene	1,000	1,000	30,000	41,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Hexachlorobutadiene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Isopropylbenzene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
m&p-Xylenes	160	260	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	**55**	210	< 3.1	3.1
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 25	25	< 38	38	< 27	27	< 33	33	< 25	25	< 18	18
Methyl t-butyl ether (MTBE)		930		100,000	< 8.4	8.4	< 13	13	< 9.1	9.1	< 11	11	< 8.4	8.4	< 6.1	6.1
Methylacetate					-	-	-	-	-	-	-	-	-	-	-	-
Methylcyclohexane					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Naphthalene	12,000	12,000	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	**72**	210	< 3.1	3.1
n-Butylbenzene	12,000	12,000	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
n-Propylbenzene	3,900	3,900	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
o-Xylene	160	260	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
p-Isopropyltoluene					< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Styrene					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Tert-butyl alcohol					< 84	84	< 130	130	< 91	91	< 110	110	< 84	84	< 61	61
tert-butylbenzene	5,900	5,900	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Tetrachloroethene	1,300	1,300	5,000	19,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Tetrahydrofuran (THF)					< 8.4	8.4	< 13	13	< 9.1	9.1	< 11	11	< 8.4	8.4	< 6.1	6.1
Toluene	700	700	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	**22**	210	< 3.1	3.1
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
trans-1,3-Dichloropropene					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
trans-1,4-dichloro-2-butene					< 8.4	8.4	< 13	13	< 500	500	< 600	600	< 420	420	< 6.1	6.1
Trichloroethene	470	470	10,000	21,000	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Trichlorofluoromethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Trichlorotrifluoroethane					< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Vinyl Chloride	20	20	210	900	< 4.2	4.2	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	WC - D3 Stockpile		WC - E2 Stockpile				Waste Characterization - Building C Cellar									
					D3 Grab		E2 Grab				Red Grab									
					(0-2')		(0-2')		(2-3')		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					4/24/2018		4/24/2018		4/24/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 22	22	< 22	22	< 22	22	< 18	18	< 21	21	< 22	22	< 25	25	< 23	23
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,1,2,2-Tetrachloroethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,1,2-Trichloroethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,1-Dichloroethane	270	270	19,000	26,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,1-Dichloroethene	330	330	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,1-Dichloropropene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
1,2,3-Trichlorobenzene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,2,3-Trichloropropane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
1,2,4-Trichlorobenzene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
1,2-Dibromo-3-chloropropane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,2-Dibromoethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,2-Dichloroethane	20	20	2,300	3,100	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,2-Dichloropropane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,3-Dichloropropane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4										
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
1,4-Dioxane	100	100	9,800	13,000	< 81	81	< 82	82	< 81	81	< 66	66	< 78	78	< 83	83	< 94	94	< 84	84
2,2,-Dichloropropane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
2-Chlorotoluene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
2-Hexanone					< 27	27	< 27	27	< 27	27	< 22	22	< 26	26	< 28	28	< 31	31	< 28	28
2-Isopropyltoluene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
4-Chlorotoluene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
4-Methyl-2-Pentanone					< 27	27	< 27	27	< 27	27	< 22	22	< 26	26	< 28	28	< 31	31	< 28	28
Acetone	50	50	100,000	100,000	< 50	50	< 50	50	< 50	50	**17**	22	**13**	26	< 28	28	< 31	31	**7.7**	28
Acrolein					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Acrylonitrile					< 22	22	< 22	22	< 11	11	< 18	18	< 21	21	< 22	22	< 25	25	< 23	23
Benzene	60	60	2,900	4,800	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Bromobenzene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
Bromochloromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Bromodichloromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Bromoform					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Bromomethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Carbon Disulfide					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Carbon tetrachloride	760	760	1,400	2,400	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Chloroethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Chloroform	370	370	10,000	49,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Chloromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
cis-1,3-Dichloropropene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Cyclohexane					-	-	-	-	-	-	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Dibromochloromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Dibromomethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
Dichlorodifluoromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Hexachlorobutadiene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
Isopropylbenzene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
m&p-Xylenes	160	260	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 32	32	< 33	33	< 32	32	< 26	26	< 31	31	< 33	33	< 38	38	< 34	34
Methyl t-butyl ether (MTBE)		930		100,000	< 11	11	< 11	11	< 11	11	< 8.8	8.8	< 10	10	< 11	11	< 13	13	< 11	11
Methylacetate					-	-	-	-	-	-	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Methylcyclohexane					-	-	-	-	-	-	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Methylene chloride	50	50	51,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Naphthalene	12,000	12,000	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
o-Xylene	160	260	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
p-Isopropyltoluene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
Styrene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Tert-butyl alcohol					< 110	110	< 110	110	< 110	110	< 88	88	< 100	100	< 110	110	< 130	130	< 110	110
tert-butylbenzene	5,900	5,900	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	-	-	-	-						
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Tetrahydrofuran (THF)					< 11	11	< 11	11	< 11	11	-	-	-	-						
Toluene	700	700	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
trans-1,3-Dichloropropene					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
trans-1,4-dichloro-2-butene					< 11	11	< 11	11	< 11	11	-	-	-	-						
Trichloroethene	470	470	10,000	21,000	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Trichlorofluoromethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Trichlorotrifluoroethane					< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6
Vinyl Chloride	20	20	210	900	< 5.4	5.4	< 5.5	5.5	< 5.4	5.4	< 4.4	4.4	< 5.2	5.2	< 5.6	5.6	< 6.3	6.3	< 5.6	5.6

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar									
					Blue Grab									
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 23	23	< 19	19	< 24	24	< 25	25	< 24	24
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,1,2,2-Tetrachloroethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,1,2-Trichloroethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,1-Dichloroethane	270	270	19,000	26,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,1-Dichloroethene	330	330	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,1-Dichloropropene					-	-	-	-						
1,2,3-Trichlorobenzene					< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,2,3-Trichloropropane					-	-	-	-						
1,2,4-Trichlorobenzene					< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	-	-	-	-						
1,2-Dibromo-3-chloropropane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,2-Dibromoethane					< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,2-Dichloroethane	20	20	2,300	3,100	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,2-Dichloropropane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	-	-	-	-						
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,3-Dichloropropane														
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
1,4-Dioxane	100	100	9,800	13,000	< 88	88	< 72	72	< 88	88	< 93	93	< 90	90
2,2,-Dichloropropane					-	-	-	-						
2-Chlorotoluene					-	-	-	-						
2-Hexanone					< 29	29	< 24	24	< 29	29	< 31	31	< 30	30
2-Isopropyltoluene					-	-	-	-						
4-Chlorotoluene					-	-	-	-						
4-Methyl-2-Pentanone					< 29	29	< 24	24	< 29	29	< 31	31	< 30	30
Acetone	50	50	100,000	100,000	**14**	28	**20**	28	**8.5**	29	**17**	31	**14**	30
Acrolein					< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Acrylonitrile					< 23	23	< 19	19	< 24	24	< 25	25	< 24	24
Benzene	60	60	2,900	4,800	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Bromobenzene					-	-	-	-						
Bromochloromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Bromodichloromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Bromoform					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Bromomethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Carbon Disulfide					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	**2.2**	6.2	**5.5**	6.0
Carbon tetrachloride	760	760	1,400	2,400	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Chloroethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Chloroform	370	370	10,000	49,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Chloromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
cis-1,3-Dichloropropene					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Cyclohexane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Dibromochloromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Dibromomethane					-	-	-	-						
Dichlorodifluoromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Hexachlorobutadiene					-	-	-	-						
Isopropylbenzene					< 280	280	< 410	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
m&p-Xylenes	160	260	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 35	35	< 29	29	< 35	35	< 37	37	< 36	36
Methyl t-butyl ether (MTBE)		930		100,000	< 12	12	< 9.5	9.5	< 12	12	< 12	12	< 12	12
Methylacetate					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Methylcyclohexane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Methylene chloride	50	50	51,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Naphthalene	12,000	12,000	100,000	100,000	-	-	-	-						
n-Butylbenzene	12,000	12,000	100,000	100,000	-	-	-	-						
n-Propylbenzene	3,900	3,900	100,000	100,000	-	-	-	-						
o-Xylene	160	260	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
p-Isopropyltoluene					-	-	-	-						
sec-Butylbenzene	11,000	11,000	100,000	100,000	-	-	-	-						
Styrene					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Tert-butyl alcohol					< 120	120	< 95	95	< 120	120	< 120	120	< 120	120
tert-butylbenzene	5,900	5,900	100,000	100,000	-	-	-	-						
Tetrachloroethene	1,300	1,300	5,000	19,000	**190**	280	**230**	410	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Tetrahydrofuran (THF)					-	-	-	-						
Toluene	700	700	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
trans-1,3-Dichloropropene					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
trans-1,4-dichloro-2-butene					-	-	-	-						
Trichloroethene	470	470	10,000	21,000	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Trichlorofluoromethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Trichlorotrifluoroethane					< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0
Vinyl Chloride	20	20	210	900	< 5.8	5.8	< 4.8	4.8	< 5.9	5.9	< 6.2	6.2	< 6.0	6.0

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar										WC - B4 Stockpile	
					Yellow Grab										B4 Grab	
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-2')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		7/5/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 19	19	< 20	20	< 29	29	< 26	26	< 24	24	< 21	21
1,1,1-Trichloroethane	680	680	100,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,1,2,2-Tetrachloroethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,1,2-Trichloroethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,1-Dichloroethane	270	270	19,000	26,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,1-Dichloroethene	330	330	100,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,1-Dichloropropene					-	-	-	-							< 5.2	5.2
1,2,3-Trichlorobenzene					< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,2,3-Trichloropropane					-	-	-	-							< 5.2	5.2
1,2,4-Trichlorobenzene					< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	-	-	-	-							**0.68**	5.2
1,2-Dibromo-3-chloropropane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,2-Dibromoethane					< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 1.2	1.2	< 5.2	5.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,2-Dichloroethane	20	20	2,300	3,100	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,2-Dichloropropane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	-	-	-	-							< 5.2	5.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,3-Dichloropropane															< 5.2	5.2
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
1,4-Dioxane	100	100	9,800	13,000	< 71	71	< 74	74	< 100	100	< 99	99	< 89	89	-	-
2,2,-Dichloropropane					-	-	-	-							< 5.2	5.2
2-Chlorotoluene					-	-	-	-							< 5.2	5.2
2-Hexanone					< 24	24	< 25	25	< 36	36	< 33	33	< 30	30	< 26	26
2-Isopropyltoluene					-	-	-	-							< 5.2	5.2
4-Chlorotoluene					-	-	-	-							< 5.2	5.2
4-Methyl-2-Pentanone					< 24	24	< 25	25	< 36	36	< 33	33	< 30	30	< 26	26
Acetone	50	50	100,000	100,000	**17**	27	**49**	25	**8.9**	36	**17**	33	**32**	30	**9.4**	26
Acrolein					< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 5.2	5.2
Acrylonitrile					< 19	19	< 20	20	< 29	29	< 26	26	< 24	24	< 21	21
Benzene	60	60	2,900	4,800	< 4.7	4.7	**87**	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Bromobenzene					-	-	-	-							< 5.2	5.2
Bromochloromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Bromodichloromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Bromoform					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Bromomethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Carbon Disulfide					< 4.7	4.7	**1**	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Carbon tetrachloride	760	760	1,400	2,400	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Chlorobenzene	1,100	1,100	100,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Chloroethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Chloroform	370	370	10,000	49,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Chloromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
cis-1,3-Dichloropropene					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Cyclohexane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	-	-
Dibromochloromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Dibromomethane					-	-	-	-							< 5.2	5.2
Dichlorodifluoromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Ethylbenzene	1,000	1,000	30,000	41,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Hexachlorobutadiene					-	-	-	-							< 5.2	5.2
Isopropylbenzene					< 260	260	< 260	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
m&p-Xylenes	160	260	100,000	100,000	< 4.7	4.7	**63**	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 28	28	**6.1**	30	< 43	43	< 40	40	**9.4**	36	< 31	31
Methyl t-butyl ether (MTBE)		930		100,000	< 9.5	9.5	< 9.9	9.9	< 14	14	< 13	13	< 12	12	< 10	10
Methylacetate					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	-	-
Methylcyclohexane					< 4.7	4.7	**89**	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	-	-
Methylene chloride	50	50	51,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Naphthalene	12,000	12,000	100,000	100,000	-	-	-	-							< 5.2	5.2
n-Butylbenzene	12,000	12,000	100,000	100,000	-	-	-	-							< 5.2	5.2
n-Propylbenzene	3,900	3,900	100,000	100,000	-	-	-	-							< 5.2	5.2
o-Xylene	160	260	100,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
p-Isopropyltoluene					-	-	-	-							< 5.2	5.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	-	-	-	-							< 5.2	5.2
Styrene					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Tert-butyl alcohol					< 95	95	< 99	99	< 140	140	< 130	130	< 120	120	< 100	100
tert-butylbenzene	5,900	5,900	100,000	100,000	-	-	-	-							< 5.2	5.2
Tetrachloroethene	1,300	1,300	5,000	19,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Tetrahydrofuran (THF)					-	-	-	-							< 10	10
Toluene	700	700	100,000	100,000	< 4.7	4.7	**38**	260	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
trans-1,3-Dichloropropene					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
trans-1,4-dichloro-2-butene					-	-	-	-							< 10	10
Trichloroethene	470	470	10,000	21,000	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Trichlorofluoromethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Trichlorotrifluoroethane					< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2
Vinyl Chloride	20	20	210	900	< 4.7	4.7	< 4.9	4.9	< 7.1	7.1	< 6.6	6.6	< 6.0	6.0	< 5.2	5.2

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 13
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Waterfront										WC - Sewer			
					SB Grab		SB Grab		Shorefront North Grab		Waterfront North Grab		Shoreline North Grab		Sewer Stockpile G 1		Sewer Stockpile G 2	
					(0-5')		(5-10')											
					8/17/2018		8/17/2018		8/24/2018		8/29/2018		8/29/2018		8/13/2019		8/19/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 24	24	< 1500	1,500	< 18	18	< 27	27	< 2000	2,000	< 24	24	< 15	15
1,1,1-Trichloroethane	680	680	100,000	100,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
1,1,2,2-Tetrachloroethane					< 6.1	6.1	< 73	73	< 4.6	4.6	< 6.9	6.9	< 100	100	< 5.9	5.9	< 3.7	3.7
1,1,2-Trichloroethane					< 6.1	6.1	< 150	150	< 4.6	4.6	< 6.9	6.9	< 150	150	< 5.9	5.9	< 3.7	3.7
1,1-Dichloroethane	270	270	19,000	26,000	< 6.1	6.1	< 270	270	< 4.6	4.6	< 6.9	6.9	< 270	270	< 5.9	5.9	< 3.7	3.7
1,1-Dichloroethene	330	330	100,000	100,000	< 6.1	6.1	< 190	190	< 4.6	4.6	< 6.9	6.9	< 190	190	< 5.9	5.9	< 3.7	3.7
1,1-Dichloropropene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
1,2,3-Trichloropropane					-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane					< 6.1	6.1	< 73	73	< 4.6	4.6	< 6.9	6.9	< 100	100	< 5.9	5.9	< 3.7	3.7
1,2-Dibromoethane					< 1.2	1.2	< 36	36	< 1.2	1.2	< 1.2	1.2	< 51	51	< 5.9	5.9	< 1.2	1.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
1,2-Dichloroethane	20	20	2,300	3,100	< 6.1	6.1	< 36	36	< 4.6	4.6	< 6.9	6.9	< 51	51	< 5.9	5.9	< 3.7	3.7
1,2-Dichloropropane					< 6.1	6.1	< 110	110	< 4.6	4.6	< 6.9	6.9	< 110	110	< 5.9	5.9	< 3.7	3.7
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
1,3-Dichloropropane									-	-					-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
1,4-Dioxane	100	100	9,800	13,000	< 91	91	< 2900	2,900	< 69	69	< 100	100	< 4100	4,100	< 88	88	< 55	55
2,2,-Dichloropropane					-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone					< 30	30	< 1800	1,800	< 23	23	< 34	34	< 2500	2,500	< 29	29	< 18	18
2-Isopropyltoluene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone					< 30	30	< 1800	1,800	< 23	23	< 34	34	< 2500	2,500	< 29	29	< 18	18
Acetone	50	50	100,000	100,000	**49**	30	< 360	360	**15**	23	**8.8**	34	< 510	510	**15**	29	< 18	18
Acrolein					< 1.4	1.4	< 73	73	< 1.4	1.4	< 1.4	1.4	< 100	100	< 5.9	5.9	< 1.4	1.4
Acrylonitrile					< 24	24	< 37	37	< 18	18	< 27	27	< 51	51	< 24	24	< 15	15
Benzene	60	60	2,900	4,800	**0.78**	6.1	< 60	60	< 4.6	4.6	< 6.9	6.9	< 60	60	< 5.9	5.9	< 3.7	3.7
Bromobenzene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Bromodichloromethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Bromoform					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Bromomethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Carbon Disulfide					< 6.1	6.1	< 360	360	**1.3**	4.6	< 6.9	6.9	< 510	510	**1.6**	5.9	< 3.7	3.7
Carbon tetrachloride	760	760	1,400	2,400	< 6.1	6.1	< 260	260	< 4.6	4.6	< 6.9	6.9	< 260	260	< 5.9	5.9	< 3.7	3.7
Chlorobenzene	1,100	1,100	100,000	100,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Chloroethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Chloroform	370	370	10,000	49,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 370	370	< 5.9	5.9	< 3.7	3.7
Chloromethane					**2**	6.1	< 73	73	< 4.6	4.6	< 6.9	6.9	< 100	100	< 5.9	5.9	< 3.7	3.7
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 6.1	6.1	< 250	250	< 4.6	4.6	< 6.9	6.9	< 250	250	< 5.9	5.9	< 3.7	3.7
cis-1,3-Dichloropropene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Cyclohexane					< 6.1	6.1	**85**	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Dibromochloromethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Dibromomethane					-	-	-	-	-	-	-	-	-	-	< 5.9	5.9	-	-
Dichlorodifluoromethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	-	-	< 3.7	3.7
Ethylbenzene	1,000	1,000	30,000	41,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Hexachlorobutadiene					-	-	-	-	-	-	-	-	-	-	-	-		
Isopropylbenzene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 460	460	< 510	510	< 5.9	5.9	< 3.7	3.7
m&p-Xylenes	160	260	100,000	100,000	**1.5**	6.1	**80**	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 37	37	< 150	150	< 28	28	< 41	41	< 200	200	< 35	35	< 22	22
Methyl t-butyl ether (MTBE)		930		100,000	< 12	12	< 280	280	< 9.2	9.2	< 14	14	< 280	280	< 12	12	< 7.4	7.4
Methylacetate					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Methylcyclohexane					< 6.1	6.1	**240**	360	< 4.6	4.6	< 6.9	6.9	**210**	510	< 5.9	5.9	< 3.7	3.7
Methylene chloride	50	50	51,000	100,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Naphthalene	12,000	12,000	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12,000	12,000	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	3,900	3,900	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	160	260	100,000	100,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
p-Isopropyltoluene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11,000	11,000	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Tert-butyl alcohol					< 120	120	< 7300	7,300	< 92	92	< 140	140	< 10000	10,000	-	-	-	-
tert-butylbenzene	5,900	5,900	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1,300	1,300	5,000	19,000	< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 430	430	< 5.9	5.9	< 3.7	3.7
Tetrahydrofuran (THF)					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	700	100,000	100,000	**1.1**	6.1	**42**	360	**0.7**	4.6	< 6.9	6.9	**73**	510	< 5.9	5.9	< 3.7	3.7
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 6.1	6.1	< 190	190	< 4.6	4.6	< 6.9	6.9	< 190	190	< 5.9	5.9	< 3.7	3.7
trans-1,3-Dichloropropene					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
trans-1,4-dichloro-2-butene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	470	10,000	21,000	< 6.1	6.1	< 170	170	< 4.6	4.6	< 6.9	6.9	< 170	170	< 5.9	5.9	< 3.7	3.7
Trichlorofluoromethane					< 6.1	6.1	< 360	360	< 4.6	4.6	**1,300**	460	< 510	510	< 5.9	5.9	< 3.7	3.7
Trichlorotrifluoroethane					< 6.1	6.1	< 360	360	< 4.6	4.6	< 6.9	6.9	< 510	510	< 5.9	5.9	< 3.7	3.7
Vinyl Chloride	20	20	210	900	< 6.1	6.1	< 36	36	< 4.6	4.6	< 6.9	6.9	< 51	51	< 5.9	5.9	< 3.7	3.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock											
					Comp A		Comp B		Comp C		Comp D		Comp E		Comp F	
					(0-5')		(0-5')		(0-5')		(0-5')		(0-5')		(0-5')	
					12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
1,2,4-Trichlorobenzene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
1,2-Diphenylhydrazine					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,4,6-Trichlorophenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,4-Dichlorophenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,4-Dimethylphenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,4-Dinitrophenol					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
2,4-Dinitrotoluene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2,6-Dinitrotoluene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2-Chloronaphthalene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2-Chlorophenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2-Methylnaphthalene					**400**	260	**160**	260	**350**	260	**170**	250	**590**	260	**1,600**	250
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
2-Nitroaniline					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
2-Nitrophenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
3&4-Methylphenol (m&p-cresol)					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
3,3'-Dichlorobenzidine					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
3-Nitroaniline					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
4,6-Dinitro-2-methylphenol					< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1800	1,800
4-Bromophenyl phenyl ether					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
4-Chloro-3-methylphenol					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
4-Chloroaniline					< 300	300	< 290	290	< 290	290	< 290	290	< 290	290	< 290	290
4-Chlorophenyl phenyl ether					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
4-Nitroaniline					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
4-Nitrophenol					< 370	370	< 370	370	< 370	370	< 360	360	< 370	370	< 360	360
Acenaphthene	9,800	20,000	100,000	100,000	**630**	260	**210**	260	**540**	260	**170**	250	**1,200**	260	**1,800**	250
Acenaphthylene	10,700	100,000	100,000	100,000	**370**	260	< 260	260	**210**	260	**140**	250	**460**	260	**540**	250
Acetophenone					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Aniline					< 300	300	< 290	290	< 290	290	< 290	290	< 290	290	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	**1,900**	260	**580**	260	**1,300**	260	**610**	250	**2,600**	260	**5,100**	250
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	**6,800**	260	**1,500**	260	**4,100**	260	**1,900**	250	**7,300**	1300	**9,000**	2500
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 750	750	< 730	730	< 730	730	< 730	730	< 730	730	< 710	710
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**5,900**	260	**1,600**	260	**4,100**	260	**2,100**	250	**7,200**	260	**8,400**	2500
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**6,800**	260	**1,400**	260	**4,200**	260	**2,100**	250	**6,500**	1300	**7,400**	2500
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**2,300**	260	**750**	260	**2,200**	260	**1,300**	250	**3,400**	260	**4,000**	250
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**3,800**	260	**1,400**	260	**2,900**	260	**1,800**	250	**5,300**	260	**6,500**	2500
Benzoic acid					< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1800	1800	< 1800	1800
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Bis(2-chloroethoxy)methane					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Bis(2-chloroethyl)ether					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Bis(2-chloroisopropyl)ether					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Bis(2-ethylhexyl)phthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					**710**	1900	**290**	1,800	**580**	1,800	< 1800	1,800	**1,500**	1800	**2,200**	1800
Chrysene	1,000	1,000	1,000	3,900	**7,100**	1300	**1,700**	260	**4,500**	260	**2,100**	250	**7,900**	1300	**9,800**	2500
Dibenz(a,h)anthracene	1,000,000	330	330	330	**790**	260	**190**	260	**580**	260	**320**	250	**910**	260	**1,100**	250
Dibenzofuran	210,000	7,000	59,000	59,000	**640**	260	**200**	260	**420**	260	**260**	250	**1,100**	260	**2,000**	250
Diethyl phthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Dimethylphthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Di-n-butylphthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Di-n-octylphthalate					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Fluoranthene	1,000,000	100,000	100,000	100,000	**11,000**	1,300	**2,800**	260	**7,600**	1,300	**3,400**	250	**16,000**	1,300	**20,000**	2,500
Fluorene	386,000	30,000	100,000	100,000	**750**	260	**250**	260	**550**	260	**230**	250	**1,300**	260	**3,100**	250
Hexachlorobenzene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Hexachlorobutadiene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Hexachlorocyclopentadiene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Hexachloroethane					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**2,600**	260	**850**	260	**2,500**	260	**1,400**	250	**4,000**	260	**4,600**	250
Isophorone					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Naphthalene	12,000	12,000	100,000	100,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	**4,300**	250
Nitrobenzene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
N-Nitrosodimethylamine					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
N-Nitrosodi-n-propylamine					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
N-Nitrosodiphenylamine					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Pentachloronitrobenzene					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Phenanthrene	1,000,000	100,000	100,000	100,000	**8,800**	1,300	**2,900**	260	**6,800**	1,300	**2,800**	250	**15,000**	1,300	**23,000**	2,500
Phenol	330	330	100,000	100,000	< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250
Pyrene	1,000,000	100,000	100,000	100,000	**11,000**	1,300	**2,400**	260	**6,800**	260	**2,900**	250	**14,000**	1,300	**17,000**	2,500
Pyridine					< 260	260	< 260	260	< 260	260	< 250	250	< 260	260	< 250	250

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					Comp G		Comp H		WC A1 Comp		WC A2 Comp		WC B1 Comp	
					(0-5')		(0-5')							
					12/11/2015		12/11/2015		3/28/2017		3/28/2017		3/28/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 260	260	< 260	260	-	-	-	-	-	-
1,2,4-Trichlorobenzene					< 260	260	< 260	260	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 260	260	-	-	-	-	-	-
1,2-Diphenylhydrazine					< 260	260	< 260	260	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 260	260	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 260	260	-	-	-	-	-	-
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 260	260	< 260	260	-	-	-	-	-	-
2,4,6-Trichlorophenol					< 260	260	< 260	260	-	-	-	-	-	-
2,4-Dichlorophenol					< 260	260	< 260	260	-	-	-	-	-	-
2,4-Dimethylphenol					< 260	260	< 260	260	-	-	-	-	-	-
2,4-Dinitrophenol					< 740	740	< 750	750	-	-	-	-	-	-
2,4-Dinitrotoluene					< 260	260	< 260	260	-	-	-	-	-	-
2,6-Dinitrotoluene					< 260	260	< 260	260	-	-	-	-	-	-
2-Chloronaphthalene					< 260	260	< 260	260	-	-	-	-	-	-
2-Chlorophenol					< 260	260	< 260	260	-	-	-	-	-	-
2-Methylnaphthalene					**1,100**	260	**160**	260	**350**	760	< 1800	1,800	**130**	380
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 260	260	-	-	-	-	-	-
2-Nitroaniline					< 740	740	< 750	750	-	-	-	-	-	-
2-Nitrophenol					< 260	260	< 260	260	-	-	-	-	-	-
3&4-Methylphenol (m&p-cresol)					**230**	260	< 260	260	-	-	-	-	-	-
3,3'-Dichlorobenzidine					< 740	740	< 750	750	-	-	-	-	-	-
3-Nitroaniline					< 740	740	< 750	750	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol					< 1800	1,800	< 1900	1,900	-	-	-	-	-	-
4-Bromophenyl phenyl ether					< 260	260	< 260	260	-	-	-	-	-	-
4-Chloro-3-methylphenol					< 260	260	< 260	260	-	-	-	-	-	-
4-Chloroaniline					< 290	290	< 300	300	-	-	-	-	-	-
4-Chlorophenyl phenyl ether					< 260	260	< 260	260	-	-	-	-	-	-
4-Nitroaniline					< 740	740	< 750	750	-	-	-	-	-	-
4-Nitrophenol					< 370	370	< 380	380	-	-	-	-	-	-
Acenaphthene	9,800	20,000	100,000	100,000	**1,100**	260	**470**	260	**610**	760	**1,300**	1,800	**150**	380
Acenaphthylene	10,700	100,000	100,000	100,000	**930**	260	**140**	260	< 760	760	< 1800	1,800	**280**	380
Acetophenone					< 260	260	< 260	260	-	-	-	-	-	-
Aniline					< 290	290	< 300	300	-	-	-	-	-	-
Anthracene	1,000,000	100,000	100,000	100,000	**3,300**	260	**1,100**	260	**1,300**	760	**2,500**	1,800	**550**	380
Atrazine					-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	**7,800**	2600	**3,500**	260	**3,200**	760	**4,700**	1,000	**2,000**	380
Benzaldehyde					-	-	-	-	-	-	-	-	-	-
Benzidine					< 740	740	< 750	750	-	-	-	-	-	-
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**7,000**	260	**3,300**	260	**2,900**	760	**4,000**	1,000	**2,100**	380
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**7,400**	2600	**2,700**	260	**2,700**	760	**3,300**	1,000	**1,900**	380
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**4,000**	260	**2,000**	260	**1,700**	760	**2,700**	1,800	**1,500**	380
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**4,600**	260	**2,400**	260	**2,600**	760	**3,200**	800	**1,800**	380
Benzoic acid					< 1800	1800	< 1900	1,900	-	-	-	-	-	-
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 260	260	< 260	260	-	-	-	-	-	-
Bis(2-chloroethoxy)methane					< 260	260	< 260	260	-	-	-	-	-	-
Bis(2-chloroethyl)ether					< 260	260	< 260	260	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether					< 260	260	< 260	260	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate					< 260	260	**200**	260	-	-	-	-	-	-
Caprolactam					-	-	-	-	-	-	-	-	-	-
Carbazole					**2,300**	1800	< 1900	1,900	-	-	-	-	-	-
Chrysene	1,000	1,000	1,000	3,900	**9,400**	2600	**4,100**	260	**3,500**	760	**4,900**	1,000	**2,200**	380
Dibenz(a,h)anthracene	1,000,000	330	330	330	**1,000**	260	**480**	260	**450**	330	< 590	590	**290**	330
Dibenzofuran	210,000	7,000	59,000	59,000	**1,800**	260	**220**	260	-	-	-	-	-	-
Diethyl phthalate					< 260	260	< 260	260	-	-	-	-	-	-
Dimethylphthalate					< 260	260	< 260	260	-	-	-	-	-	-
Di-n-butylphthalate					< 260	260	< 260	260	-	-	-	-	-	-
Di-n-octylphthalate					< 260	260	< 260	260	-	-	-	-	-	-
Fluoranthene	1,000,000	100,000	100,000	100,000	**19,000**	2600	**6,200**	260	**8,000**	760	**11,000**	1,800	**4,000**	380
Fluorene	386,000	30,000	100,000	100,000	**2,000**	260	**450**	260	**560**	760	**1,100**	1,800	**170**	380
Hexachlorobenzene					< 260	260	< 260	260	-	-	-	-	-	-
Hexachlorobutadiene					< 260	260	< 260	260	-	-	-	-	-	-
Hexachlorocyclopentadiene					< 260	260	< 260	260	-	-	-	-	-	-
Hexachloroethane					< 260	260	< 260	260	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**4,300**	260	**1,900**	260	**2,100**	500	**3,100**	610	**1,700**	380
Isophorone					< 260	260	< 260	260	-	-	-	-	-	-
Naphthalene	12,000	12,000	100,000	100,000	**3,100**	260	< 260	260	**1,000**	760	**570**	1,800	**200**	380
Nitrobenzene					< 260	260	< 260	260	-	-	-	-	-	-
N-Nitrosodimethylamine					< 260	260	< 260	260	-	-	-	-	-	-
N-Nitrosodi-n-propylamine					< 260	260	< 260	260	-	-	-	-	-	-
N-Nitrosodiphenylamine					< 260	260	< 260	260	-	-	-	-	-	-
Pentachloronitrobenzene					< 260	260	< 260	260	-	-	-	-	-	-
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 260	260	-	-	-	-	-	-
Phenanthrene	1,000,000	100,000	100,000	100,000	**23,000**	2,600	**5,900**	260	**7,400**	760	**12,000**	1,800	**2,200**	380
Phenol	330	330	100,000	100,000	< 260	260	< 260	260	-	-	-	-	-	-
Pyrene	1,000,000	100,000	100,000	100,000	**16,000**	2,600	**7,500**	260	**6,800**	760	**11,000**	1,800	**3,600**	380
Pyridine					< 260	260	< 260	260	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					Comp				FA Comp 1				FA Comp 2			
					(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
					1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
1,2,4-Trichlorobenzene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
1,2-Diphenylhydrazine					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2,4,6-Trichlorophenol					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
2,4-Dichlorophenol					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
2,4-Dimethylphenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2,4-Dinitrophenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2,4-Dinitrotoluene					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
2,6-Dinitrotoluene					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
2-Chloronaphthalene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2-Chlorophenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2-Methylnaphthalene					**170**	250	**2,600**	280	< 270	270	< 260	260	< 260	260	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2-Nitroaniline					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
2-Nitrophenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
3&4-Methylphenol (m&p-cresol)					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
3,3'-Dichlorobenzidine					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
3-Nitroaniline					< 360	360	< 400	400	< 380	380	< 380	380	< 370	370	< 380	380
4,6-Dinitro-2-methylphenol					< 220	220	< 240	240	< 230	230	< 230	230	< 220	220	< 230	230
4-Bromophenyl phenyl ether					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
4-Chloro-3-methylphenol					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
4-Chloroaniline					< 290	290	< 320	320	< 310	310	< 300	300	< 290	290	< 300	300
4-Chlorophenyl phenyl ether					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
4-Nitroaniline					< 360	360	< 400	400	< 380	380	< 380	380	< 370	370	< 380	380
4-Nitrophenol					< 360	360	< 400	400	< 380	380	< 380	380	< 370	370	< 380	380
Acenaphthene	9,800	20,000	100,000	100,000	**120**	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	**120**	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Acetophenone					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Aniline					< 290	290	< 320	320	< 310	310	< 300	300	< 290	290	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	**310**	250	**180**	280	< 270	270	**200**	260	**140**	260	< 270	270
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	**1,000**	250	< 280	280	< 270	270	**380**	260	**410**	260	**180**	270
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 360	360	< 400	400	< 380	380	< 380	380	< 370	370	< 380	380
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**1,100**	180	< 200	200	**140**	190	**340**	190	**380**	180	**190**	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**1,000**	250	< 280	280	**140**	270	**320**	260	**370**	260	**190**	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**630**	250	< 280	280	< 270	270	**180**	260	**230**	260	**120**	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**930**	250	< 280	280	< 270	270	**350**	260	**340**	260	**160**	270
Benzoic acid					< 1800	1,800	< 2000	2,000	< 1900	1900	< 1900	1900	< 1800	1800	< 1900	1900
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Bis(2-chloroethoxy)methane					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Bis(2-chloroethyl)ether					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Bis(2-chloroisopropyl)ether					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Bis(2-ethylhexyl)phthalate					**4,500**	250	< 280	280	**300**	270	< 260	260	< 260	260	< 270	270
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Chrysene	1,000	1,000	1,000	3,900	**1,200**	250	< 280	280	**160**	270	**430**	260	**480**	260	**210**	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	**160**	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	**110**	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Diethyl phthalate					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Dimethylphthalate					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Di-n-butylphthalate					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Di-n-octylphthalate					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	**2,100**	250	**260**	280	**200**	270	**790**	260	**740**	260	**450**	270
Fluorene	386,000	30,000	100,000	100,000	**120**	250	**900**	280	< 270	270	< 260	260	< 260	260	< 270	270
Hexachlorobenzene					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Hexachlorobutadiene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Hexachlorocyclopentadiene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Hexachloroethane					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**720**	250	< 280	280	< 270	270	**190**	260	**230**	260	< 270	270
Isophorone					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	**400**	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Nitrobenzene					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
N-Nitrosodimethylamine					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
N-Nitrosodi-n-propylamine					< 180	180	< 200	200	< 190	190	< 190	190	< 180	180	< 190	190
N-Nitrosodiphenylamine					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Pentachloronitrobenzene					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 240	240	< 230	230	< 230	230	< 220	220	< 230	230
Phenanthrene	1,000,000	100,000	100,000	100,000	**1,400**	250	**960**	280	< 270	270	**660**	260	**440**	260	**270**	270
Phenol	330	330	100,000	100,000	< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	**2,000**	250	**260**	280	**220**	270	**790**	260	**690**	260	**410**	270
Pyridine					< 250	250	< 280	280	< 270	270	< 260	260	< 260	260	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA Comp 3				FA Comp 4				FA Comp 5			
					(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
					5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
1,2,4-Trichlorobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
1,2-Diphenylhydrazine					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2,4,6-Trichlorophenol					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
2,4-Dichlorophenol					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
2,4-Dimethylphenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2,4-Dinitrophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2,4-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
2,6-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
2-Chloronaphthalene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2-Chlorophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2-Methylnaphthalene					**200**	250	< 260	260	**280**	260	< 270	270	< 260	260	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2-Nitroaniline					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
2-Nitrophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
3&4-Methylphenol (m&p-cresol)					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
3,3'-Dichlorobenzidine					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
3-Nitroaniline					< 360	360	< 370	370	< 380	380	< 380	380	< 370	370	< 400	400
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 230	230	< 230	230	< 220	220	< 240	240
4-Bromophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
4-Chloro-3-methylphenol					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
4-Chloroaniline					< 290	290	< 300	300	< 300	300	< 310	310	< 290	290	< 320	320
4-Chlorophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
4-Nitroaniline					< 360	360	< 370	370	< 380	380	< 380	380	< 370	370	< 400	400
4-Nitrophenol					< 360	360	< 370	370	< 380	380	< 380	380	< 370	370	< 400	400
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 260	260	**460**	260	**300**	270	< 260	260	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 260	260	**150**	260	< 270	270	< 260	260	< 280	280
Acetophenone					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Aniline					< 290	290	< 300	300	< 300	300	< 310	310	< 290	290	< 320	320
Anthracene	1,000,000	100,000	100,000	100,000	**210**	250	**200**	260	**850**	260	**360**	270	**150**	260	< 280	280
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	**680**	250	**660**	260	**1900**	260	**580**	270	**490**	260	< 280	280
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 360	360	< 370	370	< 380	380	< 380	380	< 370	370	< 400	400
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**720**	180	**770**	190	**1800**	190	**550**	190	**540**	180	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**810**	250	**750**	260	**1900**	260	**500**	270	**550**	260	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**460**	250	**510**	260	**1100**	260	**370**	270	**370**	260	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**660**	250	**680**	260	**1700**	260	**470**	270	**510**	260	< 280	280
Benzoic acid					< 1800	1800	< 1900	1900	< 1900	1900	< 1900	1900	< 1800	1800	< 2000	2000
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Bis(2-chloroethoxy)methane					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Bis(2-chloroethyl)ether					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
Bis(2-chloroisopropyl)ether					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Bis(2-ethylhexyl)phthalate					< 250	250	< 260	260	**110**	260	< 270	270	< 260	260	< 280	280
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					< 180	180	< 190	190	**220**	190	< 190	190	< 180	180	< 200	200
Chrysene	1,000	1,000	1,000	3,900	**1000**	250	**800**	260	**2400**	260	**690**	270	**660**	260	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	**140**	180	**140**	190	**320**	190	< 190	190	< 180	180	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	**110**	250	< 260	260	**330**	260	< 270	270	< 260	260	< 280	280
Diethyl phthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Dimethylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Di-n-butylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Di-n-octylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	**1100**	250	**1100**	260	**3400**	260	**1400**	270	**860**	260	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 250	250	**210**	260	**430**	260	**620**	270	< 260	260	< 280	280
Hexachlorobenzene					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
Hexachlorobutadiene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Hexachlorocyclopentadiene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Hexachloroethane					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**460**	250	**530**	260	**1100**	260	**380**	270	**380**	260	< 280	280
Isophorone					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	**200**	250	< 260	260	**350**	260	< 270	270	< 260	260	< 280	280
Nitrobenzene					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
N-Nitrosodimethylamine					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
N-Nitrosodi-n-propylamine					< 180	180	< 190	190	< 190	190	< 190	190	< 180	180	< 200	200
N-Nitrosodiphenylamine					< 250	250	**590**	260	< 260	260	< 270	270	< 260	260	< 280	280
Pentachloronitrobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 230	230	< 230	230	< 220	220	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	**1100**	250	**840**	260	**3200**	260	**1400**	270	**620**	260	< 280	280
Phenol	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	**1100**	250	**1100**	260	**3300**	260	**1300**	270	**820**	260	< 280	280
Pyridine					< 250	250	< 260	260	< 260	260	< 270	270	< 260	260	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA-BOT 1		FA-BOT 2		FA-Sidewall North		FA-Sidewall South		FA-Sidewall West		FA-Sidewall East	
					1/19/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
1,2,4-Trichlorobenzene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
1,2-Diphenylhydrazine					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2,4,6-Trichlorophenol					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
2,4-Dichlorophenol					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
2,4-Dimethylphenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2,4-Dinitrophenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2,4-Dinitrotoluene					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
2,6-Dinitrotoluene					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
2-Chloronaphthalene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2-Chlorophenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2-Methylnaphthalene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2-Nitroaniline					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
2-Nitrophenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
3&4-Methylphenol (m&p-cresol)					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
3,3'-Dichlorobenzidine					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
3-Nitroaniline					< 410	410	< 400	400	< 390	390	< 400	400	< 400	400	< 400	400
4,6-Dinitro-2-methylphenol					< 240	240	< 240	240	< 230	230	< 240	240	< 240	240	< 240	240
4-Bromophenyl phenyl ether					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
4-Chloro-3-methylphenol					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
4-Chloroaniline					< 330	330	< 320	320	< 310	310	< 320	320	< 320	320	< 320	320
4-Chlorophenyl phenyl ether					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
4-Nitroaniline					< 410	410	< 400	400	< 390	390	< 400	400	< 400	400	< 400	400
4-Nitrophenol					< 410	410	< 400	400	< 390	390	< 400	400	< 400	400	< 400	400
Acenaphthene	9,800	20,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Acetophenone					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Aniline					< 330	330	< 320	320	< 310	310	< 320	320	< 320	320	< 320	320
Anthracene	1,000,000	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 410	410	< 400	400	< 390	390	< 400	400	< 400	400	< 400	400
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Benzoic acid					< 2000	2,000	< 2000	2,000	< 1900	1,900	< 2000	2,000	< 2000	2,000	< 2000	2,000
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-chloroethoxy)methane					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-chloroethyl)ether					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Bis(2-chloroisopropyl)ether					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Bis(2-ethylhexyl)phthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Chrysene	1,000	1,000	1,000	3,900	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Diethyl phthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Dimethylphthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Di-n-butylphthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Di-n-octylphthalate					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	**210**	280	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Hexachlorobenzene					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Hexachlorobutadiene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Hexachlorocyclopentadiene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Hexachloroethane					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Isophorone					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Nitrobenzene					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
N-Nitrosodimethylamine					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
N-Nitrosodi-n-propylamine					< 200	200	< 200	200	< 190	190	< 200	200	< 200	200	< 200	200
N-Nitrosodiphenylamine					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Pentachloronitrobenzene					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 240	240	< 230	230	< 240	240	< 240	240	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	**140**	280	< 280	280
Phenol	330	330	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	< 290	290	< 280	280	< 270	270	< 280	280	**200**	280	< 280	280
Pyridine					< 290	290	< 280	280	< 270	270	< 280	280	< 280	280	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA-Sidewall Northeast		FA-Sidewall Southeast		FA-Sidewall Northwest		FA BOT #10		FA Sidewall #11		FA BOT #13	
											8-10 FT		6-8 FT		8-10 FT	
					1/19/2017		1/19/2017		1/19/2017		1/27/2017		1/27/2017		1/27/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
1,2,4-Trichlorobenzene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
1,2-Diphenylhydrazine					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2,4,6-Trichlorophenol					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
2,4-Dichlorophenol					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
2,4-Dimethylphenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2,4-Dinitrophenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2,4-Dinitrotoluene					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
2,6-Dinitrotoluene					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
2-Chloronaphthalene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2-Chlorophenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2-Methylnaphthalene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2-Nitroaniline					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
2-Nitrophenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
3&4-Methylphenol (m&p-cresol)					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
3,3'-Dichlorobenzidine					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
3-Nitroaniline					< 390	390	< 410	410	< 410	410	< 400	400	< 390	390	< 400	400
4,6-Dinitro-2-methylphenol					< 240	240	< 250	250	< 250	250	< 240	240	**92**	230	< 240	240
4-Bromophenyl phenyl ether					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
4-Chloro-3-methylphenol					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
4-Chloroaniline					< 310	310	< 330	330	< 330	330	< 320	320	< 310	310	< 320	320
4-Chlorophenyl phenyl ether					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
4-Nitroaniline					< 390	390	< 410	410	< 410	410	< 400	400	< 390	390	< 400	400
4-Nitrophenol					< 390	390	< 410	410	< 410	410	< 400	400	< 390	390	< 400	400
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Acetophenone					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Aniline					< 310	310	< 330	330	< 330	330	< 320	320	< 310	310	< 320	320
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 390	390	< 410	410	< 410	410	< 400	400	< 390	390	< 400	400
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Benzoic acid					< 2000	2,000	< 2100	2,100	< 2100	2,100	< 2000	2,000	< 2000	2,000	< 2000	2,000
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Bis(2-chloroethoxy)methane					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Bis(2-chloroethyl)ether					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Bis(2-chloroisopropyl)ether					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Bis(2-ethylhexyl)phthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Chrysene	1,000	1,000	1,000	3,900	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Diethyl phthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Dimethylphthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Di-n-butylphthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Di-n-octylphthalate					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Hexachlorobenzene					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Hexachlorobutadiene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Hexachlorocyclopentadiene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Hexachloroethane					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Isophorone					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Nitrobenzene					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
N-Nitrosodimethylamine					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
N-Nitrosodi-n-propylamine					< 200	200	< 210	210	< 210	210	< 200	200	< 200	200	< 200	200
N-Nitrosodiphenylamine					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Pentachloronitrobenzene					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 250	250	< 250	250	< 240	240	< 230	230	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Phenol	330	330	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280
Pyridine					< 270	270	< 290	290	< 290	290	< 280	280	< 270	270	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
					FA Sidewall #14		FA BOT #16		FA Sidewall #18		FA Sidewall #19		Sidewall #21		Sidewall #22	
					6-8 FT		8-10 FT		6-8 FT		6-8 FT		6-8 FT		6-8 FT	
					1/27/2017		1/27/2017		1/27/2017		1/27/2017		7/31/2017		7/31/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
1,2,4-Trichlorobenzene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1100	1,100	< 280	280
1,2-Diphenylhydrazine					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2,4,6-Trichlorophenol					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
2,4-Dichlorophenol					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
2,4-Dimethylphenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2,4-Dinitrophenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2,4-Dinitrotoluene					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
2,6-Dinitrotoluene					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
2-Chloronaphthalene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2-Chlorophenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2-Methylnaphthalene					< 270	270	< 290	290	< 290	290	**1,600**	270	< 1300	1,300	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 330	330	< 280	280
2-Nitroaniline					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
2-Nitrophenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
3&4-Methylphenol (m&p-cresol)					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
3,3'-Dichlorobenzidine					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
3-Nitroaniline					< 390	390	< 420	420	< 410	410	< 380	380	< 1900	1,900	< 410	410
4,6-Dinitro-2-methylphenol					< 240	240	< 250	250	**210**	250	< 230	230	< 1200	1,200	< 240	240
4-Bromophenyl phenyl ether					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
4-Chloro-3-methylphenol					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
4-Chloroaniline					< 310	310	< 340	340	< 330	330	< 310	310	< 1500	1,500	< 320	320
4-Chlorophenyl phenyl ether					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
4-Nitroaniline					< 390	390	< 420	420	< 410	410	< 380	380	< 1900	1,900	< 410	410
4-Nitrophenol					< 390	390	< 420	420	< 410	410	< 380	380	< 1900	1,900	< 410	410
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Acetophenone					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Aniline					< 310	310	< 340	340	< 330	330	< 310	310	< 1500	1,500	< 320	320
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Atrazine					-	-	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1000	1,000	< 280	280
Benzaldehyde					-	-	-	-	-	-	-	-	-	-	-	-
Benzidine					< 390	390	< 420	420	< 410	410	< 380	380	< 1900	1,900	< 410	410
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1000	1,000	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 290	290	< 290	290	< 270	270	< 800	800	< 280	280
Benzoic acid					< 2000	2,000	< 2100	2,100	< 2100	2,100	< 1900	1,900	< 9600	9,600	< 2000	2,000
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Bis(2-chloroethoxy)methane					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Bis(2-chloroethyl)ether					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
Bis(2-chloroisopropyl)ether					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Bis(2-ethylhexyl)phthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Caprolactam					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
Chrysene	1,000	1,000	1,000	3,900	< 270	270	< 290	290	< 290	290	< 270	270	< 1000	1,000	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 210	210	< 210	210	< 190	190	< 330	330	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 290	290	< 290	290	< 270	270	< 330	330	< 280	280
Diethyl phthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Dimethylphthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Di-n-butylphthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Di-n-octylphthalate					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 290	290	< 290	290	**210**	270	**690**	1,300	< 280	280
Hexachlorobenzene					< 200	200	< 210	210	< 210	210	< 190	190	< 330	330	< 200	200
Hexachlorobutadiene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Hexachlorocyclopentadiene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Hexachloroethane					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 290	290	< 290	290	< 270	270	< 500	500	< 280	280
Isophorone					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 290	290	< 290	290	**740**	270	< 1300	1,300	< 280	280
Nitrobenzene					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
N-Nitrosodimethylamine					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
N-Nitrosodi-n-propylamine					< 200	200	< 210	210	< 210	210	< 190	190	< 960	960	< 200	200
N-Nitrosodiphenylamine					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Pentachloronitrobenzene					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 250	250	< 250	250	< 230	230	< 800	800	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	**300**	270	< 1300	1,300	< 280	280
Phenol	330	330	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 330	330	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280
Pyridine					< 270	270	< 290	290	< 290	290	< 270	270	< 1300	1,300	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	WC - Former Fueling Area HS				WC - D3 Stockpile		WC - E2 Stockpile			
					Sidewall #23		#21 BOT		D3 Stockpile Comp		E2 Stockpile Comp			
					6-8 FT		8-10 FT		(0-2')		(0-2')		(2-3')	
					7/31/2017		7/31/2017		4/24/2018		4/24/2018		4/24/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
1,2,4-Trichlorobenzene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
1,2-Diphenylhydrazine					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2,3,4,6-tetrachlorophenol					-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2,4,6-Trichlorophenol					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
2,4-Dichlorophenol					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
2,4-Dimethylphenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2,4-Dinitrophenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2,4-Dinitrotoluene					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
2,6-Dinitrotoluene					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
2-Chloronaphthalene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2-Chlorophenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2-Methylnaphthalene					< 270	270	< 280	280	**110**	240	**130**	250	**290**	240
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2-Nitroaniline					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
2-Nitrophenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
3&4-Methylphenol (m&p-cresol)					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
3,3'-Dichlorobenzidine					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
3-Nitroaniline					< 390	390	< 390	390	< 340	340	< 360	360	< 340	340
4,6-Dinitro-2-methylphenol					< 230	230	< 240	240	< 200	200	< 220	220	< 210	210
4-Bromophenyl phenyl ether					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
4-Chloro-3-methylphenol					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
4-Chloroaniline					< 310	310	< 310	310	< 270	270	< 290	290	< 270	270
4-Chlorophenyl phenyl ether					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
4-Nitroaniline					< 390	390	< 390	390	< 340	340	< 360	360	< 340	340
4-Nitrophenol					< 390	390	< 390	390	< 340	340	< 360	360	< 340	340
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 280	280	**150**	240	**190**	250	**1,100**	240
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 280	280	**670**	240	**370**	250	**120**	240
Acetophenone					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Aniline					< 310	310	< 310	310	< 270	270	< 290	290	< 270	270
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 280	280	**910**	240	**780**	250	**2,000**	240
Atrazine					-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	< 280	280	**2,100**	240	**2,000**	250	**5,100**	240
Benzaldehyde					-	-	-	-	-	-	-	-	-	-
Benzidine					< 390	390	< 390	390	< 340	340	< 360	360	< 340	340
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 190	190	< 200	200	**2,400**	170	**1,900**	180	**3,900**	170
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	< 280	280	**2,600**	240	**1,700**	250	**3,600**	240
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 280	280	**1,300**	240	**1,200**	250	**1,300**	240
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 280	280	**2,100**	240	**1,700**	250	**3,400**	240
Benzoic acid					< 1900	1,900	< 2000	2,000	< 1700	1,700	< 1800	1,800	< 1700	1,700
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 270	270	< 280	280	**2,700**	240	**120**	250	< 240	240
Bis(2-chloroethoxy)methane					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Bis(2-chloroethyl)ether					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
Bis(2-chloroisopropyl)ether					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Bis(2-ethylhexyl)phthalate					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Caprolactam					-	-	-	-	-	-	-	-		
Carbazole					< 190	190	< 200	200	**260**	170	**250**	180	**690**	170
Chrysene	1,000	1,000	1,000	3,900	< 270	270	< 280	280	**2,300**	240	**1,900**	250	**5,200**	240
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 190	190	< 200	200	**250**	170	**240**	180	**360**	170
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 280	280	**160**	240	**220**	250	**480**	240
Diethyl phthalate					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Dimethylphthalate					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Di-n-butylphthalate					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Di-n-octylphthalate					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	< 280	280	**4,000**	240	**3,900**	250	**9,700**	2,400
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 280	280	**200**	240	**320**	250	**860**	240
Hexachlorobenzene					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
Hexachlorobutadiene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Hexachlorocyclopentadiene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Hexachloroethane					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 280	280	**1,600**	240	**1,500**	250	**1,800**	240
Isophorone					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 280	280	< 240	240	**160**	250	< 240	240
Nitrobenzene					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
N-Nitrosodimethylamine					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
N-Nitrosodi-n-propylamine					< 190	190	< 200	200	< 170	170	< 180	180	< 170	170
N-Nitrosodiphenylamine					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Pentachloronitrobenzene					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Pentachlorophenol	800	800	2,400	6,700	< 230	230	< 240	240	< 200	200	< 220	220	< 210	210
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	< 280	280	**2,100**	240	**2,800**	250	**8,800**	2,400
Phenol	330	330	100,000	100,000	< 270	270	< 280	280	< 240	240	< 250	250	< 240	240
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	< 280	280	**3,700**	240	**3,400**	250	**9,900**	2,400
Pyridine					< 270	270	< 280	280	< 240	240	< 250	250	< 240	240

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar									
					Red Comp									
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
1,2,4,5-Tetrachlorobenzene					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine					-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	-	-	-	-	-	-	-	-	-	-
2,3,4,6-tetrachlorophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2,4,5-Trichlorophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2,4,6-Trichlorophenol					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
2,4-Dichlorophenol					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
2,4-Dimethylphenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2,4-Dinitrophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2,4-Dinitrotoluene					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
2,6-Dinitrotoluene					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
2-Chloronaphthalene					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2-Chlorophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2-Methylnaphthalene					**290**	260	< 260	260	< 270	270	< 290	290	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2-Nitroaniline					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
2-Nitrophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
3&4-Methylphenol (m&p-cresol)					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
3,3'-Dichlorobenzidine					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
3-Nitroaniline					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
4,6-Dinitro-2-methylphenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
4-Bromophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
4-Chloro-3-methylphenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
4-Chloroaniline					< 740	740	< 730	730	< 770	770	< 820	820	< 730	730
4-Chlorophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
4-Nitroaniline					< 120	120	< 120	120	< 130	130	< 140	140	< 120	120
4-Nitrophenol					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Acenaphthene	9,800	20,000	100,000	100,000	**770**	260	< 260	260	< 270	270	< 290	290	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
Acetophenone					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Aniline					-	-	-	-	-	-	-	-	-	-
Anthracene	1,000,000	100,000	100,000	100,000	**1,900**	260	< 260	260	< 270	270	< 290	290	< 260	260
Atrazine					< 130	130	< 130	130	< 130	130	< 130	130	< 130	130
Benz(a)anthracene	1,000	1,000	1,000	1,000	**3,400**	260	**140**	260	< 270	270	< 290	290	< 260	260
Benzaldehyde					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Benzidine					-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**2,800**	150	**270**	150	< 150	150	< 160	160	< 150	150
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**2,600**	260	**180**	260	< 270	270	< 290	290	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**1,400**	260	**300**	260	< 270	270	< 290	290	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**2,500**	260	**170**	260	< 270	270	< 290	290	< 260	260
Benzoic acid					-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Bis(2-chloroethoxy)methane					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Bis(2-chloroethyl)ether					< 99	99	< 99	99	< 100	100	< 110	110	< 99	99
Bis(2-chloroisopropyl)ether					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Bis(2-ethylhexyl)phthalate					**170**	260	< 260	260	< 270	270	< 290	290	< 260	260
Caprolactam					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Carbazole					**870**	260	< 260	260	< 270	270	< 290	290	< 260	260
Chrysene	1,000	1,000	1,000	3,900	**3,200**	260	**140**	260	< 270	270	< 290	290	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	**400**	150	< 150	150	< 150	150	< 160	160	< 150	150
Dibenzofuran	210,000	7,000	59,000	59,000	**610**	260	< 260	260	< 270	270	< 290	290	< 260	260
Diethyl phthalate					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Dimethylphthalate					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Di-n-butylphthalate					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Di-n-octylphthalate					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**6,600**	260	**250**	260	< 270	270	< 290	290	< 260	260
Fluorene	386,000	30,000	100,000	100,000	**950**	260	< 260	260	< 270	270	< 290	290	< 260	260
Hexachlorobenzene					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
Hexachlorobutadiene					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Hexachlorocyclopentadiene					< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Hexachloroethane					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,700**	260	**340**	260	< 270	270	< 290	290	< 260	260
Isophorone					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
Naphthalene	12,000	12,000	100,000	100,000	**730**	260	< 260	260	< 270	270	< 290	290	< 260	260
Nitrobenzene					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
N-Nitrosodimethylamine					< 100	100	< 100	100	< 110	110	< 120	120	< 100	100
N-Nitrosodi-n-propylamine					< 120	120	< 120	120	< 120	120	< 130	130	< 120	120
N-Nitrosodiphenylamine					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
Pentachloronitrobenzene					-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Phenanthrene	1,000,000	100,000	100,000	100,000	**6,100**	150	**190**	150	< 150	150	< 160	160	< 150	150
Phenol	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 290	290	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**5,400**	260	**240**	260	< 270	270	< 290	290	< 260	260
Pyridine					< 220	220	< 220	220	< 220	220	< 220	220	< 220	220

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar									
					Blue Comp									
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,2,4,5-Tetrachlorobenzene					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine					-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	-	-	-	-	-	-	-	-	-	-
2,3,4,6-tetrachlorophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4,5-Trichlorophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4,6-Trichlorophenol					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
2,4-Dichlorophenol					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
2,4-Dimethylphenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4-Dinitrophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4-Dinitrotoluene					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
2,6-Dinitrotoluene					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
2-Chloronaphthalene					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Chlorophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Methylnaphthalene					**350**	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Nitroaniline					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Nitrophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
3&4-Methylphenol (m&p-cresol)					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
3,3'-Dichlorobenzidine					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
3-Nitroaniline					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4,6-Dinitro-2-methylphenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Bromophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Chloro-3-methylphenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Chloroaniline					< 740	740	< 750	750	< 780	780	< 770	770	< 780	780
4-Chlorophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Nitroaniline					< 120	120	< 130	130	< 130	130	< 130	130	< 130	130
4-Nitrophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Acenaphthene	9,800	20,000	100,000	100,000	**620**	260	< 260	260	< 270	270	< 270	270	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	**500**	150	< 150	150	< 160	160	< 150	150	< 160	160
Acetophenone					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Aniline					-	-	-	-	-	-	-	-	-	-
Anthracene	1,000,000	100,000	100,000	100,000	**1,400**	260	< 260	260	< 270	270	< 270	270	< 270	270
Atrazine					< 130	130	< 130	130	< 130	130	< 130	130	< 130	130
Benz(a)anthracene	1,000	1,000	1,000	1,000	**4,300**	260	**380**	260	< 270	270	< 270	270	< 270	270
Benzaldehyde					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Benzidine					-	-	-	-						
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**3,900**	150	**500**	150	< 160	160	< 150	150	< 160	160
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**3,600**	260	**390**	260	< 270	270	< 270	270	< 270	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**2,500**	260	**490**	260	< 270	270	< 270	270	< 270	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**3,000**	260	**340**	260	< 270	270	< 270	270	< 270	270
Benzoic acid					-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					**110**	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-chloroethoxy)methane					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-chloroethyl)ether					< 100	100	< 100	100	< 110	110	< 100	100	< 110	110
Bis(2-chloroisopropyl)ether					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-ethylhexyl)phthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Caprolactam					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Carbazole					**610**	260	< 260	260	< 270	270	< 270	270	< 270	270
Chrysene	1,000	1,000	1,000	3,900	**4,400**	260	**410**	260	< 270	270	< 270	270	< 270	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	**630**	150	< 150	150	< 160	160	< 150	150	< 160	160
Dibenzofuran	210,000	7,000	59,000	59,000	**480**	260	< 260	260	< 270	270	< 270	270	< 270	270
Diethyl phthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Dimethylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Di-n-butylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Di-n-octylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	**8,900**	2,600	**750**	260	< 270	270	< 270	270	< 270	270
Fluorene	386,000	30,000	100,000	100,000	**650**	260	< 260	260	< 270	270	< 270	270	< 270	270
Hexachlorobenzene					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
Hexachlorobutadiene					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Hexachlorocyclopentadiene					< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Hexachloroethane					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**2,800**	260	**510**	260	< 270	270	< 270	270	< 270	270
Isophorone					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
Naphthalene	12,000	12,000	100,000	100,000	**700**	260	< 260	260	< 270	270	< 270	270	< 270	270
Nitrobenzene					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
N-Nitrosodimethylamine					< 100	100	< 110	110	< 110	110	< 110	110	< 110	110
N-Nitrosodi-n-propylamine					< 120	120	< 120	120	< 130	130	< 120	120	< 130	130
N-Nitrosodiphenylamine					< 150	150	< 150	150	< 160	160	< 150	150	< 160	160
Pentachloronitrobenzene					-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	800	2,400	6,700	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Phenanthrene	1,000,000	100,000	100,000	100,000	**6,500**	150	**490**	150	< 160	160	< 150	150	< 160	160
Phenol	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	**8,500**	2,600	**710**	260	< 270	270	< 270	270	< 270	270
Pyridine					< 220	220	< 220	220	< 220	220	< 220	220	< 220	220

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

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Former Consolidated Freightways Truck Terminal
11 West Street,
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Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar										WC - B4 Stockpile	
					Yellow Comp										B4 Comp	
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-2')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		7/5/2018	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	-	-
1,2,4,5-Tetrachlorobenzene					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-	< 240	240
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	< 240	240
1,2-Diphenylhydrazine					-	-	-	-	-	-	-	-	-	-	< 240	240
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	-	-	-	-	-	-	-	-	-	-	< 240	240
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	-	-	-	-	-	-	-	-	-	-	< 240	240
2,3,4,6-tetrachlorophenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	-	-
2,4,5-Trichlorophenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2,4,6-Trichlorophenol					< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
2,4-Dichlorophenol					< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
2,4-Dimethylphenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2,4-Dinitrophenol					< 250	250	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2,4-Dinitrotoluene					< 140	140	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
2,6-Dinitrotoluene					< 700	700	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
2-Chloronaphthalene					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2-Chlorophenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2-Methylnaphthalene					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**170**	240
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2-Nitroaniline					< 250	250	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
2-Nitrophenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
3&4-Methylphenol (m&p-cresol)					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
3,3'-Dichlorobenzidine					< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
3-Nitroaniline					< 250	250	< 260	260	< 280	280	< 290	290	< 280	280	< 350	350
4,6-Dinitro-2-methylphenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 210	210
4-Bromophenyl phenyl ether					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
4-Chloro-3-methylphenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
4-Chloroaniline					< 3700	3,700	< 730	730	< 790	790	< 840	840	< 790	790	< 280	280
4-Chlorophenyl phenyl ether					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
4-Nitroaniline					< 120	120	< 120	120	< 130	130	< 140	140	< 130	130	< 350	350
4-Nitrophenol					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 350	350
Acenaphthene	9,800	20,000	100,000	100,000	< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**340**	240
Acenaphthylene	10,700	100,000	100,000	100,000	< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	**530**	240
Acetophenone					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Aniline					-	-	-	-	-	-	-	-	-	-	< 280	280
Anthracene	1,000,000	100,000	100,000	100,000	< 1300	1,300	**180**	260	< 280	280	< 290	290	< 280	280	**1,100**	240
Atrazine					< 130	130	< 130	130	< 130	130	< 130	130	< 130	130	-	-
Benz(a)anthracene	1,000	1,000	1,000	1,000	**770**	1,300	**330**	260	**170**	280	< 290	290	< 280	280	**2,500**	240
Benzaldehyde					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	-	-
Benzidine					-	-	-	-							< 350	350
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**870**	730	**310**	150	**150**	160	< 170	170	< 160	160	**2,600**	170
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**940**	1,300	**290**	260	**170**	280	< 290	290	< 280	280	**2,400**	240
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 1300	1,300	**290**	260	< 280	280	< 290	290	< 280	280	**1,600**	240
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 1300	1,300	**270**	260	**130**	280	< 290	290	< 280	280	**2,200**	240
Benzoic acid					-	-	-	-	-	-	-	-	-	-	< 1700	1,700
Benzyl Alcohol					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Bis(2-chloroethoxy)methane					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Bis(2-chloroethyl)ether					< 96	96	< 98	98	< 110	110	< 110	110	< 110	110	< 170	170
Bis(2-chloroisopropyl)ether					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Bis(2-ethylhexyl)phthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Caprolactam					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	-	-
Carbazole					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**350**	170
Chrysene	1,000	1,000	1,000	3,900	**910**	1,300	**340**	260	**180**	280	< 290	290	< 280	280	**3,000**	240
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 470	470	< 150	150	< 160	160	< 170	170	< 160	160	**520**	170
Dibenzofuran	210,000	7,000	59,000	59,000	< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**340**	240
Diethyl phthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Dimethylphthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Di-n-butylphthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Di-n-octylphthalate					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Fluoranthene	1,000,000	100,000	100,000	100,000	**1,500**	1,300	**640**	260	**380**	280	< 290	290	< 280	280	**4,900**	240
Fluorene	386,000	30,000	100,000	100,000	< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**380**	240
Hexachlorobenzene					< 140	140	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
Hexachlorobutadiene					< 1200	1,200	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Hexachlorocyclopentadiene					< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Hexachloroethane					< 560	560	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 1300	1,300	**290**	260	< 280	280	< 290	290	< 280	280	**1,800**	240
Isophorone					< 730	730	**150**	150	< 160	160	< 170	170	< 160	160	< 170	170
Naphthalene	12,000	12,000	100,000	100,000	< 1300	1,300	< 260	260	< 280	280	< 290	290	< 280	280	**350**	240
Nitrobenzene					< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	< 170	170
N-Nitrosodimethylamine					< 100	100	< 100	100	< 110	110	< 120	120	< 110	110	< 240	240
N-Nitrosodi-n-propylamine					< 120	120	< 120	120	< 130	130	< 140	140	< 130	130	< 170	170
N-Nitrosodiphenylamine					< 730	730	< 150	150	< 160	160	< 170	170	< 160	160	< 240	240
Pentachloronitrobenzene					-	-	-	-	-	-	-	-	-	-	< 240	240
Pentachlorophenol	800	800	2,400	6,700	< 800	800	< 260	260	< 280	280	< 290	290	< 280	280	< 210	210
Phenanthrene	1,000,000	100,000	100,000	100,000	**950**	730	**480**	150	**230**	160	< 170	170	< 160	160	**3,100**	240
Phenol	330	330	100,000	100,000	< 250	250	< 260	260	< 280	280	< 290	290	< 280	280	< 240	240
Pyrene	1,000,000	100,000	100,000	100,000	**1,500**	1,300	**610**	260	**340**	280	< 290	290	< 280	280	**4,900**	240
Pyridine					< 220	220	< 220	220	< 220	220	< 220	220	< 220	220	< 240	240

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 14
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Waterfront										WC - Sewer			
					SB Comp		SB Comp		Shorefront North Comp		Waterfront North Comp		Shoreline North Comp		Sewer Stockpile Comp 2		Sewer Stockpile Comp 1	
					(0-5')		(5-10')											
					8/17/2018		8/17/2018		8/24/2018		8/29/2018		8/29/2018		8/19/2019		8/13/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1-Biphenyl					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
1,2,4,5-Tetrachlorobenzene					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine					< 360	360	< 400	400	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-tetrachlorophenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
2,4-Dichlorophenol					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
2,4-Dimethylphenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2,4-Dinitrophenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2,4-Dinitrotoluene					< 140	140	< 160	160	< 160	160	< 140	140	< 200	200	< 150	150	< 150	150
2,6-Dinitrotoluene					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
2-Chloronaphthalene					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2-Chlorophenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
2-Methylnaphthalene					< 250	250	**160**	280	< 270	270	**170**	250	< 370	370	**310**	260	**270**	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 280	280	< 270	270	< 250	250	< 330	330	< 260	260	< 260	260
2-Nitroaniline					< 100	100	< 100	100	< 270	270	< 250	250	< 370	370	< 100	100	< 260	260
2-Nitrophenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
3&4-Methylphenol (m&p-cresol)					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
3-Nitroaniline					< 91	91	< 91	91	< 91	91	< 91	91	< 110	110	< 91	91	< 740	740
4,6-Dinitro-2-methylphenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
4-Bromophenyl phenyl ether					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
4-Chloroaniline					< 720	720	< 800	800	< 780	780	< 720	720	< 1100	1,100	< 730	730	< 740	740
4-Chlorophenyl phenyl ether					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
4-Nitroaniline					< 86	86	< 86	86	< 86	86	< 86	86	< 110	110	< 86	86	< 1900	1,900
4-Nitrophenol					< 360	360	< 400	400	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	**620**	260	**350**	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 140	140	**140**	160	< 160	160	< 140	140	< 210	210	**390**	150	< 150	150
Acetophenone					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Aniline					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	1,000,000	100,000	100,000	100,000	**140**	250	**310**	280	< 270	270	**170**	250	< 370	370	**1,400**	260	**160**	260
Atrazine					< 130	130	< 130	130	< 130	130	< 130	130	< 130	130	< 130	130	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**400**	250	**730**	280	**140**	270	**670**	250	< 370	370	**4,200**	260	**330**	260
Benzaldehyde					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Benzidine					< 250	250	< 280	280	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**390**	140	**700**	160	**150**	160	**670**	140	**170**	210	**4,000**	150	**330**	150
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**560**	250	**960**	280	**200**	270	**910**	250	**200**	370	**4,300**	260	**300**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**340**	250	**560**	280	**130**	270	**400**	250	< 370	370	**1,900**	260	**300**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**190**	250	**310**	280	< 270	270	**300**	250	< 370	370	**2,800**	260	**310**	260
Benzoic acid					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol					< 360	360	< 400	400	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 72	72	< 80	80	< 78	78	< 72	72	< 110	110	< 73	73	< 150	150
Bis(2-chloroisopropyl)ether					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Caprolactam					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Carbazole					< 180	180	< 200	200	< 270	270	< 250	250	< 370	370	**680**	260	< 260	260
Chrysene	1,000	1,000	1,000	3,900	**500**	250	**890**	280	**150**	270	**800**	250	< 370	370	**4,600**	260	**340**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 140	140	**140**	160	< 160	160	**130**	140	< 210	210	**520**	150	< 150	150
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 280	280	< 270	270	< 250	250	< 330	330	**610**	260	**310**	260
Diethyl phthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Dimethylphthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Di-n-butylphthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Di-n-octylphthalate					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**830**	250	**1,600**	280	**220**	270	**980**	250	**220**	370	**9,600**	2600	**720**	260
Fluorene	386,000	30,000	100,000	100,000	< 250	250	**150**	280	< 270	270	< 250	250	< 370	370	**740**	260	**340**	260
Hexachlorobenzene					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
Hexachlorobutadiene					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Hexachloroethane					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**280**	250	**460**	280	< 270	270	**340**	250	< 370	370	**2,200**	260	**270**	260
Isophorone					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	**220**	280	< 270	270	**160**	250	< 370	370	**530**	260	**190**	260
Nitrobenzene					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
N-Nitrosodimethylamine					< 72	72	< 80	80	< 78	78	< 72	72	< 110	110	< 73	73	< 260	260
N-Nitrosodi-n-propylamine					< 72	72	< 80	80	< 78	78	< 72	72	< 110	110	< 73	73	< 150	150
N-Nitrosodiphenylamine					< 140	140	< 160	160	< 160	160	< 140	140	< 210	210	< 150	150	< 150	150
Pentachloronitrobenzene					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	800	2,400	6,700	< 250	250	< 280	280	< 270	270	< 250	250	< 370	370	< 260	260	< 260	260
Phenanthrene	1,000,000	100,000	100,000	100,000	**560**	140	**1,300**	160	**140**	160	**1,000**	140	**190**	210	**9,300**	1500	**830**	150
Phenol	330	330	100,000	100,000	< 250	250	< 280	280	< 270	270	< 250	250	< 330	330	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**800**	250	**1,600**	280	**210**	270	**910**	250	**190**	370	**7,300**	260	**650**	260
Pyridine					< 220	220	< 220	220	< 220	220	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock											
						Comp A		Comp B		Comp C		Comp D		Comp E		Comp F	
						(0-5')		(0-5')		(0-5')		(0-5')		(0-5')		(0-5')	
						12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	**5.2**	2.2	< 2.2	2.2	**7.3**	2.2	**5.7**	2.2	< 2.2	2.2	**9.3**	2.2
	4,4' -DDE	17,000	3.3	1,800	8,900	**4.5**	2.2	< 3.0	3.0	**7.4**	2.2	**2.9**	2.2	< 2.2	2.2	< 2.2	2.2
	4,4' -DDT	136,000	3.3	1,700	7,900	**9.5**	2.2	< 2.2	2.2	**14**	2.2	**9.4**	2.2	< 3.0	3.0	**10**	2.2
	a-BHC	20	20	97	480	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	A-Chlordane	2,900	94	910	4,200	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.6	3.6
	Aldrin	190	5	19	97	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.6	3.6
	b-BHC	90	36	72	360	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 20	20
	Chlordane					< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	d-BHC	250	40	100,000	100,000	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Dieldrin	100	5	39	200	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 3.6	3.6
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 10	10
	Endrin	60	14	2,200	11,000	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Endrin aldehyde					< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Endrin ketone					< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
	g-chlordane					< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6	< 3.7	3.7	< 5.0	5.0
	Heptachlor	380	42	420	2,100	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Heptachlor epoxide					< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.2	7.2	< 7.4	7.4	< 7.2	7.2
	Methoxychlor					< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	Toxaphene					< 150	150	< 150	150	< 150	150	< 140	140	< 150	150	< 140	140
PCBs	PCB-1016		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1221		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1232		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1242		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1248		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1254		100	1,000		< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1260		100	1,000		**84**	37	**55**	37	< 37	37	< 36	36	**42**	37	< 36	36
	PCB-1262					< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
	PCB-1268					< 37	37	< 37	37	< 37	37	< 36	36	< 37	37	< 36	36
Chlorinated Herbicicdes	2,4,5-T					-	-	-	-	-	-	-	-	-	-	-	-
	2,4,5-TP (Silvex)					-	-	-	-	-	-	-	-	-	-	-	-
	2,4-D					-	-	-	-	-	-	-	-	-	-	-	-
	2,4-DB					-	-	-	-	-	-	-	-	-	-	-	-
	Dalapon					-	-	-	-	-	-	-	-	-	-	-	-
	Dicamba					-	-	-	-	-	-	-	-	-	-	-	-
	Dichloroprop					-	-	-	-	-	-	-	-	-	-	-	-
	Dinoseb					-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock										WS - Former Fueling Area HS			
						Comp G		Comp H		WC A1 Comp		WC A2 Comp		WC B1 Comp		FA Comp 1			
						(0-5')		(0-5')								(0-5')		(5-10')	
						12/11/2015		12/11/2015		3/28/2017		3/28/2017		3/28/2017		5/2/2017		5/2/2017	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	**2.9**	2.2	< 2.2	2.2	-	-	-	-	-	-	-	-	-	-
	4,4' -DDE	17,000	3.3	1,800	8,900	**5.6**	2.2	< 3.0	3.0	-	-	-	-	-	-	-	-	-	-
	4,4' -DDT	136,000	3.3	1,700	7,900	**8.4**	2.2	**6.2**	2.2	-	-	-	-	-	-	-	-	-	-
	a-BHC	20	20	97	480	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	A-Chlordane	2,900	94	910	4,200	< 3.7	3.7	< 3.7	3.7	-	-	-	-	-	-	-	-	-	-
	Aldrin	190	5	19	97	< 3.7	3.7	< 3.7	3.7	-	-	-	-	-	-	-	-	-	-
	b-BHC	90	36	72	360	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Chlordane					< 37	37	< 37	37	-	-	-	-	-	-	-	-	-	-
	d-BHC	250	40	100,000	100,000	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Dieldrin	100	5	39	200	< 3.7	3.7	< 3.7	3.7	-	-	-	-	-	-	-	-	-	-
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Endrin	60	14	2,200	11,000	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Endrin aldehyde					< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Endrin ketone					< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.5	1.5	-	-	-	-	-	-	-	-	-	-
	g-chlordane					< 3.7	3.7	< 3.7	3.7	-	-	-	-	-	-	-	-	-	-
	Heptachlor	380	42	420	2,100	< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Heptachlor epoxide					< 7.3	7.3	< 7.4	7.4	-	-	-	-	-	-	-	-	-	-
	Methoxychlor					< 37	37	< 37	37	-	-	-	-	-	-	-	-	-	-
	Toxaphene					< 150	150	< 150	150	-	-	-	-	-	-	-	-	-	-
PCBs	PCB-1016		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1221		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1232		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1242		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1248		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1254		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1260		100	1,000		< 37	37	< 37	37	< 76	76	< 74	74	**240**	75	< 76	76	< 76	76
	PCB-1262					< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
	PCB-1268					< 37	37	< 37	37	< 76	76	< 74	74	< 75	75	< 76	76	< 76	76
Chlorinated Herbicides	2,4,5-T					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2,4,5-TP (Silvex)					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2,4-D					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2,4-DB					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dalapon					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dicamba					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dichloroprop					-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dinoseb					-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot											
						FA Comp 2				FA Comp 3				FA Comp 4			
						(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
						5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	-	-	-	-	-	-	-	-	-	-	-	-
	4,4' -DDE	17,000	3.3	1,800	8,900	-	-	-	-	-	-	-	-	-	-	-	-
	4,4' -DDT	136,000	3.3	1,700	7,900	-	-	-	-	-	-	-	-	-	-	-	-
	a-BHC	20	20	97	480	-	-	-	-	-	-	-	-	-	-	-	-
	A-Chlordane	2,900	94	910	4,200	-	-	-	-	-	-	-	-	-	-	-	-
	Aldrin	190	5	19	97	-	-	-	-	-	-	-	-	-	-	-	-
	b-BHC	90	36	72	360	-	-	-	-	-	-	-	-	-	-	-	-
	Chlordane					-	-	-	-	-	-	-	-	-	-	-	-
	d-BHC	250	40	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	100	5	39	200	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan I	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan II	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin	60	14	2,200	11,000	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin aldehyde					-	-	-	-	-	-	-	-	-	-	-	-
	Endrin ketone					-	-	-	-	-	-	-	-	-	-	-	-
	g-BHC	100	100	280	1,300	-	-	-	-	-	-	-	-	-	-	-	-
	g-chlordane					-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor	380	42	420	2,100	-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor epoxide					-	-	-	-	-	-	-	-	-	-	-	-
	Methoxychlor					-	-	-	-	-	-	-	-	-	-	-	-
	Toxaphene					-	-	-	-	-	-	-	-	-	-	-	-
PCBs	PCB-1016		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1221		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1232		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1242		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1248		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1254		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1260		100	1,000		< 74	74	< 76	76	< 73	73	< 77	77	**100**	74	< 78	78
	PCB-1262					< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
	PCB-1268					< 74	74	< 76	76	< 73	73	< 77	77	< 74	74	< 78	78
Chlorinated Herbicicdes	2,4,5-T					-	-	-	-	-	-	-	-	-	-	-	-
	2,4,5-TP (Silvex)					-	-	-	-	-	-	-	-	-	-	-	-
	2,4-D					-	-	-	-	-	-	-	-	-	-	-	-
	2,4-DB					-	-	-	-	-	-	-	-	-	-	-	-
	Dalapon					-	-	-	-	-	-	-	-	-	-	-	-
	Dicamba					-	-	-	-	-	-	-	-	-	-	-	-
	Dichloroprop					-	-	-	-	-	-	-	-	-	-	-	-
	Dinoseb					-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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11 West Street,
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	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	WC - Former Fueling Area Hotspot								WC - D3 Stockpile		WC - E2 Stockpile			
						FA Comp 5				Comp				D3 Stockpile Comp		E2Stockpile Comp			
						(0-5')		(5-10')		(0-5')		(5-10')		(0-2')		(0-2')		(2-3')	
						5/2/2017		5/2/2017		1/19/2017		1/19/2017		4/24/2018		4/24/2018		4/24/2018	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	-	-	-	-	-	-	-	-	< 2.1	2.1	< 2.2	2.2	< 3.3	3.3
	4,4' -DDE	17,000	3.3	1,800	8,900	-	-	-	-	-	-	-	-	**14**	2.1	**5**	2.2	< 3.0	3.0
	4,4' -DDT	136,000	3.3	1,700	7,900	-	-	-	-	-	-	-	-	**22**	2.1	**6.5**	2.2	< 3.3	3.3
	a-BHC	20	20	97	480	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	A-Chlordane	2,900	94	910	4,200	-	-	-	-	-	-	-	-	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5
	Aldrin	190	5	19	97	-	-	-	-	-	-	-	-	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5
	b-BHC	90	36	72	360	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Chlordane					-	-	-	-	-	-	-	-	< 35	35	< 36	36	< 35	35
	d-BHC	250	40	100,000	100,000	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Dieldrin	100	5	39	200	-	-	-	-	-	-	-	-	< 4.0	4.0	< 3.6	3.6	< 3.5	3.5
	Endosulfan I	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Endosulfan II	102,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Endrin	60	14	2,200	11,000	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Endrin aldehyde					-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Endrin ketone					-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	g-BHC	100	100	280	1,300	-	-	-	-	-	-	-	-	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
	g-chlordane					-	-	-	-	-	-	-	-	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5
	Heptachlor	380	42	420	2,100	-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Heptachlor epoxide					-	-	-	-	-	-	-	-	< 7.0	7.0	< 7.2	7.2	< 6.9	6.9
	Methoxychlor					-	-	-	-	-	-	-	-	< 35	35	< 36	36	< 35	35
	Toxaphene					-	-	-	-	-	-	-	-	< 140	140	< 140	140	< 140	140
PCBs	PCB-1016		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1221		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1232		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1242		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1248		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1254		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1260		100	1,000		< 73	73	< 80	80	< 74	74	< 79	79	**100**	70	< 72	72	**73**	69
	PCB-1262					< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
	PCB-1268					< 73	73	< 80	80	< 74	74	< 79	79	< 70	70	< 72	72	< 69	69
Chlorinated Herbicides	2,4,5-T					-	-	-	-	-	-	-	-	< 86	86	< 89	89	< 87	87
	2,4,5-TP (Silvex)					-	-	-	-	-	-	-	-	< 86	86	< 89	89	< 87	87
	2,4-D					-	-	-	-	-	-	-	-	< 170	170	< 180	180	< 170	170
	2,4-DB					-	-	-	-	-	-	-	-	< 1700	1,700	< 1800	1,800	< 1700	1,700
	Dalapon					-	-	-	-	-	-	-	-	< 86	86	< 89	89	< 87	87
	Dicamba					-	-	-	-	-	-	-	-	< 86	86	< 89	89	< 87	87
	Dichloroprop					-	-	-	-	-	-	-	-	< 170	170	< 180	180	< 170	170
	Dinoseb					-	-	-	-	-	-	-	-	< 170	170	< 180	180	< 170	170

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar									
						Red Comp									
						(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
						5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 3.3	3.3	< 2.2	2.2	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2
	4,4' -DDE	17,000	3.3	1,800	8,900	**23**	2.2	< 2.2	2.2	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2
	4,4' -DDT	136,000	3.3	1,700	7,900	**18**	2.2	< 5.0	5.0	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2
	a-BHC	20	20	97	480	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	A-Chlordane	2,900	94	910	4,200	< 3.7	3.7	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 3.7	3.7
	Aldrin	190	5	19	97	< 3.7	3.7	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 3.7	3.7
	b-BHC	90	36	72	360	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Chlordane					< 37	37	< 37	37	< 39	39	< 41	41	< 37	37
	d-BHC	250	40	100,000	100,000	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Dieldrin	100	5	39	200	< 3.7	3.7	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 3.7	3.7
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Endrin	60	14	2,200	11,000	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Endrin aldehyde					< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Endrin ketone					< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6	< 1.5	1.5
	g-chlordane					< 3.7	3.7	< 3.7	3.7	< 3.9	3.9	< 4.1	4.1	< 3.7	3.7
	Heptachlor	380	42	420	2,100	< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Heptachlor epoxide					< 7.3	7.3	< 7.3	7.3	< 7.7	7.7	< 8.1	8.1	< 7.3	7.3
	Methoxychlor					< 37	37	< 37	37	< 39	39	< 41	41	< 37	37
	Toxaphene					< 150	150	< 150	150	< 150	150	< 160	160	< 150	150
PCBs	PCB-1016		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1221		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1232		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1242		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1248		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1254		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1260		100	1,000		< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1262					< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
	PCB-1268					< 73	73	< 73	73	< 77	77	< 81	81	< 73	73
Chlorinated Herbicides	2,4,5-T					< 92	92	< 93	93	< 97	97	< 100	100	< 93	93
	2,4,5-TP (Silvex)					< 92	92	< 93	93	< 97	97	< 100	100	< 93	93
	2,4-D					< 180	180	< 190	190	< 190	190	< 210	210	< 190	190
	2,4-DB					< 1800	1,800	< 1900	1,900	< 1900	1,900	< 2100	2,100	< 1900	1,900
	Dalapon					< 92	92	< 93	93	< 97	97	< 100	100	< 93	93
	Dicamba					< 92	92	< 93	93	< 97	97	< 100	100	< 93	93
	Dichloroprop					< 180	180	< 190	190	< 190	190	< 210	210	< 190	190
	Dinoseb					< 180	180	< 190	190	< 190	190	< 210	210	< 190	190

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar									
						Blue Comp									
						(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
						5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.2	2.2	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.2	2.2	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3
	4,4' -DDT	136,000	3.3	1,700	7,900	< 3.3	3.3	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3
	a-BHC	20	20	97	480	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	A-Chlordane	2,900	94	910	4,200	< 3.7	3.7	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 3.9	3.9
	Aldrin	190	5	19	97	< 3.7	3.7	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 3.9	3.9
	b-BHC	90	36	72	360	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Chlordane					< 37	37	< 38	38	< 39	39	< 38	38	< 39	39
	d-BHC	250	40	100,000	100,000	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Dieldrin	100	5	39	200	< 3.7	3.7	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 3.9	3.9
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Endrin	60	14	2,200	11,000	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Endrin aldehyde					< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Endrin ketone					< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6
	g-chlordane					< 3.7	3.7	< 3.8	3.8	< 3.9	3.9	< 3.8	3.8	< 3.9	3.9
	Heptachlor	380	42	420	2,100	< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Heptachlor epoxide					< 7.5	7.5	< 7.6	7.6	< 7.7	7.7	< 7.7	7.7	< 7.8	7.8
	Methoxychlor					< 37	37	< 38	38	< 39	39	< 38	38	< 39	39
	Toxaphene					< 150	150	< 150	150	< 150	150	< 150	150	< 160	160
PCBs	PCB-1016		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1221		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1232		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1242		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1248		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1254		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1260		100	1,000		< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1262					< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
	PCB-1268					< 75	75	< 76	76	< 77	77	< 77	77	< 78	78
Chlorinated Herbicides	2,4,5-T					< 93	93	< 95	95	< 98	98	< 97	97	< 98	98
	2,4,5-TP (Silvex)					< 93	93	< 95	95	< 98	98	< 97	97	< 98	98
	2,4-D					< 190	190	< 190	190	< 200	200	< 190	190	< 200	200
	2,4-DB					< 1900	1,900	< 1900	1,900	< 2000	2,000	< 1900	1,900	< 2000	2,000
	Dalapon					< 93	93	< 95	95	< 98	98	< 97	97	< 98	98
	Dicamba					< 93	93	< 95	95	< 98	98	< 97	97	< 98	98
	Dichloroprop					< 190	190	< 190	190	< 200	200	< 190	190	< 200	200
	Dinoseb					< 190	190	< 190	190	< 200	200	< 190	190	< 200	200

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
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Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar										WC - B4 Stockpile	
						Yellow Comp										B4 Comp	
						(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-2')	
						5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		7/5/2018	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 5.0	5.0	< 2.2	2.2	< 2.3	2.3	< 2.5	2.5	< 2.4	2.4	**18**	2.1
	4,4' -DDE	17,000	3.3	1,800	8,900	< 3.3	3.3	< 2.2	2.2	< 2.3	2.3	< 2.5	2.5	< 2.4	2.4	**10**	2.1
	4,4' -DDT	136,000	3.3	1,700	7,900	< 3.3	3.3	< 10	10	< 2.3	2.3	< 2.5	2.5	< 2.4	2.4	< 2.1	2.1
	a-BHC	20	20	97	480	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	A-Chlordane	2,900	94	910	4,200	< 3.6	3.6	< 5.0	5.0	< 3.9	3.9	< 4.2	4.2	< 4.0	4.0	< 3.5	3.5
	Aldrin	190	5	19	97	< 3.6	3.6	< 3.6	3.6	< 3.9	3.9	< 4.2	4.2	< 4.0	4.0	< 3.5	3.5
	b-BHC	90	36	72	360	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Chlordane					< 36	36	< 36	36	< 39	39	< 42	42	< 40	40	< 35	35
	d-BHC	250	40	100,000	100,000	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Dieldrin	100	5	39	200	< 3.6	3.6	< 3.6	3.6	< 3.9	3.9	< 4.2	4.2	< 4.0	4.0	< 3.5	3.5
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Endrin	60	14	2,200	11,000	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Endrin aldehyde					< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Endrin ketone					< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	g-BHC	100	100	280	1,300	< 1.4	1.4	< 1.5	1.5	< 1.6	1.6	< 1.7	1.7	< 1.6	1.6	< 1.4	1.4
	g-chlordane					< 3.6	3.6	< 3.6	3.6	< 3.9	3.9	< 4.2	4.2	< 4.0	4.0	< 3.5	3.5
	Heptachlor	380	42	420	2,100	< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Heptachlor epoxide					< 7.2	7.2	< 7.3	7.3	< 7.8	7.8	< 8.4	8.4	< 7.9	7.9	< 7.0	7.0
	Methoxychlor					< 36	36	< 36	36	< 39	39	< 42	42	< 40	40	< 35	35
	Toxaphene					< 140	140	< 150	150	< 160	160	< 170	170	< 160	160	< 140	140
PCBs	PCB-1016		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1221		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1232		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1242		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1248		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1254		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	**200**	70
	PCB-1260		100	1,000		< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1262					< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
	PCB-1268					< 72	72	< 73	73	< 78	78	< 84	84	< 79	79	< 70	70
Chlorinated Herbicicdes	2,4,5-T					< 91	91	< 92	92	< 98	98	< 100	100	< 100	100	-	-
	2,4,5-TP (Silvex)					< 91	91	< 92	92	< 98	98	< 100	100	< 100	100	-	-
	2,4-D					< 180	180	< 180	180	< 200	200	< 210	210	< 200	200	-	-
	2,4-DB					< 1800	1,800	< 1800	1,800	< 2000	2,000	< 2100	2,100	< 2000	2,000	-	-
	Dalapon					< 91	91	< 92	92	< 98	98	< 100	100	< 100	100	-	-
	Dicamba					< 91	91	< 92	92	< 98	98	< 100	100	< 100	100	-	-
	Dichloroprop					< 180	180	< 180	180	< 200	200	< 210	210	< 200	200	-	-
	Dinoseb					< 180	180	< 180	180	< 200	200	< 210	210	< 200	200	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 15
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Pesticides, PCBs and Herbicides

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Waterfront										WC - Sewer			
						SB Comp		SB Comp		Shorefront North Comp		Waterfront North Comp		Shoreline North Comp		Sewer Stockpile Comp 1		Sewer Stockpile Comp 2	
						(0-5')		(5-10')											
						8/17/2018		8/17/2018		8/24/2018		8/29/201		8/29/2018		8/19/2019		8/19/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.2	2.2	< 2.4	2.4	< 2.3	2.3	**4.6**	2.2	< 3.2	3.2	< 2.2	2.2	< 2.2	2.2
	4,4' -DDE	17,000	3.3	1,800	8,900	< 3.0	3.0	< 2.4	2.4	**3.8**	2.3	**8**	2.2	**8.6**	3.2	< 2.2	2.2	< 2.2	2.2
	4,4' -DDT	136,000	3.3	1,700	7,900	**4.2**	2.2	**4.6**	2.4	**28**	2.3	**11**	2.2	**16**	3.2	< 2.2	2.2	< 2.2	2.2
	a-BHC	20	20	97	480	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	A-Chlordane	2,900	94	910	4,200	< 3.6	3.6	< 4.0	4.0	< 3.9	3.9	< 3.7	3.7	< 13	13	< 3.6	3.6	< 3.6	3.6
	Aldrin	190	5	19	97	< 3.6	3.6	< 4.0	4.0	< 3.9	3.9	< 3.7	3.7	< 2.1	2.1	< 3.6	3.6	< 3.6	3.6
	b-BHC	90	36	72	360	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Chlordane					< 36	36	< 40	40	< 39	39	< 37	37	< 53	53	< 36	36	< 36	36
	d-BHC	250	40	100,000	100,000	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Dieldrin	100	5	39	200	< 3.6	3.6	< 4.0	4.0	**5.7**	3.9	< 3.7	3.7	< 2.1	2.1	< 3.6	3.6	< 3.6	3.6
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Endrin	60	14	2,200	11,000	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Endrin aldehyde					< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Endrin ketone					< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	g-BHC	100	100	280	1,300	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.5	1.5	< 2.1	2.1	< 1.5	1.5	< 1.5	1.5
	g-chlordane					< 3.6	3.6	< 4.0	4.0	< 3.9	3.9	< 3.7	3.7	< 5.3	5.3	< 7.0	7.0	< 7.0	7.0
	Heptachlor	380	42	420	2,100	< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Heptachlor epoxide					< 7.2	7.2	< 7.9	7.9	< 7.7	7.7	< 7.4	7.4	< 11	11	< 7.3	7.3	< 7.3	7.3
	Methoxychlor					< 36	36	< 40	40	< 39	39	< 37	37	< 53	53	< 36	36	< 36	36
	Toxaphene					< 140	140	< 160	160	< 150	150	< 150	150	< 210	210	< 150	150	< 150	150
PCBs	PCB-1016		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1221		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1232		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1242		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1248		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1254		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1260		100	1,000		< 72	72	< 79	79	< 77	77	< 74	74	**120**	53	< 73	73	< 73	73
	PCB-1262					< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
	PCB-1268					< 72	72	< 79	79	< 77	77	< 74	74	< 53	53	< 73	73	< 73	73
Chlorinated Herbicides	2,4,5-T					< 91	91	< 100	100	< 97	97	< 93	93	< 130	130	< 91	91	< 91	91
	2,4,5-TP (Silvex)					< 91	91	< 100	100	< 97	97	< 93	93	< 130	130	< 91	91	< 91	91
	2,4-D					< 180	180	< 200	200	< 190	190	< 190	190	< 270	270	< 180	180	< 180	180
	2,4-DB					< 1800	1,800	< 2000	2,000	< 1900	1,900	< 1900	1,900	< 2700	2,700	< 1800	1,800	< 1800	1,800
	Dalapon					< 91	91	< 100	100	< 97	97	< 93	93	< 130	130	< 91	91	< 91	91
	Dicamba					< 91	91	< 100	100	< 97	97	< 93	93	< 130	130	< 91	91	< 91	91
	Dichloroprop					< 180	180	< 200	200	< 190	190	< 190	190	< 270	270	< 180	180	< 180	180
	Dinoseb					< 180	180	< 200	200	< 190	190	< 190	190	< 270	270	< 180	180	< 180	180

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock															
					Comp A		Comp B		Comp C		Comp D		Comp E		Comp F		Comp G		Comp H	
					(0-5')		(0-5')		(0-5')		(0-5')		(0-5')		(0-5')		(0-5')		(0-5')	
					12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015		12/11/2015	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					8,040	35	7,260	35	7,320	38	6,180	33	6,790	36	6,760	39	8,600	36	8,170	35
Antimony					< 1.8	1.8	< 1.8	1.8	< 1.9	1.9	< 1.7	1.7	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.8	1.8
Arsenic	16	13	16	16	10.4	0.7	13.5	0.7	11.3	0.8	8.9	0.7	12.5	0.7	20.1	0.8	13.1	0.7	7.4	0.7
Barium	820	350	350	400	200	0.7	132	0.7	310	0.8	174	0.7	291	0.7	687	0.8	300	0.7	564	0.7
Beryllium	47	7.2	14.0	72	0.46	0.28	0.36	0.28	0.39	0.31	0.39	0.26	0.4	0.28	0.42	0.31	0.41	0.28	0.38	0.28
Cadmium	7.5	2.5	2.5	4.3	1.01	0.35	1.22	0.35	1.43	0.38	1.03	0.33	1.66	0.36	4.65	0.39	1.75	0.36	0.66	0.35
Calcium					16,800	35	10,800	35	36,600	38	19,600	33	22,800	36	7,640	39	15,400	36	34,800	35
Chromium		30			26.8	0.35	20.7	0.35	22.5	0.38	23.7	0.33	50.4	0.36	25.1	0.39	22.9	0.36	29.7	0.35
Chromium, Hex	19	1	2	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt					10.4	0.35	13.3	0.35	11.2	0.38	11.2	0.33	18.3	0.36	10.7	0.39	13.8	0.36	19.7	0.35
Copper	1,720	50	270	270	146	3.5	145	3.5	135	0.38	132	3.3	400	3.6	112	0.39	172	3.6	82.4	0.35
Iron					42,300	35	64,500	35	52,500	38	42,300	33	51,100	36	64,500	39	69,500	36	30,300	35
Lead	450	63	400	400	513	7.0	1,450	70	848	7.7	678	6.6	753	7.1	1,240	7.7	735	7.1	464	7.0
Magnesium					2,680	35	3,030	35	4,700	38	3,310	33	4,350	36	2,580	39	3,060	36	4,020	35
Manganese	2,000	1,600	2,000	2,000	356	3.5	470	3.5	425	3.8	422	3.3	357	3.6	441	3.9	581	3.6	348	3.5
Mercury	0.73	0.18	0.81	0.81	0.4	0.03	0.32	0.03	0.5	0.03	0.3	0.03	0.46	0.03	0.55	0.03	0.27	0.03	0.27	0.03
Molybdenum					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	130	30	140	310	29.6	0.35	23.7	0.35	25.5	0.38	19.6	0.33	22	0.36	24.7	0.39	26.6	0.36	16.8	0.35
Potassium					1,290	70	1,260	70	1,280	77	1,210	66	1,360	71	1,170	77	1,430	71	1,450	70
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4
Silver	8.3	2	36	180	< 0.35	0.35	< 0.35	0.35	< 0.38	0.38	< 0.33	0.33	< 0.36	0.36	< 0.39	0.39	< 0.36	0.36	< 0.35	0.35
Sodium					435	7	372	7	464	8	388	7	805	7	255	8	419	7	559	7
Thallium					< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4
Vanadium					31.3	0.4	26.8	0.4	35.9	0.4	23.8	0.3	31.6	0.4	27.8	0.4	29.4	0.4	23.7	0.4
Zinc	2,480	109	2,200	10,000	304	7.0	253	7.0	549	7.7	479	6.6	2,670	71	749	7.7	538	7.1	636	7.0

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot							
					WC A1 Comp		WC A2 Comp		WC B1 Comp		Comp				FA Comp 1			
											(0-5')		(5-10')		(0-5')		(5-10')	
					3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					-	-	-	-	-	-	-	-	-	-				
Antimony					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	16	13	16	16	**9.07**	0.75	**10.4**	0.75	17	0.83	16.3	0.69	**9.5**	0.73	**13.2**	0.76	**31.4**	0.74
Barium	820	350	350	400	**158**	0.7	**212**	0.7	**151**	0.8	**83.7**	0.7	**48**	0.7	**64.6**	0.8	**63.4**	0.7
Beryllium	47	7.2	14.0	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	7.5	2.5	2.5	4.3	**1.14**	0.37	**1.17**	0.37	**1.33**	0.42	**1.17**	0.35	< 0.37	0.37	**0.41**	0.34	**0.64**	0.37
Calcium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium		30			**18.4**	0.37	**20.9**	0.37	**25.2**	0.42	**15.2**	0.35	**14**	0.37	**13.5**	0.38	**13.4**	0.37
Chromium, Hex	19	1	2	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1,720	50	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	450	63	400	400	614	7.5	**488**	7.5	483	8.3	**183**	6.9	**61.3**	0.7	**59.6**	0.8	**246**	7.4
Magnesium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	2,000	1,600	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	0.73	0.18	0.81	0.81	**0.35**	0.03	**0.35**	0.03	**0.43**	0.03	**0.24**	0.03	**0.02**	0.03	**0.04**	0.03	**0.06**	0.03
Molybdenum					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	130	30	140	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.5	1.5	< 1.7	1.7	< 1.4	1.4	< 1.5	1.5	<1.5	1.5	<1.5	1.5
Silver	8.3	2	36	180	< 0.37	0.37	< 0.37	0.37	< 0.42	0.42	< 0.35	0.35	< 0.37	0.37	<0.38	0.38	<0.37	0.37
Sodium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium					-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2,480	109	2,200	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Former Fueling Area Hotspot															
					FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5			
					(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
					5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum																				
Antimony					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	16	13	16	16	**5.13**	0.74	**2.55**	0.77	**7.44**	0.65	**7.02**	0.72	**10.5**	0.73	**51.2**	0.82	**9.9**	0.72	**11.2**	0.78
Barium	820	350	350	400	**71.8**	0.7	**51.4**	0.8	**65.9**	0.7	**64.2**	0.7	**843**	0.7	**1190**	0.8	**55.2**	0.7	**39**	0.8
Beryllium	47	7.2	14.0	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	7.5	2.5	2.5	4.3	<0.36	0.36	<0.38	0.38	**1.92**	0.33	**1.22**	0.36	**1.47**	0.36	<0.41	0.41	**1.41**	0.36	<0.39	0.39
Calcium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium		30			**18.8**	0.36	**13.5**	0.38	**13.9**	0.33	**21.8**	0.36	**44.3**	0.36	**16.5**	0.41	**13.8**	0.36	**113**	0.39
Chromium, Hex	19	1	2	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1,720	50	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	450	63	400	400	**44.5**	0.7	**17.4**	0.8	**271**	6.5	**183**	7.2	**325**	7.3	**97.8**	0.8	**82.4**	0.7	**6.3**	0.8
Magnesium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	2,000	1,600	2,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	0.73	0.18	0.81	0.81	**0.07**	0.03	**0.08**	0.03	**0.19**	0.03	**0.11**	0.03	**0.41**	0.03	**0.04**	0.03	**0.08**	0.03	<0.03	0.03
Molybdenum					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	130	30	140	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	4	3.9	36.0	180	<1.4	1.4	<1.5	1.5	<1.3	1.3	<1.4	1.4	<1.5	1.5	<1.6	1.6	<1.4	1.4	<1.6	1.6
Silver	8.3	2	36	180	<0.36	0.36	<0.38	0.38	<0.33	0.33	<0.36	0.36	<0.36	0..36	<0.41	0.41	<0.36	0.36	<0.39	0.39
Sodium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2,480	109	2,200	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	WC - D3 Stockpile		WC - E2 Stockpile				Waste Characterization - Building C Cellar									
					D3 Stockpile Comp		E2 Stockpile Comp				Red Comp									
					(0-2')		(0-2')		(2-3')		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					4/24/2018		4/24/2018		4/24/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					mg/Kg		µg/Kg		µg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,520**	38	**5,900**	34	**6,820**	34	**7,090**	33	**7,780**	33	**7,660**	39	**7,300**	40	**7,480**	33
Antimony					< 3.8	3.8	< 3.4	3.4	< 3.4	3.4	< 3.3	3.3	< 3.3	3.3	< 3.9	3.9	< 4.0	4.0	< 3.3	3.3
Arsenic	16	13	16	16	**6.73**	0.75	**7.68**	0.67	**5.49**	0.68	**16.4**	0.66	**5.58**	0.67	**3.06**	0.77	**2.28**	0.79	**2.09**	0.67
Barium	820	350	350	400	**214**	7.5	**121**	0.7	**385**	0.7	**103**	0.7	**57.3**	0.7	**30.1**	0.8	**44.4**	0.8	**38.7**	0.7
Beryllium	47	7.2	14.0	72	**0.41**	0.30	**0.44**	0.27	**0.56**	0.27	**0.36**	0.26	**0.4**	0.27	**0.43**	0.31	**0.39**	0.32	**0.45**	0.27
Cadmium	7.5	2.5	2.5	4.3	**1.13**	0.38	**0.8**	0.34	**2.44**	0.34	**1.29**	0.33	< 0.33	0.33	< 0.39	0.39	< 0.40	0.40	< 0.33	0.33
Calcium					**24,700**	38	**7,870**	3.4	**11,000**	34	**16,200**	33	**1,960**	3.3	**712**	3.9	**1,230**	4.0	**966**	3.3
Chromium		30			**23.3**	0.38	**22.4**	0.34	**15**	0.34	**14.3**	0.33	**13.7**	0.33	**13.6**	0.39	**12**	0.40	**19.2**	0.33
Chromium, Hex	19	1	2	110	-	-	-	-	-	-	< 0.44	0.44	< 0.45	0.45	< 0.47	0.47	< 0.50	0.50	< 0.45	0.45
Cobalt					**7.63**	0.38	**9.9**	0.34	**7.52**	0.34	**12.1**	0.33	**7.04**	0.33	**5.42**	0.39	**5.99**	0.40	**8.04**	0.33
Copper	1,720	50	270	270	**84.7**	0.38	**72.2**	0.34	**1,620**	34	**109**	0.33	**23.1**	0.33	**11.3**	0.39	**9.97**	0.40	**15.4**	0.33
Iron					**30,000**	38	**35,000**	34	**24,800**	34	**44,400**	33	**16,300**	33	**14,800**	39	**12,800**	40	**20,100**	33
Lead	450	63	400	400	**467**	7.5	**255**	6.7	**302**	6.8	**1,090**	6.6	**64.1**	0.7	**5.7**	0.8	**6.5**	0.8	**4.4**	0.7
Magnesium					**6,500**	38	**3,110**	3.4	**2,440**	3.4	**5,100**	33	**2,750**	3.3	**2,530**	3.9	**2,210**	4.0	**2,680**	3.3
Manganese	2,000	1,600	2,000	2,000	**407**	3.8	**368**	3.4	**343**	3.4	**372**	3.3	**355**	3.3	**185**	3.9	**181**	4.0	**454**	3.3
Mercury	0.73	0.18	0.81	0.81	**0.49**	0.03	**0.28**	0.03	**0.15**	0.03	**0.43**	0.14	< 0.14	0.14	< 0.03	0.03	< 0.17	0.17	< 0.14	0.14
Molybdenum					-	-	-	-	-	-	**1.56**	0.33	< 0.33	0.33	< 0.39	0.39	< 0.40	0.40	< 0.33	0.33
Nickel	130	30	140	310	**17.3**	0.38	**20.4**	0.34	**16.3**	0.34	**20.7**	0.33	**14.4**	0.33	**12.4**	0.39	**12.4**	0.40	**15.2**	0.33
Potassium					**1,490**	8	**1,220**	7	**1,420**	7	**1,030**	7	**1,060**	7	**1,190**	8	**885**	8	**1,540**	7
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3
Silver	8.3	2	36	180	< 0.38	0.38	< 0.34	0.34	< 0.34	0.34	< 0.33	0.33	< 0.33	0.33	< 0.39	0.39	< 0.40	0.40	< 0.33	0.33
Sodium					**288**	8	**218**	7	**492**	7	**325**	7	**102**	7	**126**	8	**126**	8	**628**	7
Thallium					< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3
Vanadium					**41.3**	0.38	**29.4**	0.34	**29.4**	0.34	**24.9**	0.33	**19.5**	0.33	**19.2**	0.39	**16.4**	0.40	**34.2**	0.33
Zinc	2,480	109	2,200	10,000	**339**	7.5	**188**	6.7	**285**	6.8	**214**	6.6	**67.8**	0.7	**54.5**	0.8	**40.8**	0.8	**42.8**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Building C Cellar																	
					Blue Comp										Yellow Comp									
					(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
					5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,990**	36	**8,330**	36	**10,600**	36	**6,690**	39	**7,500**	38	**6,540**	33	**7,070**	38	**9,850**	41	**10,000**	43	**5,860**	37
Antimony					< 3.6	3.6	< 3.6	3.6	< 3.6	3.6	< 3.9	3.9	< 3.8	3.8	< 3.3	3.3	< 3.8	3.8	< 4.1	4.1	< 4.3	4.3	< 3.7	3.7
Arsenic	16	13	16	16	**13.2**	0.73	**6.94**	0.72	**3.34**	0.72	**3.38**	0.77	**2.4**	0.75	**5.43**	0.66	**7.73**	0.75	**4.17**	0.83	**3.01**	0.87	**2.4**	0.74
Barium	820	350	350	400	**151**	0.7	**84.1**	0.7	**51.1**	0.7	**33.5**	0.8	**34**	0.8	**85.2**	0.7	**96.9**	0.8	**49.9**	0.8	**47.7**	0.9	**23.4**	0.7
Beryllium	47	7.2	14.0	72	**0.44**	0.29	**0.47**	0.29	**0.51**	0.29	**0.34**	0.31	**0.36**	0.30	**0.36**	0.26	**0.54**	0.30	**0.45**	0.33	**0.44**	0.35	**0.29**	0.30
Cadmium	7.5	2.5	2.5	4.3	**2.28**	0.36	**0.99**	0.36	< 0.36	0.36	< 0.39	0.39	< 0.38	0.38	**0.47**	0.33	**1.18**	0.38	< 0.41	0.41	< 0.43	0.43	< 0.37	0.37
Calcium					**21,100**	36	**4,920**	3.6	**1,220**	3.6	**1,260**	3.9	**1,770**	3.8	**52,200**	33	**5,240**	3.8	**1,100**	4.1	**959**	4.3	**2,070**	3.7
Chromium		30			**18.5**	0.36	**17.4**	0.36	**16.5**	0.36	**12.1**	0.39	**12.8**	0.38	**15.7**	0.33	**16.5**	0.38	**17.1**	0.41	**16.1**	0.43	**11.1**	0.37
Chromium, Hex	19	1	2	110	< 0.45	0.45	< 0.46	0.46	< 0.48	0.48	< 0.47	0.47	< 0.46	0.46	< 0.44	0.44	< 0.44	0.44	< 0.47	0.47	< 0.50	0.50	< 0.48	0.48
Cobalt					**10.8**	0.36	**13.3**	0.36	**8.23**	0.36	**6.01**	0.39	**5.92**	0.38	**5.24**	0.33	**9.22**	0.38	**8.19**	0.41	**7.12**	0.43	**5.06**	0.37
Copper	1,720	50	270	270	**164**	3.6	**56.2**	0.36	**18.3**	0.36	**11**	0.39	**10.2**	0.38	**39**	0.33	**64.3**	0.38	**20.4**	0.41	**13.7**	0.43	**8.17**	0.37
Iron					**40,400**	36	**33,000**	36	**18,900**	36	**15,100**	39	**14,200**	38	**15,000**	33	**32,100**	38	**19,800**	41	**17,300**	43	**12,300**	37
Lead	450	63	400	400	**463**	7.3	**349**	7.2	**9.2**	0.7	**8.9**	0.8	**6.8**	0.8	**72.9**	0.7	**225**	7.5	**19.5**	0.8	**9.5**	0.9	**8.4**	0.7
Magnesium					**5,690**	36	**2,410**	3.6	**3,140**	3.6	**2,400**	3.9	**2,590**	3.8	**14,800**	33	**2,040**	3.8	**3,030**	4.1	**2,900**	4.3	**2,370**	3.7
Manganese	2,000	1,600	2,000	2,000	**305**	3.6	**468**	3.6	**430**	3.6	**221**	3.9	**353**	3.8	**209**	3.3	**229**	3.9	**318**	4.1	**375**	4.3	**167**	3.7
Mercury	0.73	0.18	0.81	0.81	**0.82**	0.15	**0.32**	0.15	< 0.14	0.14	< 0.14	0.14	**0.15**	0.14	< 0.13	0.13	< 0.13	0.13	< 0.15	0.15	< 0.16	0.16	< 0.14	0.14
Molybdenum					**1.34**	0.36	**0.66**	0.36	< 0.36	0.36	< 0.39	0.39	< 0.38	0.38	**1.81**	0.33	**0.77**	0.38	**0.45**	0.41	< 0.43	0.43	**0.63**	0.37
Nickel	130	30	140	310	**21.7**	0.36	**21.5**	0.36	**15.5**	0.36	**11.7**	0.39	**12.1**	0.38	**11.5**	0.33	**17.5**	0.38	**16.9**	0.41	**14.3**	0.43	**10.9**	0.37
Potassium					**1,110**	7	**1,150**	7	**1,300**	7	**1,040**	8	**1,130**	8	**1,120**	7	**1,080**	8	**1,120**	8	**1,130**	9	**1,010**	7
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.7	1.7	< 1.7	1.7	< 1.5	1.5
Silver	8.3	2	36	180	< 0.36	0.36	< 0.36	0.36	< 0.36	0.36	< 0.39	0.39	< 0.38	0.38	< 0.33	0.33	< 0.38	0.38	< 0.41	0.41	< 0.43	0.43	< 0.37	0.37
Sodium					**231**	7	**157**	7	**95**	7	**90**	8	**107**	8	**533**	7	**236**	8	**103**	8	**166**	9	**156**	7
Thallium					< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.5	1.5	< 1.7	1.7	< 1.7	1.7	< 1.5	1.5
Vanadium					**31.7**	0.36	**27.3**	0.36	**20.6**	0.36	**17**	0.39	**18.5**	0.38	**30.5**	0.33	**22.3**	0.38	**21**	0.41	**19.8**	0.43	**15.6**	0.37
Zinc	2,480	109	2,200	10,000	**278**	7.3	**181**	7.2	**47.7**	0.7	**34.1**	0.8	**34.8**	0.8	**86**	0.7	**210**	7.5	**74.5**	0.8	**41.5**	0.9	**28.9**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	WC - B4 Stockpile		Waste Characterization - Waterfront										WC - Sewer			
					B4 Comp		SB Comp		SB Comp		Shorefront North Comp		Waterfront North Comp		Shoreline North Comp		Sewer Stockpile Comp 1		Sewer Stockpile Comp 2	
					(0-2')		(0-5')		(5-10')											
					7/5/2018		8/17/2018		8/17/2018		8/24/2018		8/29/2018		8/29/2018		8/13/2019		8/19/2019	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,550**	36	**6,630**	34	**5,580**	37	**6,620**	36	5950	33	**14,600**	55	**8,070**	36	**6,830**	36
Antimony					**7.4**	3.6	< 3.4	3.4	< 3.7	3.7	< 3.6	3.6	**5.9**	4.0	< 5.5	5.5	< 3.6	3.6	< 3.6	3.6
Arsenic	16	13	16	16	**9.6**	0.71	**7.55**	0.69	**12.3**	0.74	**6.4**	0.73	**8.08**	0.67	**3.5**	1.1	**2.97**	0.72	**5.35**	0.72
Barium	820	350	350	400	**218**	0.7	**139**	0.7	**142**	0.7	**94**	0.7	**121**	0.8	**90.2**	1.1	**88.1**	0.7	**138**	0.7
Beryllium	47	7.2	14.0	72	**0.42**	0.28	**0.43**	0.27	**0.43**	0.30	**0.49**	0.29	**0.51**	0.32	< 0.44	0.44	**0.37**	0.29	**0.44**	0.29
Cadmium	7.5	2.5	2.5	4.3	**1.71**	0.36	**2.5**	0.34	**1.31**	0.37	**1.14**	0.36	**1.02**	0.33	**0.67**	0.55	**0.5**	0.36	**1.48**	0.36
Calcium					**16,900**	36	**37,100**	34	**9,820**	3.7	**9,910**	3.5	**12,700**	33	**9,640**	5.5	**2,750**	3.6	**4,850**	36
Chromium		30			**26.5**	0.36	**17.6**	0.34	**39.5**	0.37	**23.2**	0.36	**14.8**	0.33	**23.2**	0.55	**13.8**	0.36	**20.7**	0.36
Chromium, Hex	19	1	2	110			**0.77**	0.44	**9.23**	0.48	< 0.47	0.47	< 0.44	0.44	< 0.60	0.60	-	-	-	-
Cobalt					**9.71**	0.36	**7.15**	0.34	**8.67**	0.37	**9**	0.36	**6.24**	0.33	**12.6**	0.55	**6.39**	0.36	**11.3**	0.36
Copper	1,720	50	270	270	**118**	0.36	**76.1**	0.7	**163**	7.4	**140**	7.3	**93.7**	6.7	**74.9**	1.1	**23.8**	0.7	**78.9**	0.7
Iron					**36,500**	36	**73,500**	34	**45,500**	37	**21,700**	36	**24,500**	33	**24,600**	55	**18,600**	36	**38,100**	36
Lead	450	63	400	400	**416**	7.1	**267**	6.9	**1,260**	7.4	**283**	7.3	**329**	6.7	**177**	1.1	**54.8**	0.7	**291**	7.2
Magnesium					**7,930**	36	**12,000**	34	**2,930**	3.7	**12,400**	36	**4,170**	3.3	**7,230**	5.5	**2,610**	3.6	**2,910**	36
Manganese	2,000	1,600	2,000	2,000	**326**	3.6	**1,100**	3.4	**318**	3.7	**447**	3.6	**210**	3.3	**1,080**	5.5	**340**	3.6	**405**	3.6
Mercury	0.73	0.18	0.81	0.81	**0.43**	0.12	**0.32**	0.13	**0.58**	0.16	**0.3**	0.03	**0.26**	0.13	**2.31**	0.21	**0.02**	0.03	**0.22**	0.07
Molybdenum							**0.93**	0.34	**1.91**	0.37	**2.06**	0.35	**1.66**	0.33	**1.41**	0.55	< 0.36	0.36	**0.94**	0.36
Nickel	130	30	140	310	**40.5**	0.36	**18.1**	0.34	**18.4**	0.37	**22**	0.36	**17.7**	0.33	**35.4**	0.55	**13.3**	0.36	**22.2**	0.36
Potassium					**1,350**	7	**1,140**	7	**1,010**	7	**1,820**	7	**932**	8	**3,200**	11	**1,030**	7	**1,310**	7
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6	< 2.2	2.2	< 1.4	1.4	< 1.4	1.4
Silver	8.3	2	36	180	< 0.36	0.36	< 0.34	0.34	< 0.37	0.37	< 0.36	0.36	< 0.33	0.33	< 0.55	0.55	< 0.36	0.36	< 0.36	0.36
Sodium					**226**	7	**278**	7	**692**	7	**1,910**	7	**360**	7	**3,370**	11	**112**	7	**145**	7
Thallium					< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 2.2	2.2	< 1.4	1.4	< 1.4	1.4
Vanadium					**39**	0.36	**34.8**	0.34	**28.3**	0.37	**36.9**	0.35	**31.7**	0.33	**30.6**	0.55	**18.8**	0.36	**28.8**	0.36
Zinc	2,480	109	2,200	10,000	**315**	7.1	**242**	6.9	**201**	7.4	**382**	7.3	219	6.7	**156**	1.1	**167**	7.2	**201**	7.2

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 16
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					A1-1		A1-1-1		A1-1-2		A1-1-3		A1-1-4	
					4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	450	63	400	400	**445**	8.2	**441**	7.1	**657**	7.1	**293**	6.9	**108**	0.7

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					A1-2		A1-2-1		A1-2-2		A1-2-3		A1-2-4	
					4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	450	63	400	400	**116**	0.7	**726**	7.0	**130**	0.7	**219**	7.6	**139**	7.4

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					A1-3		A1-3-1		A1-3-2		A2-3-3		A1-3-4	
					4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	450	63	400	400	**13**	0.7	**24.4**	0.7	**11.9**	0.8	**22.1**	0.7	**24.8**	0.7

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					A2-1		A2-1-1		A2-1-2		A2-1-3		A2-1-4	
					4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	450	63	400	400	**380**	7.0	**315**	7.1	**1,480**	75	**646**	8.1	**2,040**	73

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Waste Characterization - Loading Dock									
					A2-2		A2-2-1		A2-2-2		A2-2-3		A2-2-4	
					4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	450	63	400	400	**1,010**	7.2	**356**	7.2	**557**	7.4	**669**	7.0	**693**	7.9

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Dash - Not Analyzed

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot									
		WC A1 Comp		WC A2 Comp		WC B1 Comp		Comp				FA Comp 1				FA Comp 2	
								(0-5')		(5-10')		(0-5')		(5-10')		(0-5')	(5-10')
		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017	5/2/2017
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.06**	0.10	**0.06**	0.10	**0.04**	0.10	**0.01**	0.10	**0.01**	0.10
Barium	100	**0.2**	0.10	**0.35**	0.10	**0.25**	0.10	**0.56**	0.10	**0.49**	0.10	**0.34**	0.10	**0.5**	0.10	**0.39**	0.10	**0.56**	0.10
Cadmium	1.0	< 0.050	0.050	**0.009**	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	**0.006**	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	**0.9**	0.10	**0.47**	0.10	**0.3**	0.10	**0.09**	0.10	**0.05**	0.10	**0.03**	0.10	**0.06**	0.10	< 0.10	0.10	< 0.10	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

		Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot										Waste Characterization - Former Fueling Area Hotspot										WC - D3 Stockpile		WC - E2 Stockpile			
TCLP METALS	**TCLP Regulatory Limit***	**WC A1 Comp**		**WC A2 Comp**		**WC B1 Comp**		**Comp**				**FA Comp 1**				**FA Comp 2**				**FA Comp 3**				**FA Comp 4**				**FA Comp 5**				**D3 Stockpile Comp**		**E2 Stockpile Comp**			
								(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-2')		(0-2')		(2-3')	
		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		4/24/2018		4/24/2018		4/25/2018	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		µg/Kg		µg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.06**	0.10	**0.06**	0.10	**0.04**	0.10	**0.01**	0.10	**0.01**	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.01**	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Barium	100	**0.2**	0.10	**0.35**	0.10	**0.25**	0.10	**0.56**	0.10	**0.49**	0.10	**0.34**	0.10	**0.5**	0.10	**0.39**	0.10	**0.56**	0.10	**1.24**	0.10	**0.82**	0.10	**1.17**	0.10	**0.5**	0.10	**0.4**	0.10	**0.07**	0.10	**0.31**	0.10	**0.61**	0.10	**0.7**	0.10
Cadmium	1.0	< 0.050	0.050	**0.009**	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	**0.008**	0.050	**0.03**	0.050	**0.019**	0.050	**0.017**	0.050	< 0.050	0.050	**0.013**	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	**0.9**	0.10	**5.47**	0.10	**0.3**	0.10	**0.09**	0.10	**0.05**	0.10	**0.03**	0.10	**0.06**	0.10	< 0.10	0.10	< 0.10	0.10	**1.31**	0.10	**0.61**	0.10	**0.29**	0.10	**0.4**	0.10	< 0.10	0.10	< 0.10	0.10	**0.6**	0.10	**0.25**	0.10	**0.62**	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot							
		WC A1 Comp		WC A2 Comp		WC B1 Comp		Comp				FA Comp 1			
								(0-5')		(5-10')		(0-5')		(5-10')	
		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	0.06	0.10	0.06	0.10	0.04	0.10
Barium	100	0.2	0.10	0.35	0.10	0.25	0.10	0.56	0.10	0.49	0.10	0.34	0.10	0.5	0.10
Cadmium	1.0	< 0.050	0.050	0.009	0.050	< 0.050	0.050	0.007	0.050	< 0.050	0.050	< 0.050	0.050	0.007	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	0.9	0.10	8.47	0.10	0.3	0.10	0.09	0.10	0.05	0.10	0.03	0.10	0.06	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Former Fueling Area Hotspot				Waste Characterization - Former Fueling Area Hotspot											
		FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5			
		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	0.01	0.10	0.01	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	0.01	0.10
Barium	100	0.39	0.10	0.56	0.10	1.24	0.10	0.82	0.10	1.17	0.10	0.5	0.10	0.4	0.10	0.07	0.10
Cadmium	1.0	< 0.050	0.050	0.008	0.050	0.03	0.050	0.019	0.050	0.017	0.050	< 0.050	0.050	0.013	0.050	< 0.050	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	< 0.10	0.10	< 0.10	0.10	1.31	0.10	0.61	0.10	0.29	0.10	0.4	0.10	< 0.10	0.10	< 0.10	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Building C Cellar																			
		Red Comp										Blue Comp									
		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Barium	100	0.94	0.10	0.57	0.10	0.16	0.10	0.22	0.10	0.15	0.10	0.72	0.10	0.6	0.10	0.38	0.10	0.28	0.10	0.18	0.10
Cadmium	1.0	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	0.011	0.050	0.007	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		0.04	0.10	0.02	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	0.16	0.10	0.04	0.10	< 0.10	0.10	0.02	0.10	0.02	0.10
Lead	5.0	2.03	0.10	0.13	0.10	< 0.10	0.10	0.01	0.10	< 0.10	0.10	0.16	0.10	0.35	0.10	0.02	0.10	0.03	0.10	< 0.10	0.10
Mercury	0.2	0.0003	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		0.03	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	0.05	0.10	0.03	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		0.72	0.10	0.21	0.10	0.05	0.10	0.13	0.10	0.08	0.10	0.72	0.10	0.6	0.10	0.06	0.10	0.07	0.10	0.05	0.10

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot											
		WC A1 Comp		WC A2 Comp		WC B1 Comp		Comp				FA Comp 1				FA Comp 2			
								(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.06**	0.10	**0.06**	0.10	**0.04**	0.10	**0.01**	0.10	**0.01**	0.10
Barium	100	**0.2**	0.10	**0.35**	0.10	**0.25**	0.10	**0.56**	0.10	**0.49**	0.10	**0.34**	0.10	**0.5**	0.10	**0.39**	0.10	**0.56**	0.10
Cadmium	1.0	< 0.050	0.050	**0.009**	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	**0.008**	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	**0.9**	0.10	**8.47**	0.10	**0.3**	0.10	**0.09**	0.10	**0.05**	0.10	**0.03**	0.10	**0.06**	0.10	< 0.10	0.10	< 0.10	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Former Fueling Area Hotspot											
		FA Comp 3				FA Comp 4				FA Comp 5			
		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.01**	0.10
Barium	100	**1.24**	0.10	**0.82**	0.10	**1.17**	0.10	**0.5**	0.10	**0.4**	0.10	**0.07**	0.10
Cadmium	1.0	**0.03**	0.050	**0.019**	0.050	**0.017**	0.050	< 0.050	0.050	**0.013**	0.050	< 0.050	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-
Lead	5.0	**1.31**	0.10	**0.61**	0.10	**0.29**	0.10	**0.4**	0.10	< 0.10	0.10	< 0.10	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-

TCLP METALS	TCLP Regulatory Limit*	Waste Characterization - Building C Cellar										Waste Characterization - Waterfront									
		Yellow Comp										SB Comp		SB Comp		Shorefront North Comp		Waterfront North Comp		Shoreline North Comp	
		(0-2')		(2-4')		(4-8')		(8-12')		(12-16')		(0-5')		(5-10')							
		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		8/17/2018		8/17/2018		8/24/2018		8/29/201		8/29/2018	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Barium	100	**0.86**	0.10	**0.86**	0.10	**0.41**	0.10	**0.41**	0.10	**0.25**	0.10	**0.66**	0.10	**0.99**	0.10	**0.24**	0.10	**0.94**	0.10	**0.18**	0.10
Cadmium	1.0	< 0.050	0.050	**0.015**	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
Chromium	5.0	**0.02**	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Copper		**0.14**	0.10	**0.05**	0.10	**0.01**	0.10	**0.01**	0.10	**0.01**	0.10	< 0.10	0.10	**0.2**	0.10	< 0.10	0.10	**0.12**	0.10	< 0.10	0.10
Lead	5.0	**0.09**	0.10	**0.72**	0.10	**0.02**	0.10	**0.07**	0.10	**0.04**	0.10	**0.15**	0.10	**2.42**	0.10	**0.24**	0.10	**0.37**	0.10	< 0.10	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		**0.06**	0.10	**0.04**	0.10	< 0.10	0.10	< 0.10	0.10	**0.02**	0.10	< 0.10	0.10	**0.12**	0.10	< 0.10	0.10	< 0.10	0.10	**0.21**	0.10
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		**0.83**	0.10	**1.43**	0.10	**0.14**	0.10	**0.02**	0.10	**0.08**	0.10	**0.82**	0.10	**0.86**	0.10	**0.61**	0.10	**1.12**	0.10	**0.18**	0.10

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

		Waste Characterization - Loading Dock						Waste Characterization - Former Fueling Area Hotspot										Waste Characterization - Former Fueling Area Hotspot										WC - Sewer			
TCLP METALS	TCLP Regulatory Limit*	WC A1 Comp		WC A2 Comp		WC B1 Comp		Comp				FA Comp 1				FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5				Sewer Stockpile Comp 1		Sewer Stockpile Comp 2	
								(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')					
		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		8/13/2019		8/19/2019	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.06**	0.10	**0.06**	0.10	**0.04**	0.10	**0.01**	0.10	**0.01**	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.01**	0.10	< 0.10	0.10	< 0.10	0.10
Barium	100	**0.2**	0.10	**0.35**	0.10	**0.25**	0.10	**0.56**	0.10	**0.49**	0.10	**0.34**	0.10	**0.5**	0.10	**0.39**	0.10	**0.56**	0.10	**1.24**	0.10	**0.82**	0.10	**1.17**	0.10	**0.5**	0.10	**0.4**	0.10	**0.07**	0.10	**0.32**	0.10	**0.82**	0.10
Cadmium	1.0	< 0.050	0.050	**0.009**	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	< 0.050	0.050	**0.007**	0.050	< 0.050	0.050	**0.008**	0.050	**0.03**	0.050	**0.019**	0.050	**0.017**	0.050	< 0.050	0.050	**0.013**	0.050	< 0.050	0.050	< 0.050	0.050	**0.006**	0.050
Chromium	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.01**	0.10	< 0.10	0.10
Copper		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	0.10	**0.11**	0.10
Lead	5.0	**0.9**	0.10	**8.47**	0.10	**0.3**	0.10	**0.09**	0.10	**0.05**	0.10	**0.03**	0.10	**0.06**	0.10	< 0.10	0.10	< 0.10	0.10	**1.31**	0.10	**0.61**	0.10	**0.29**	0.10	**0.4**	0.10	< 0.10	0.10	< 0.10	0.10	**0.06**	0.10	**3.1**	0.10
Mercury	0.2	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.02**	0.10	**0.03**	0.10
Selenium	1.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Silver	5.0	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Zinc		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.47**	0.10	**0.7**	0.10

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 17
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
TCLP Metals

		Loading Dock Hazardous Delineation															
COMPOUND	TCLP Regulatory Limit*	A1-1		A1-1-1		A1-1-2		A1-1-3		A1-1-4		A1-2		A1-2-1		A1-2-2	
		4/7/2017		4/7/2019		4/7/2019		4/7/2017		4/7/2019		4/7/2019		4/7/2017		4/7/2019	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	5	**0.8**	0.10	**0.13**	0.10	**1.7**	0.10	**0.11**	0.10	**0.06**	0.10	**2.48**	0.10	**0.29**	0.10	**0.23**	0.10

		Waste Characterization - Loading Dock															
COMPOUND	TCLP Regulatory Limit*	A1-2-3		A1-2-4		A1-3		A1-3-1		A1-3-2		A2-3-3		A1-3-4		A2-1	
		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	5	**0.06**	0.10	**0.59**	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	**0.18**	0.10

		Waste Characterization - Loading Dock															
COMPOUND	TCLP Regulatory Limit*	A2-1-1		A2-1-2		A2-1-3		A2-1-4		A2-2		A2-2-1		A2-2-2		A2-2-3	
		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	5	**0.56**	0.10	**12.3**	0.10	**0.19**	0.10	**0.37**	0.10	**0.25**	0.10	**0.17**	0.10	**0.45**	0.10	**3.38**	0.10

		Waste Characterization - Loading Dock															
COMPOUND	TCLP Regulatory Limit*	A2-2-4		A2-3		A2-3-1		A2-3-2		A2-3-3		A2-3-4		A1/A2 BORDER 1		A1/A2 BORDER 2	
		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	5	**0.21**	0.10	**1.32**	0.10	**13.7**	0.10	**15.1**	0.10	**1.04**	0.10	**3.32**	0.10	**1.25**	0.10	**5.73**	0.10

		Waste Characterization - Loading Dock									
COMPOUND	TCLP Regulatory Limit*	A1/A2 BORDER 3		A2/B1 BORDER 1		A2/B1 BORDER 2		A2/B1 BORDER 3		Soil Duplicate	
		4/7/2017		4/7/2017		4/7/2017		4/7/2017		4/7/2017	
		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Lead	5	**0.12**	0.10	**0.42**	0.10	**0.24**	0.10	**4.97**	0.10	< 0.10	0.10

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

Bold/highlighted- Indicated exceedance of the TCLP Regulatory Limit

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

Test/Procedure	A1, A2, B1, B2 Waste Characterization												Petro Hotspot							
	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp			
													(0-5')		(5-10')		(0-5')		(5-10')	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-
Diesel Range Organics (C10-C28)	-	-	< 50	96	< 50	96	-	-	**78**	57	-	-	**52**	59	**4,200**	500	-	-	-	-
Flash Point (Degree F)	-	-	> 200	200	> 200	200	-	-	> 200	200	-	-	-	-	-	-	> 200	200	> 200	200
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.6	5.6
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

Test/Procedure	A1, A2, B1, B2 Waste Characterization										Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot																	
	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1				FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5			
													(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**	-	**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**	-	**89**	-	**82**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-
Diesel Range Organics (C10-C28)	-	-	48	39	140	38	-	-	**78**	37	-	-	**52**	50	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flash Point (Degree F)	-	-	>250	200	>259	200	-	-	>259	200	-	-	-	-	-	-	>200	596	>202	200	>256	200	>259	320	>259	200	>256	200	>259	320	>259	300	>202	200	>202	200	>202	596	>202	200
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.8	5.8	<5.6	5.6	<5.6	5.6	<5.6	5.6	<5.7	5.7	<5.6	5.6	<5.6	5.6	<5.4	5.4	<5.7	5.7	<5.4	5.4	<6.0	6.0
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	-	-	-	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

Test/Procedure	A1, A2, B1, B2 Waste Characterization												Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot																WC - D3 Stockpile				WC - E2 Stockpile								Waste Characterization - Building C Cellar					
	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1				FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5				D3 Stockpile Comp		D3 Grab		E2 Stockpile Comp		E2 Grab		E2 Stockpile Comp		E2 Grab		Red Comp		Red Grab		Red Comp		Red Grab	
													(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-2')		(0-2')		(0-2')		(0-2')		(2-3')		(2-3')		(0-2')		(0-2')		(2-4')		(2-4')	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		4/24/2018		4/24/2018		4/24/2018		4/24/2018		4/24/2018		4/24/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**	-	**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**	-	**89**	-	**82**	-	**95**	-	**93**	-	**92**	-	**91**	-	**95**	-	**93**	-	**90**	-	**91**	-	**89**	-	**88**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Diesel Range Organics (C10-C28)	-	-	< 50	56	< 50	56	-	-	**78**	57	-	-	**52**	50	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flash Point (Degree F)	-	-	>200	200	>200	200	-	-	>200	200	-	-	-	-	-	-	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00	**8.05**	1.00	-	-	**7.92**	1.00	-	-	**8.04**	1.00	-	-	**9.59**	1.00	-	-	**8.05**	1.00	-	-
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.6	5.6	<5.8	5.8	<5.6	5.6	<5.6	5.6	<5.7	5.7	<5.6	5.6	<5.6	5.6	<5.4	5.4	<5.7	5.7	<5.4	5.4	<6.0	6.0	< 5	5	-	-	< 5	5	-	-	< 5	5	-	-	< 6	6	-	-
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**143**	-	-	-	**74.6**	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.58	0.58	-	-	< 0.57	0.56	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 270	270	-	-	< 56	56	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 270	270	-	-	< 56	56	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 260	260	-	-	< 56	56	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 270	270	-	-	< 56	56	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

	A1, A2, B1, B2 Waste Characterization												Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot														Waste Characterization - Building C Cellar													
Test/Procedure	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1		FA Comp 2		FA Comp 3		FA Comp 4		FA Comp 5																					
													(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		Red Comp		Red Grab		Red Comp		Red Grab		Red Comp		Red Grab		Blue Comp		Blue Grab		Blue Comp		Blue Grab	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**	-	**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**	-	**89**	-	**82**	-	**85**	-	**89**	-	**80**	-	**81**	-	**89**	-	**88**	-	**89**	-	**89**	-	**87**	-	**87**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	-	-	**Negative**	-	-	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	-	-
Diesel Range Organics (C10-C28)	-	-	< 50	56	< 50	56	-	-	**78**	57	-	-	**52**	49	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flash Point (Degree F)	-	-	>200	200	>200	200	-	-	>200	200	-	-	-	-	-	-	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00	**7.03**	1.00	-	-	**7.5**	1.00	-	-	**7.14**	1.00	-	-	**10.4**	1.00	-	-	**8.98**	1.00	-	-
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.6	5.6	<5.8	5.8	<5.6	5.6	<5.6	5.6	<5.7	5.7	<5.6	5.6	<5.6	5.6	<5.4	5.4	<5.7	5.7	<5.4	5.4	<6.0	6.0	< 220	220	-	-	< 220	220	-	-	< 220	220	-	-	< 6	6	-	-	< 6	6	-	-
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	< 5	5	-	-	< 6	5	-	-	< 5	5	-	-	< 20	20	-	-	< 20	20	-	-
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**4.6**	-	-	-	**89.9**	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**23.1**	-	-	-	**22.4**	-	-	-	**1.5**	-	-	-	**6.85**	0.50	-	-	**13.1**	0.51	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.59	0.59	-	-	< 0.58	0.58	-	-	< 0.58	0.58	-	-	< 270	270	-	-	< 56	56	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 59	59	-	-	< 61	61	-	-	< 55	55	-	-	< 270	270	-	-	< 56	56	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 59	59	-	-	< 61	61	-	-	< 55	55	-	-	< 270	270	-	-	< 56	56	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 59	59	-	-	< 61	61	-	-	< 55	55	-	-	< 270	270	-	-	< 56	56	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

	A1, A2, B1, B2 Waste Characterization												Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot														Waste Characterization - Building C Cellar																	
Test/Procedure	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1		FA Comp 2		FA Comp 3		FA Comp 4		FA Comp 5						Blue Comp		Blue Grab		Blue Comp		Blue Grab		Blue Comp		Blue Grab		Yellow Comp		Yellow Grab		Yellow Comp		Yellow Grab	
													(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(0-5')		(5-10')		(4-8')		(4-8')		(8-12')		(8-12')		(8-12')		(12-16')		(0-2')		(0-2')		(2-4')		(2-4')	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**	-	**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**	-	**89**	-	**82**	-	**84**	-	**84**	-	**85**	-	**79**	-	**84**	-	**86**	-	**91**	-	**91**	-	**90**	-	**90**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-
Diesel Range Organics (C10-C28)	-	-	< 50	56	< 50	56	-	-	**78**	57	-	-	**52**	50	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flash Point (Degree F)	-	-	>200	200	>200	200	-	-	>200	200	-	-	-	-	-	-	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00	**7.11**	1.00	-	-	**7.69**	1.00	-	-	**7.68**	1.00	-	-	**11.9**	1.00	-	-	**10.5**	1.00	-	-
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.6	5.6	<5.8	5.8	<5.6	5.6	<5.6	5.6	<5.7	5.7	<5.6	5.6	<5.6	5.6	<5.4	5.4	<5.7	5.7	<5.4	5.4	<6.0	6.0	< 6	6	-	-	< 6	6	-	-	< 6	6	-	-	< 5	5	-	-	< 6	6	-	-
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	**-33.9**	-	-	-	**-20.6**	-	-	-	**-15**	-	-	-	**-57.8**	-	-	-	**-43.9**	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.54	0.54	-	-	< 0.59	0.59	-	-	< 0.60	0.60	-	-	< 0.59	0.59	-	-	< 0.59	0.59	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 56	56	-	-	< 57	57	-	-	< 59	59	-	-	< 270	270	-	-	< 55	55	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 56	56	-	-	< 57	57	-	-	< 59	59	-	-	< 270	270	-	-	< 55	55	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 56	56	-	-	< 57	57	-	-	< 59	59	-	-	< 270	270	-	-	< 55	55	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 56	56	-	-	< 57	57	-	-	< 59	59	-	-	< 270	270	-	-	< 55	55	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

Test/Procedure	A1, A2, B1, B2 Waste Characterization												Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot																Waste Characterization - Building C Cellar												Waste Characterization - Waterfront							
	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1				FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5				Yellow Comp		Yellow Grab		Yellow Comp		Yellow Grab		Yellow Comp		Yellow Grab		SB Comp		SB Grab		SB Comp		SB Grab	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018		8/17/2018		8/17/2018		8/17/2018		8/17/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**	-	**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**	-	**89**	-	**82**	-	**84**	-	**84**	-	**79**	-	**82**	-	**83**	-	**83**	-	**91**	-	**92**	-	**83**	-	**89**	-
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	-	-	**Negative**	-	-	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Diesel Range Organics (C10-C28)	-	-	< 50	56	< 50	56	-	-	**78**	57	-	-	**52**	50	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flash Point (Degree F)	-	-	>200	200	>200	200	-	-	>200	200	-	-	-	-	-	-	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200	>200	200
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00	**7.55**	1.00	-	-	**7.59**	1.00	-	-	**7.82**	1.00	-	-	**9.96**	1.00	-	-	**8.21**	1.00	-	-
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.8	5.8	-	-	-	-	-	-	< 5.5	5.5	< 5.9	5.9	<5.8	5.8	<5.6	5.6	<5.6	5.6	<5.7	5.7	<5.6	5.6	<5.6	5.6	<5.4	5.4	<5.7	5.7	<5.4	5.4	<6.0	6.0	< 6	6	-	-	< 6	6	-	-	< 6	6	-	-	< 5	5	-	-	< 6	6	-	-
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	<20	20	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	-	-	**-46.5**	-	-	-	**-28.1**	-	-	-	**81.6**	-	-	-	**62.9**	-	-	-	**268**	-	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.59	0.59	-	-	< 0.60	0.60	-	-	< 0.54	0.54	-	-	< 0.55	0.55	-	-	**0.62**	0.60	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 60	60	-	-	< 60	60	-	-	< 58	58	-	-	< 270	270	-	-	< 290	290	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 60	60	-	-	< 60	60	-	-	< 58	58	-	-	-	-	-	-	-	-	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 60	60	-	-	< 60	60	-	-	< 58	58	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 60	60	-	-	< 60	60	-	-	< 58	58	-	-	-	-	-	-	-	-	-	-

Table 18
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
RCRA Characteristics

	A1, A2, B1, B2 Waste Characterization												Petro Hotspot								Waste Characterization - Former Fueling Area Hotspot																Waste Characterization - Waterfront								Waste Characterization - Sewer							
Test/Procedure	WC A1 Grab		WC A1 Comp		WC A2 Comp		WC A2 Grab		WC B1 Comp		WC B1 Grab		Grab				Comp				FA Comp 1				FA Comp 2				FA Comp 3				FA Comp 4				FA Comp 5				Shorefront North Comp		Shorefront North Grab		Waterfront North Comp		Waterfront North Grab		Shoreline North Comp		Shoreline North Grab		Sewer Stockpile Comp 1		Sewer Stockpile Grab 1		Sewer Stockpile Comp 2		Sewer Stockpile Grab 2	
	3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		3/28/2017		1/19/2017		1/19/2017		1/19/2017		1/19/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		5/2/2017		8/24/2018		8/24/2018		8/29/201		8/29/2018		8/29/202		8/29/2018		8/13/2019		8/13/2019		8/19/2019		8/19/2019	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Percent Solid (%)	**89**	-	**87**	-	**89**	-	**89**	-	**86**	-	**86**	-	-	-	-	-	**89**	-	**84**	-	**86**		**87**	-	**89**	-	**87**	-	**90**	-	**87**	-	**88**	-	**84**		**89**	-	**82**	-	**85**		**78**	-	**89**	-	**62**		**62**	-	**66**	-	**89**		**90**	-	**91**		**91**		
Corrosivity (Pos/Neg)	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**		**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**		**Negative**	-	**Negative**	-	**Negative**		-	-	-	-	-		**Negative**	-	-	-	< 0.40	0.40	-	-	> 12.42	0.42	-	-	-	-
Diesel Range Organics (C10-C28)	-	-	< 96	96	< 98	98	-	-	**78**	97	-	-	**52**	93	**4,200**	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Negative	-	-	-	Negative	-	-	-	-	-
Flash Point (Degree F)	-	-	>200	200	>250	200	-	-	>200	200	-	-	-	-	-	-	>200	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	>250	200	-	-	-	-	>200	200	-	-	>200	200	-	-	>200	200	-	-
Ignitability (Degree F)	-	-	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	**Passed**	140	-	-	**Passed**	140	-	-	**Passed**	140	-	-	-	-	-	-	-	-	-	-
pH- Soil	-	-	**7.92**	1.00	**7.85**	1.00	-	-	**7.74**	1.00	-	-	-	-	-	-	**7.76**	0.10	**6.37**	0.10	**8.75**	1.00	**8.46**	1.00	**10.4**	1.00	**10.6**	1.00	**8.63**	1.00	**8.28**	1.00	**8.33**	1.00	**7.21**	1.00	**9.49**	1.00	**7.22**	1.00	**8.16**	1.00	-	-	**7.77**	1.00	-	-	**7.17**	1.00	-	-	Passed	140	-	-	Passed	140	-	-
Reactivity Cyanide (mg/Kg)	-	-	< 5.7	5.7	< 5.6	5.6	-	-	< 5.6	5.6	-	-	-	-	-	-	< 5.5	5.5	< 5.6	5.6	< 5.6	5.6	< 5.6	5.6	< 5.6	5.6	< 5.7	5.7	< 5.6	5.6	< 5.6	5.6	< 5.4	5.4	< 5.7	5.7	< 5.4	5.4	< 6.0	6.0	< 6	6	-	-	< 6	6	-	-	< 6	6	-	-	**7.97**	1.00	-	-	**8.13**	1.00	-	-
Reactivity Sulfide (mg/Kg)	-	-	< 20	20	< 20	20	-	-	< 20	20	-	-	-	-	-	-	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	< 20	20	-	-	< 20	20	-	-	< 20	20	-	-	< 222	220	-	-	< 220	220	-	-
Reactivity	-	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	-	-	-	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	**Negative**	-	-	-	**Negative**	-	-	-	**Negative**	-	-	-	< 5	5	-	-	< 5	5	-	-
Redox Potential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**316.6**	-	**309.2**	-	-	-	-	-	-	-	-	-	**168**	-	-	-	**91.2**	-	-	-	**132**	-	-	-	< 20	20	-	-	< 20	20	-	-
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.78**	0.56	-	-	**0.77**	0.56	-	-	< 0.61	0.61	-	-	Negative	-	-	-	Negative	-	-	-
Total EPH (mg/Kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 290	290	-	-	< 280	280	-	-	< 400	400	-	-	**184**	-	-	-	**258**	-	-	-
>C28-C40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.93	0.51	-	-	< 0.58	0.55	-	-
C9-C28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 58	58	-	-	< 220	220	-	-
Total Petroleum Hydrocarbons (TPH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 19
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
VOA TIC

Test/Procedure	WC - Building B Cellar				WC - Waterfront				WC - Sewer	
	Blue Grab		Yellow Grab		SB Grab		Shorefront North Grab		Sewer Stockpile Grab 2	
	(0-2')		(2-4')		(5-10')					
	5/8/2018		5/8/2018		8/17/2018		8/24/2018		8/19/2019	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Dimethyl sulfide (RT 1.930)	-	-	-	-	-	-	**9.4**	5	-	-
Indan, 1-methyl- (RT 7.330)	-	-	-	-	-	-	-	-	5.2	5
Naphthalene, 1-methyl- (RT 8.669)	-	-	-	-	-	-	-	-	4.3	5
Naphthalene (RT 8.882)	**14**	5	-	-	-	-	-	-	-	-
Naphthalene (RT 10.09)	-	-	-	-	**240**	250	-	-	-	-
unknown (RT 1.065)	-	-	**7.5**	5	-	-	-	-	-	-
unknown (RT 9.632)	-	-	-	-	-	-	-	-	4.3	5

Table 20
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
SVOA TICS

Test/Procedure	Waste Characterization - Building C Cellar									
	Red Comp									
	(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
	5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
11H-Benzo[a]fluoren-11-one (RT 9.011)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[a]fluoren-11-one (RT 9.268)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[a]fluorene (RT 8.472)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.477)	**1,400**	4	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.503)	-	-	-	-	-	-	-	-	-	-
2,5-Heptadien-4-one, 2,6-dimethyl- (RT 3.706)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.068)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.125)	-	-	-	-	-	-	-	-	**12,000**	4
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.130)	-	-	-	-	**13,000**	4	**15,000**	4	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.146)	-	-	**32,000**	4	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.173)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.178)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.232)	**130,000**	4	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.237)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.323)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.403)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.612)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.810)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.860)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.874)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.818)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.824)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- Isomer (RT 1.660)	-	-	-	-	-	-	-	-	-	-
2-Phenylnaphthalene (RT 7.621)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.911)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.997)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 2.566)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.798)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.895)	**34,000**	4	**460**	4	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 2.532)	-	-	-	-	-	-	-	-	-	-
4H-Cyclopenta[def]phenanthrene (RT 7.457)	-	-	-	-	-	-	-	-	-	-
5H-Dibenzo[a,d]cycloheptene (RT 8.425)	-	-	-	-	-	-	-	-	-	-
7H-Benz[de]anthracen-7-one (RT 9.262)	-	-	-	-	-	-	-	-	-	-
9,10-Anthracenedione (RT 7.656)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.382)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.462)	-	-	-	-	-	-	-	-	-	-
Benz[e]acephenanthrylene (RT 11.410)	-	-	-	-	-	-	-	-	-	-
Benzo[a]pyrene (RT 11.979)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,3-d]thiophene (RT 9.139)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,1-d]thiophene (RT 9.191)	-	-	-	-	-	-	-	-	-	-
Benzo[c]phenanthrene (RT 9.177)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.426)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.741)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.763)	**1,700**	4	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 12.285)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 15.316)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.597)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.778)	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.964)	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.969)	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.970)	-	-	-	-	-	-	-	-	-	-
Cyclopenta(cd)pyrene, 3,4-dihydro- (RT 9.685)	-	-	-	-	-	-	-	-	-	-
Cyclopenta(def)phenanthrenone (RT 7.938)	-	-	-	-	-	-	-	-	-	-
Docosane, 7-butyl- (RT 15.728)	-	-	-	-	-	-	-	-	-	-
Eicosane (RT 14.947)	-	-	-	-	-	-	-	-	-	-
Heptadecane, 2,6,10,15-tetramethyl (RT 17.432)	-	-	-	-	-	-	-	-	-	-
Hexatriacontane (RT 16.563)	-	-	-	-	-	-	-	-	-	-
Nonadecane (RT 19.265)	-	-	-	-	-	-	-	-	-	-
Octacosane (RT 18.337)	-	-	-	-	-	-	-	-	-	-
Octadecane (RT 9.412)	-	-	-	-	-	-	-	-	-	-
Perylene (RT 11.757)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.362)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- Isomer (RT 7.415)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.457)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.355)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.360)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.386)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2,5-dimethyl- (RT 7.862)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.397)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.573)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.375)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.733)	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.578)	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.609)	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.816)	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.817)	-	-	-	-	-	-	-	-	-	-
Tridecane (RT 20.205)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.042)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.138)	-	-	-	-	-	-	-	-	-	-
unknown (RT 1.660)	**1,600**	4	-	-	-	-	-	-	-	-
unknown (RT 10.241)	-	-	-	-	-	-	-	-	-	-
unknown (RT 10.348)	-	-	-	-	-	-	-	-	-	-
unknown (RT 2.002)	-	-	**340**	4	-	-	-	-	-	-
unknown (RT 3.877)	**960**	4	-	-	-	-	-	-	-	-
unknown (RT 3.883)	-	-	-	-	-	-	-	-	-	-
unknown (RT 4.253)	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.462)	**1,700**	4	-	-	-	-	-	-	-	-
unknown (RT 7.790)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.515)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.797)	-	-	-	-	-	-	-	-	**560**	4
unknown (RT 8.803)	-	-	**1,800**	4	-	-	-	-	-	-
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.808)	**2,000**	4	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 7.462)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.127)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.838)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-

Table 20
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
SVOA TICS

Test/Procedure	Waste Characterization - Building C Cellar									
	Blue Comp									
	(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
	5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
11H-Benzo[a]fluoren-11-one (RT 9.011)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[a]fluoren-11-one (RT 9.268)	**1,300**	4	-	-	-	-	-	-	-	-
11H-Benzo[a]fluorene (RT 8.472)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.477)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	**2,200**	4	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.503)	-	-	-	-	-	-	-	-	-	-
2,5-Heptadien-4-one, 2,6-dimethyl- (RT 3.706)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.068)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.125)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.130)	-	-	-	-	**15,000**	4	**13,000**	4	**14,000**	4
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.146)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.173)	-	-	**50,000**	4	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.178)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.232)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.237)	**130,000**	4	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.323)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.403)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.612)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.810)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.860)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.874)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.818)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.824)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- Isomer (RT 1.660)	-	-	-	-	-	-	-	-	-	-
2-Phenylnaphthalene (RT 7.621)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.911)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.997)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 2.566)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.798)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.895)	**23,000**	4	**5,800**	4	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 2.532)	-	-	-	-	-	-	-	-	-	-
4H-Cyclopenta[def]phenanthrene (RT 7.457)	-	-	-	-	-	-	-	-	-	-
5H-Dibenzo[a,d]cycloheptene (RT 8.425)	-	-	-	-	-	-	-	-	-	-
7H-Benz[de]anthracen-7-one (RT 9.262)	-	-	-	-	-	-	-	-	-	-
9,10-Anthracenedione (RT 7.656)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.382)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.462)	**1,600**	4	-	-	-	-	-	-	-	-
Benz[e]acephenanthrylene (RT 11.410)	-	-	-	-	-	-	-	-	-	-
Benzo[a]pyrene (RT 11.979)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,3-d]thiophene (RT 9.139)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,1-d]thiophene (RT 9.191)	-	-	-	-	-	-	-	-	-	-
Benzo[c]phenanthrene (RT 9.177)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.426)	**1,100**	4	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.741)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.763)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 12.285)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 15.316)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.597)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.778)	**2,600**	4	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.964)	-	-	-	-	-	-	-	-	**380**	4
Cyclic octaatomic sulfur (RT 7.969)	-	-	-	-	-	-	**1,400**	4	-	-
Cyclic octaatomic sulfur (RT 7.970)	-	-	-	-	-	-	-	-	-	-
Cyclopenta(cd)pyrene, 3,4-dihydro- (RT 9.685)	-	-	-	-	-	-	-	-	-	-
Cyclopenta(def)phenanthrenone (RT 7.938)	-	-	-	-	-	-	-	-	-	-
Docosane, 7-butyl- (RT 15.728)	-	-	-	-	-	-	-	-	-	-
Eicosane (RT 14.947)	-	-	-	-	-	-	-	-	-	-
Heptadecane, 2,6,10,15-tetramethyl (RT 17.432)	-	-	-	-	-	-	-	-	-	-
Hexatriacontane (RT 16.563)	-	-	-	-	-	-	-	-	-	-
Nonadecane (RT 19.265)	-	-	-	-	-	-	-	-	-	-
Octacosane (RT 18.337)	-	-	-	-	-	-	-	-	-	-
Octadecane (RT 9.412)	-	-	-	-	-	-	-	-	-	-
Perylene (RT 11.757)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.362)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- Isomer (RT 7.415)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.457)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.355)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.360)	**1,200**	4	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.386)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2,5-dimethyl- (RT 7.862)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.397)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.573)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.375)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.733)	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.578)	**1,400**	4	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.609)	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.816)	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.817)	-	-	-	-	-	-	**730**	4	-	-
Tridecane (RT 20.205)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.042)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.138)	-	-	-	-	-	-	-	-	-	-
unknown (RT 1.660)	-	-	-	-	-	-	-	-	-	-
unknown (RT 10.241)	-	-	-	-	-	-	-	-	-	-
unknown (RT 10.348)	-	-	-	-	-	-	-	-	-	-
unknown (RT 2.002)	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.877)	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.883)	-	-	-	-	-	-	-	-	-	-
unknown (RT 4.253)	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.462)	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.790)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.515)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.797)	-	-	-	-	**980**	4	**650**	4	**410**	4
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.808)	-	-	**1,200**	4	-	-	-	-	-	-
unknown hydrocarbon (RT 7.462)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.127)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.838)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-

Table 20
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
SVOA TICS

Test/Procedure	Waste Characterization - Building C Cellar									
	Yellow Comp									
	(0-2')		(2-4')		(4-8')		(8-12')		(12-16')	
	5/8/2018		5/8/2018		5/8/2018		5/8/2018		5/8/2018	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
11H-Benzo[a]fluoren-11-one (RT 9.011)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[a]fluoren-11-one (RT 9.268)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[a]fluorene (RT 8.472)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.477)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.503)	-	-	-	-	-	-	-	-	-	-
2,5-Heptadien-4-one, 2,6-dimethyl- (RT 3.706)	**3,800**	4	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.068)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.125)	-	-	-	-	**12,000**	4	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.130)	-	-	-	-	-	-	**17,000**	4	**15,000**	4
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.146)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.173)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.178)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.232)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.237)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.323)	-	-	**3.E+05**	4	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.403)	**2.E+05**	4	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.612)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.810)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.860)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.874)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.818)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.824)	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- Isomer (RT 1.660)	-	-	**6,100**	4	-	-	-	-	-	-
2-Phenylnaphthalene (RT 7.621)	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.911)	-	-	**68,000**	4	-	-	-	-	-	-
3-Hexen-2-one (RT 1.997)	**3.6E+11**	4	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 2.566)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.798)	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 1.895)	-	-	-	-	-	-	-	-	**420**	4
3-Penten-2-one, 4-methyl- (RT 2.532)	-	-	-	-	-	-	-	-	-	-
4H-Cyclopenta[def]phenanthrene (RT 7.457)	-	-	-	-	-	-	-	-	-	-
5H-Dibenzo[a,d]cycloheptene (RT 8.425)	-	-	-	-	-	-	-	-	-	-
7H-Benz[de]anthracen-7-one (RT 9.262)	-	-	-	-	-	-	-	-	-	-
9,10-Anthracenedione (RT 7.656)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.382)	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.462)	-	-	-	-	-	-	-	-	-	-
Benz[e]acephenanthrylene (RT 11.410)	-	-	-	-	-	-	-	-	-	-
Benzo[a]pyrene (RT 11.979)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,3-d]thiophene (RT 9.139)	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,1-d]thiophene (RT 9.191)	-	-	-	-	-	-	-	-	-	-
Benzo[c]phenanthrene (RT 9.177)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.426)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.741)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.763)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 12.285)	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 15.316)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.597)	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.778)	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.964)	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.969)	-	-	-	-	-	-	-	-	**1,000**	4
Cyclic octaatomic sulfur (RT 7.970)	-	-	-	-	-	-	**1,700**	4	-	-
Cyclopenta(cd)pyrene, 3,4-dihydro- (RT 9.685)	-	-	-	-	-	-	-	-	-	-
Cyclopenta(def)phenanthrenone (RT 7.938)	-	-	-	-	-	-	-	-	-	-
Docosane, 7-butyl- (RT 15.728)	-	-	-	-	-	-	-	-	-	-
Eicosane (RT 14.947)	-	-	-	-	-	-	-	-	-	-
Heptadecane, 2,6,10,15-tetramethyl (RT 17.432)	-	-	-	-	-	-	-	-	-	-
Hexatriacontane (RT 16.563)	-	-	-	-	-	-	-	-	-	-
Nonadecane (RT 19.265)	-	-	-	-	-	-	-	-	-	-
Octacosane (RT 18.337)	-	-	-	-	-	-	-	-	-	-
Octadecane (RT 9.412)	-	-	-	-	-	-	-	-	-	-
Perylene (RT 11.757)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.362)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- Isomer (RT 7.415)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.457)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.355)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.360)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.386)	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2,5-dimethyl- (RT 7.862)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.397)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- (RT 8.573)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.375)	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.733)	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.578)	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.609)	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.816)	-	-	-	-	-	-	-	-	**550**	4
Sulfur (RT 5.817)	-	-	-	-	-	-	**900**	4	-	-
Tridecane (RT 20.205)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.042)	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.138)	-	-	-	-	-	-	-	-	-	-
unknown (RT 1.660)	**8.5E+10**	4	-	-	-	-	-	-	-	-
unknown (RT 10.241)	-	-	-	-	-	-	-	-	-	-
unknown (RT 10.348)	-	-	-	-	-	-	-	-	-	-
unknown (RT 2.002)	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.877)	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.883)	-	-	**3,000**	4	-	-	-	-	-	-
unknown (RT 4.253)	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.462)	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.790)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.515)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.797)	-	-	-	-	-	-	-	-	**490**	4
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.808)	-	-	**1,800**	4	-	-	-	-	-	-
unknown hydrocarbon (RT 7.462)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.127)	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 8.838)	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-

Table 20
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Waste Characterization Soil Analytical Results
SVOA TICS

Test/Procedure	Waste Characterization - Waterfront										WC - Sewer			
	SB Comp		SB Grab		Shorefront North Comp		Waterfront North Comp		Shoreline North Comp		Sewer Stockpile Comp 1		Sewer Stockpile Comp 2	
	(0-5')		(0-5')											
	8/17/2018		8/17/2018		8/24/2018		8/29/2018		8/29/2018		8/13/2019		8/19/2019	
	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
11H-Benzo[a]fluoren-11-one (RT 9.011)	-	-	-	-	-	-	-	-	-	-	-	-	**990**	4
11H-Benzo[a]fluoren-11-one (RT 9.268)	-	-	-	-	-	-	-	-	-	-	-	-	**1,100**	4
11H-Benzo[a]fluorene (RT 8.472)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.477)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11H-Benzo[b]fluorene (RT 8.503)	-	-	-	-	-	-	-	-	-	-	-	-	**1,600**	4
2,5-Heptadien-4-one, 2,6-dimethyl- (RT 3.706)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.068)	-	-	-	-	-	-	-	-	-	-	-	-	**38,000**	4
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.125)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.146)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.173)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.178)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.232)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.237)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.323)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.403)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.612)	-	-	-	-	**11,000**	4	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.810)	-	-	**12,000**	4	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.860)	-	-	-	-	-	-	-	-	-	-	**53,000**	4	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.874)	**2.E+05**	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.818)	-	-	-	-	-	-	-	-	**6,100**	4	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- (RT 3.824)	-	-	-	-	-	-	**4,000**	4	-	-	-	-	-	-
2-Pentanone, 4-hydroxy-4-methyl- Isomer (RT 1.660)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylnaphthalene (RT 7.621)	-	-	-	-	-	-	-	-	-	-	-	-	**750**	4
3-Hexen-2-one (RT 1.911)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 1.997)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Hexen-2-one (RT 2.566)	-	-	-	-	-	-	-	-	-	-	**930**	4	-	-
3-Penten-2-one, 4-methyl- (RT 1.798)	-	-	-	-	-	-	-	-	-	-	-	-	**500**	4
3-Penten-2-one, 4-methyl- (RT 1.895)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Penten-2-one, 4-methyl- (RT 2.532)	**39,000**	4	-	-	-	-	-	-	-	-	-	-	-	-
4H-Cyclopenta[def]phenanthrene (RT 7.457)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5H-Dibenzo[a,d]cycloheptene (RT 8.425)	-	-	**380**	4	-	-	-	-	-	-	-	-	-	-
7H-Benz[de]anthracen-7-one (RT 9.262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9,10-Anthracenedione (RT 7.656)	-	-	-	-	-	-	-	-	-	-	-	-	**940**	4
Anthracene, 2-methyl- (RT 7.382)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene, 2-methyl- (RT 7.462)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benz[e]acephenanthrylene (RT 11.410)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[a]pyrene (RT 11.979)	-	-	-	-	-	-	-	-	-	-	-	-	**2,200**	4
Benzo[b]naphtho[2,3-d]thiophene (RT 9.139)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[b]naphtho[2,1-d]thiophene (RT 9.191)	-	-	-	-	-	-	-	-	-	-	-	-	**800**	4
Benzo[c]phenanthrene (RT 9.177)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.426)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.741)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 11.763)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene (RT 12.285)	-	-	-	-	-	-	-	-	-	-	-	-	**990**	4
Benzo[e]pyrene (RT 15.316)	-	-	**580**	4	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene (RT 11.597)	-	-	-	-	-	-	-	-	-	-	-	-	**1,000**	4
Benzo[k]fluoranthene (RT 11.778)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.964)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.969)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclic octaatomic sulfur (RT 7.970)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclopenta(cd)pyrene, 3,4-dihydro- (RT 9.685)	-	-	-	-	-	-	-	-	-	-	-	-	**500**	4
Cyclopenta(def)phenanthrenone (RT 7.938)	-	-	-	-	-	-	-	-	-	-	-	-	**540**	4
Docosane, 7-butyl- (RT 15.728)	-	-	-	-	-	-	-	-	**1,200**	4	-	-	-	-
Eicosane (RT 14.947)	-	-	-	-	-	-	-	-	**790**	4	-	-	-	-
Heptadecane, 2,6,10,15-tetramethyl (RT 17.432)	-	-	-	-	-	-	-	-	**1,300**	4	-	-	-	-
Hexatriacontane (RT 16.563)	-	-	-	-	-	-	-	-	**1,400**	4	-	-	-	-
Nonadecane (RT 19.265)	-	-	-	-	-	-	-	-	**760**	4	-	-	-	-
Octacosane (RT 18.337)	-	-	-	-	-	-	-	-	**1,100**	4	-	-	-	-
Octadecane (RT 9.412)	-	-	-	-	-	-	**400**	4	-	-	-	-	-	-
Perylene (RT 11.757)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 1-methyl- (RT 7.362)	-	-	-	-	-	-	-	-	-	-	-	-	**1,000**	4
Phenanthrene, 1-methyl- Isomer (RT 7.415)	-	-	-	-	-	-	-	-	-	-	-	-	**470**	4
Phenanthrene, 1-methyl- (RT 7.457)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.355)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.360)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene, 2-methyl- (RT 7.386)	-	-	-	-	-	-	-	-	-	-	-	-	**960**	4
Phenanthrene, 2,5-dimethyl- (RT 7.862)	-	-	-	-	-	-	-	-	-	-	-	-	**710**	4
Pyrene, 1-methyl- (RT 8.397)	-	-	-	-	-	-	-	-	-	-	-	-	**860**	4
Pyrene, 1-methyl- (RT 8.573)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.375)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene, 1-methyl- Isomer (RT 8.733)	-	-	-	-	-	-	-	-	-	-	-	-	**490**	4
Pyrene, 2-methyl- (RT 8.578)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene, 2-methyl- (RT 8.609)	-	-	-	-	-	-	-	-	-	-	-	-	**1,100**	4
Sulfur (RT 5.816)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur (RT 5.817)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tridecane (RT 20.205)	-	-	-	-	-	-	-	-	**500**	4	-	-	-	-
Triphenylene, 2-methyl- (RT 10.042)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triphenylene, 2-methyl- (RT 10.138)	-	-	-	-	-	-	-	-	-	-	-	-	**780**	4
unknown (RT 1.660)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 10.241)	-	-	-	-	-	-	**380**	4	-	-	-	-	-	-
unknown (RT 10.348)	-	-	**1,500**	4	-	-	-	-	-	-	-	-	-	-
unknown (RT 2.002)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.877)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 3.883)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 4.253)	-	-	-	-	-	-	**310**	4	-	-	-	-	-	-
unknown (RT 7.462)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 7.790)	-	-	-	-	-	-	**310**	4	-	-	-	-	-	-
unknown (RT 8.515)	-	-	**410**	4	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.797)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.803)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown (RT 8.808)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
unknown hydrocarbon (RT 7.462)	-	-	-	-	-	-	-	-	-	-	-	-	**1,700**	4
unknown hydrocarbon (RT 8.127)	-	-	-	-	-	-	-	-	-	-	-	-	**600**	4
unknown hydrocarbon (RT 8.838)	-	-	-	-	-	-	-	-	-	-	-	-	**470**	4
11H-Benzo[b]fluorene (RT 8.482)	-	-	-	-	-	-	-	-	-	-	-	-	**480**	4

Table 21
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Tank Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank HO-1 Endpoint Samples											
					UST1W		UST1E		UST1N		UST1S		UST1B		Soil Duplicate	
					9'		9'		9'		9'		10'			
					7/12/2017		7/12/2017		7/12/2017		7/12/2017		7/12/2017		7/12/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane					-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane					-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane					-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	270	270	19,000	26,000	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	330	330	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene					-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
1,2-Dibromo-3-chloropropane					-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane					-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	20	20	2,300	3,100	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane					-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane					-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane		100	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane					-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene					-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)					-	-	-	-	-	-	-	-	-	-	-	-
2-Isorpropyltoluene					-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene					-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone					-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	50	100,000	100,000	**440**	400	**330**	300	**370**	13	< 8.7	8.7	**360**	10	**31**	12
Acrolein					-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile					-	-	-	-	-	-	-	-	-	-	-	-
Benzene	60	60	2,900	4,800	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
Bromobenzene					-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane					-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane					-	-	-	-	-	-	-	-	-	-	-	-
Bromoform					-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane					-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide					-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	760	760	1,400	2,400	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane					-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	370	370	10,000	49,000	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane					-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	250	250	59,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene					-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane					-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane					-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane					-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1,000	1,000	30,000	41,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
Hexachlorobutadiene					-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene					< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
m&p-Xylenes	160	260	100,000	100,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
Methyl Isobutyl Ketone					-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	50	50	51,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
Napthalene	12,000	12,000	100,000	100,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
n-Butylbenzene	12,000	12,000	100,000	100,000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
n-Propylbenzene	3,900	3,900	100,000	100,000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
o-Xylene	160	260	100,000	100,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
p-Isopropyltoluene					< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
Styrene					-	-	-	-	-	-	-	-	-	-	-	-
Tert-butyl alcohol					-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5,900	5,900	100000	100000	< 1.5	1.5	< 1.6	1.6	< 1.3	1.3	< 0.87	0.87	< 1.0	1.0	< 1.2	1.2
Tetrachloroethene	1,300	1,300	5,000	19,000	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran					-	-	-	-	-	-	-	-	-	-	-	-
Toluene	700	700	100,000	100,000	< 2.9	2.9	< 3.1	3.1	< 2.6	2.6	< 1.7	1.7	< 2.0	2.0	< 2.4	2.4
trans-1,2-Dichloroethene	190	190	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene					-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-dichloro-2-butene					-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	470	470	10,000	21,000	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane					-	-	-	-	-	-	-	-	-	-	-	-
Trichlorotrifluoroethane					-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	20	20	210	900	-	-	-	-	-	-	-	-	-	-	-	-
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**440**		**330**		**27**		**134**		**62.3**		**0.62**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 21
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Tank Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank 2 and Tank 3 Endpoint Samples											
					Tank EP E		Tank EP W		Tank EP N		Tank EP S		Tank EP B1		Tank EP B2	
					8/14/2019		8/14/2019		8/14/2019		8/14/2019		8/14/2019		8/14/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 48	48	< 9.1	9.1	< 23	23	< 5.6	5.6	< 23	23	< 21	21
1,1,1,2-Tetrachloroethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,1,2,2-Tetrachloroethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,1,2-Trichloroethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,1-Dichloroethane	270	270	19,000	26,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,1-Dichloroethene	330	330	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,1-Dichloropropene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2,3-Trichlorobenzene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2,3-Trichloropropane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2,4-Trichlorobenzene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2-Dibromo-3-chloropropane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2-Dibromoethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2-Dichloroethane	20	20	2,300	3,100	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,2-Dichloropropane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,3-Dichloropropane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
1,4-Dioxane		100	13,000	13,000	< 100	100	< 100	100	< 87	87	< 84	84	< 85	85	< 79	79
2,2-Dichloropropane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
2-Chlorotoluene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
2-Hexanone (Methyl Butyl Ketone)					< 60	60	< 46	46	< 29	29	< 28	28	< 28	28	< 26	26
2-Isorpropyltoluene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
4-Chlorotoluene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
4-Methyl-2-pentanone					< 60	60	< 46	46	< 29	29	< 28	28	< 28	28	< 26	26
Acetone	50	50	100,000	100,000	**13**	50	< 46	46	< 29	29	< 28	28	**6.4**	28	**6.2**	26
Acrolein					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Acrylonitrile					< 48	48	< 18	18	< 12	12	< 23	23	< 11	11	< 21	21
Benzene	60	60	2,900	4,800	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Bromobenzene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Bromochloromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Bromodichloromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Bromoform					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Bromomethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Carbon Disulfide					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Carbon tetrachloride	760	760	1,400	2,400	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Chlorobenzene	1,100	1,100	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Chloroethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Chloroform	370	370	10,000	49,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Chloromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
cis-1,3-Dichloropropene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Dibromochloromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Dibromomethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Dichlorodifluoromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Ethylbenzene	1,000	1,000	30,000	41,000	< 12	12	**1.6**	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Hexachlorobutadiene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Isopropylbenzene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
m&p-Xylenes	160	260	100,000	100,000	< 12	12	**5**	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 72	72	< 55	55	< 35	35	< 34	34	< 34	34	< 31	31
Methyl Isobutyl Ketone					< 24	24	< 18	18	< 12	12	< 11	11	< 11	11	< 10	10
Methylene chloride	50	50	51,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Napthalene	12,000	12,000	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
n-Butylbenzene	12,000	12,000	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
n-Propylbenzene	3,900	3,900	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
o-Xylene	160	260	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
p-Isopropyltoluene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Styrene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Tert-butyl alcohol					< 240	240	< 180	180	< 120	120	< 110	110	< 110	110	< 100	100
tert-Butylbenzene	5,900	5,900	100000	100000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Tetrachloroethene	1,300	1,300	5,000	19,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Tetrahydrofuran					< 24	24	**6.5**	18	< 12	12	< 11	11	< 11	11	< 10	10
Toluene	700	700	100,000	100,000	< 12	12	**3.8**	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
trans-1,3-Dichloropropene					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
trans-1,4-dichloro-2-butene					< 24	24	< 18	18	< 12	12	< 11	11	< 11	11	< 10	10
Trichloroethene	470	470	10,000	21,000	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Trichlorofluoromethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Trichlorotrifluoroethane					< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Vinyl Chloride	20	20	210	900	< 12	12	< 9.1	9.1	< 5.8	5.8	< 5.6	5.6	< 5.7	5.7	< 5.2	5.2
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**843**		**0**		**0**		**0**		**27**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 22
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Tank Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank HO-1 Endpoint Samples											
					UST1W		UST1E		UST1N		UST1S		UST1B		Soil Duplicate	
					9'		9'		9'		9'		10'			
					7/12/2017		7/12/2017		7/12/2017		7/12/2017		7/12/2017		7/12/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichorobenzene					-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Diphenylhydrazine					-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol					-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene					-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene					-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene					-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol					-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene					-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-cresol)	330	330	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline					-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol					-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol (p-cresol)					-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine					-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline					-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol					-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether					-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol					-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline					-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether					-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline					-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol					-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 270	270	< 270	270	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 270	270	< 270	270	< 270	270
Acetophenone					-	-	-	-	-	-	-	-	-	-	-	-
Aniline					-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	1,000,000	100,000	100,000	100,000	< 260	260	< 270	270	< 260	260	**140**	270	< 270	270	< 270	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 260	260	< 270	270	< 260	260	**480**	270	**320**	270	< 270	270
Benzidine					-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 260	260	< 270	270	< 260	260	**470**	270	**330**	270	< 270	270
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 260	260	< 270	270	< 260	260	**420**	270	**280**	270	< 270	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 260	260	< 270	270	< 260	260	**320**	270	**240**	270	< 270	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 260	260	< 270	270	< 260	260	**450**	270	**310**	270	< 270	270
Benzoic Acid					-	-	-	-	-	-	-	-	-	-	-	-
Benzyl butyl phthalate					-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane					-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether					-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether					-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate					-	-	-	-	-	-	-	-	-	-	-	-
Carbazole					-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1,000	1,000	1,000	3,900	< 260	260	< 270	270	< 260	260	**490**	270	**330**	270	< 270	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 260	260	< 270	270	< 260	260	< 270	270	< 270	270	< 270	270
Dibenzofuran	210,000	7,000	59,000	59,000	-	-	-	-	-	-	-	-	-	-	-	-
Diethylphthalate					-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphthalate					-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate					-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate					-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	1,000,000	100,000	100,000	100,000	< 260	260	< 270	270	< 260	260	**930**	270	**590**	270	< 270	270
Fluorene	386,000	30,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 270	270	< 270	270	< 270	270
Hexachlorobenzene					-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene					-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene					-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane					-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 260	260	< 270	270	< 260	260	**340**	270	**260**	270	< 270	270
Isophorone					-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12,000	12,000	100,000	100,000	< 260	260	< 270	270	< 260	260	< 270	270	< 270	270	< 270	270
Nitrobenzene					-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine					-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine					-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine					-	-	-	-	-	-	-	-	-	-	-	-
Pentachloronitrobenzene					-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	800	800	2,400	6,700	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	1,000,000	100,000	100,000	100,000	< 260	260	< 270	270	< 260	260	**620**	270	**410**	270	< 270	270
Phenol	330	330	100,000	100,000	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	1,000,000	100,000	100,000	100,000	**130**	260	< 270	270	< 260	260	**840**	270	**530**	270	< 270	270
Pyridine					-	-	-	-	-	-	-	-	-	-	-	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 22
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Tank Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Tank 2 and Tank 3 Endpoint Samples											
					Tank EP E		Tank EP W		Tank EP N		Tank EP S		Tank EP B1		Tank EP B2	
					8/14/2019		8/14/2019		8/14/2019		8/14/2019		8/14/2019		8/14/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
1,2,4-Trichorobenzene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
1,2-Diphenylhydrazine					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2,4,5-Trichlorophenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2,4,6-Trichlorophenol					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
2,4-Dichlorophenol					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
2,4-Dimethylphenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2,4-Dinitrophenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2,4-Dinitrotoluene					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
2,6-Dinitrotoluene					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
2-Chloronaphthalene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2-Chlorophenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2-Methylnaphthalene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2-Nitroaniline					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
2-Nitrophenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
3&4-Methylphenol (p-cresol)					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
3,3'-Dichlorobenzidine					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
3-Nitroaniline					< 390	390	< 360	360	< 390	390	< 370	370	< 390	390	< 390	390
4,6-Dinitro-2-methylphenol					< 240	240	< 220	220	< 230	230	< 220	220	< 230	230	< 240	240
4-Bromophenyl phenyl ether					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
4-Chloro-3-methylphenol					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
4-Chloroaniline					< 310	310	< 290	290	< 310	310	< 300	300	< 310	310	< 310	310
4-Chlorophenyl phenyl ether					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
4-Nitroaniline					< 390	390	< 360	360	< 390	390	< 370	370	< 390	390	< 390	390
4-Nitrophenol					< 390	390	< 360	360	< 390	390	< 370	370	< 390	390	< 390	390
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Acetophenone					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Aniline					< 310	310	< 290	290	< 310	310	< 300	300	< 310	310	< 310	310
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	**300**	250	< 270	270	**170**	260	< 270	270	< 270	270
Benzidine					< 390	390	< 360	360	< 390	390	< 370	370	< 390	390	< 390	390
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	**350**	180	< 190	190	**200**	190	< 190	190	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	**330**	250	< 270	270	**180**	260	< 270	270	< 270	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	**210**	250	< 270	270	**140**	260	< 270	270	< 270	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	**300**	250	< 270	270	**190**	260	< 270	270	< 270	270
Benzoic Acid					< 2000	2,000	< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 2000	2,000
Benzyl butyl phthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Bis(2-chloroethoxy)methane					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Bis(2-chloroethyl)ether					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Bis(2-chloroisopropyl)ether					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Bis(2-ethylhexyl)phthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Carbazole					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Chrysene	1,000	1,000	1,000	3,900	< 270	270	**330**	250	< 270	270	**190**	260	< 270	270	< 270	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Diethylphthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Dimethylphthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Di-n-butylphthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Di-n-octylphthalate					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	**500**	250	< 270	270	**290**	260	< 270	270	< 270	270
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Hexachlorobenzene					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Hexachlorobutadiene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Hexachlorocyclopentadiene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Hexachloroethane					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	**250**	250	< 270	270	**140**	260	< 270	270	< 270	270
Isophorone					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Nitrobenzene					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
N-Nitrosodimethylamine					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
N-Nitrosodi-n-propylamine					< 200	200	< 180	180	< 190	190	< 190	190	< 190	190	< 200	200
N-Nitrosodiphenylamine					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Pentachloronitrobenzene					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 220	220	< 230	230	< 220	220	< 230	230	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	**260**	250	< 270	270	**140**	260	< 270	270	< 270	270
Phenol	330	330	100,000	100,000	< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	**490**	250	< 270	270	**290**	260	< 270	270	< 270	270
Pyridine					< 270	270	< 250	250	< 270	270	< 260	260	< 270	270	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hotspot 1 EP Sample Results									
					HS1 N Corner		HS1 W Corner		HS1 W Corner 1		HS1 S Corner		HS1 Bottom Corner	
					2'		2'		2'		2'		3'	
					12/6/2017		12/6/2017		12/11/2017		12/6/2017		12/6/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,1,1,2-Tetrachloroethane					< 23	23	< 30	30	< 12	12	< 5.6	5.6	< 23	23
1,1,2,2-Tetrachloroethane					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,1,2-Trichloroethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethane	270	270	19,000	26,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethene	330	330	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,1-Dichloropropene					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichlorobenzene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichloropropane					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2,4-Trichlorobenzene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	**91**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2-Dibromo-3-chloropropane					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2-Dibromoethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,2-Dichloroethane	20	20	2,300	3,100	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,2-Dichloropropane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	**37**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,3-Dichloropropane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
1,4-Dioxane		100	13,000	13,000	< 87	87	< 100	100	< 100	100	< 84	84	< 86	86
2,2-Dichloropropane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
2-Chlorotoluene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
2-Hexanone (Methyl Butyl Ketone)					< 29	29	< 37	37	< 62	62	< 28	28	< 29	29
2-Isorpropyltoluene					**2.6**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
4-Chlorotoluene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
4-Methyl-2-pentanone					< 29	29	< 37	37	< 62	62	< 28	28	< 29	29
Acetone	50	50	100,000	100,000	**13**	29	**13**	37	< 50	50	**9**	28	**7.9**	29
Acrolein					< 23	23	< 30	30	< 50	50	< 22	22	< 23	23
Acrylonitrile					< 23	23	< 30	30	< 25	25	< 11	11	< 23	23
Benzene	60	60	2,900	4,800	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Bromobenzene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
Bromochloromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Bromodichloromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Bromoform					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Bromomethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Carbon Disulfide					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Carbon tetrachloride	760	760	1,400	2,400	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Chloroethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Chloroform	370	370	10,000	49,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Chloromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
cis-1,3-Dichloropropene					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Dibromochloromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Dibromomethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Dichlorodifluoromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Ethylbenzene	1,000	1,000	30,000	41,000	**2.2**	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Hexachlorobutadiene					< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
Isopropylbenzene					**2.3**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
m&p-Xylenes	160	260	100,000	100,000	**12**	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 35	35	< 44	44	< 75	75	< 34	34	< 35	35
Methyl Isobutyl Ketone					< 12	12	< 15	15	< 25	25	< 11	11	< 12	12
Methylene chloride	50	50	51,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Napthalene	12,000	12,000	100,000	100,000	**31**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
n-Butylbenzene	12,000	12,000	100,000	100,000	**17**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
n-Propylbenzene	3,900	3,900	100,000	100,000	**7.1**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
o-Xylene	160	260	100,000	100,000	**8.3**	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
p-Isopropyltoluene					**8**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
sec-Butylbenzene	11,000	11,000	100,000	100,000	**9.2**	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
Styrene					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Tert-butyl alcohol					< 120	120	< 150	150	< 250	250	< 110	110	< 120	120
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 550	550	< 5.6	5.6	< 5.8	5.8
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Tetrahydrofuran					< 12	12	< 15	15	< 25	25	< 11	11	< 12	12
Toluene	700	700	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
trans-1,3-Dichloropropene					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
trans-1,4-dichloro-2-butene					< 12	12	< 15	15	< 1100	1100	< 11	11	< 12	12
Trichloroethene	470	470	10,000	21,000	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Trichlorofluoromethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Trichlorotrifluoroethane					< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Vinyl Chloride	20	20	210	900	< 5.8	5.8	< 7.4	7.4	< 12	12	< 5.6	5.6	< 5.8	5.8
Total BTEX Concentration					**22.5**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**240.7**		**13**		**0**		**9**		**7.9**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results									
					SW1		SW2		SW3		SW4		SW5	
					9'		9'		9'		9'		9'	
					11/27/2017		11/27/2017		12/4/2017		12/4/2017		12/8/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,1,1,2-Tetrachloroethane					< 53	53	< 5.1	5.1	< 23	23	< 22	22	< 19	19
1,1,2,2-Tetrachloroethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,1,2-Trichloroethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,1-Dichloroethane	270	270	19,000	26,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,1-Dichloroethene	330	330	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,1-Dichloropropene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2,3-Trichlorobenzene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2,3-Trichloropropane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2,4-Trichlorobenzene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2-Dibromo-3-chloropropane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2-Dibromoethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2-Dichloroethane	20	20	2,300	3,100	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,2-Dichloropropane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,3-Dichloropropane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
1,4-Dioxane		100	13,000	13,000	< 100	100	< 77	77	< 85	85	< 81	81	< 70	70
2,2-Dichloropropane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
2-Chlorotoluene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
2-Hexanone (Methyl Butyl Ketone)					< 67	67	< 26	26	< 28	28	< 27	27	< 23	23
2-Isorpropyltoluene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
4-Chlorotoluene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
4-Methyl-2-pentanone					< 67	67	< 26	26	< 28	28	< 27	27	< 23	23
Acetone	50	50	100,000	100,000	**20**	50	**7.1**	26	**14**	28	< 27	27	**6.3**	23
Acrolein					< 53	53	< 20	20	< 23	23	< 22	22	< 19	19
Acrylonitrile					< 53	53	< 10	10	< 23	23	< 22	22	< 19	19
Benzene	60	60	2,900	4,800	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Bromobenzene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Bromochloromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Bromodichloromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Bromoform					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Bromomethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Carbon Disulfide					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Carbon tetrachloride	760	760	1,400	2,400	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Chlorobenzene	1,100	1,100	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Chloroethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Chloroform	370	370	10,000	49,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Chloromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
cis-1,3-Dichloropropene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Dibromochloromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Dibromomethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Dichlorodifluoromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Ethylbenzene	1,000	1,000	30,000	41,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Hexachlorobutadiene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Isopropylbenzene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
m&p-Xylenes	160	260	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 80	80	< 31	31	< 34	34	< 33	33	< 28	28
Methyl Isobutyl Ketone					< 27	27	< 10	10	< 11	11	< 11	11	< 9.3	9.3
Methylene chloride	50	50	51,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Napthalene	12,000	12,000	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
n-Butylbenzene	12,000	12,000	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
n-Propylbenzene	3,900	3,900	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
o-Xylene	160	260	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
p-Isopropyltoluene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Styrene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Tert-butyl alcohol					< 270	270	< 100	100	< 110	110	< 110	110	< 93	93
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Tetrachloroethene	1,300	1,300	5,000	19,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Tetrahydrofuran					**8.6**	27	< 10	10	< 11	11	< 11	11	< 9.3	9.3
Toluene	700	700	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
trans-1,3-Dichloropropene					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
trans-1,4-dichloro-2-butene					< 27	27	< 10	10	< 11	11	< 11	11	< 9.3	9.3
Trichloroethene	470	470	10,000	21,000	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Trichlorofluoromethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Trichlorotrifluoroethane					< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Vinyl Chloride	20	20	210	900	< 13	13	< 5.1	5.1	< 5.7	5.7	< 5.4	5.4	< 4.7	4.7
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**28.6**		**7.1**		**14**		**0**		**6.3**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results									
					SW5 (1)		SW6		SW7		SW-8		SW9	
					9'		9'		9'		9'		9'	
					12/13/2017		12/8/2017		12/8/2017		12/8/2017		12/11/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,1,1,2-Tetrachloroethane					< 24	24	< 32	32	< 26	26	< 30	30	< 20	20
1,1,2,2-Tetrachloroethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,1,2-Trichloroethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,1-Dichloroethane	270	270	19,000	26,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,1-Dichloroethene	330	330	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,1-Dichloropropene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2,3-Trichlorobenzene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2,3-Trichloropropane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2,4-Trichlorobenzene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**6.3**	7.6	< 4.9	4.9
1,2-Dibromo-3-chloropropane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2-Dibromoethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2-Dichloroethane	20	20	2,300	3,100	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,2-Dichloropropane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**2.1**	7.6	< 4.9	4.9
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,3-Dichloropropane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
1,4-Dioxane		100	13,000	13,000	< 90	90	< 100	100	< 98	98	< 100	100	< 74	74
2,2-Dichloropropane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
2-Chlorotoluene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
2-Hexanone (Methyl Butyl Ketone)					< 30	30	< 40	40	< 33	33	< 38	38	< 25	25
2-Isorpropyltoluene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**2.2**	7.6	< 4.9	4.9
4-Chlorotoluene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
4-Methyl-2-pentanone					< 30	30	< 40	40	< 33	33	< 38	38	< 25	25
Acetone	50	50	100,000	100,000	**14**	30	**44**	40	**21**	33	**18**	38	**12**	25
Acrolein					< 24	24	< 32	32	< 26	26	< 30	30	< 20	20
Acrylonitrile					< 24	24	< 32	32	< 26	26	< 30	30	< 20	20
Benzene	60	60	2,900	4,800	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Bromobenzene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Bromochloromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Bromodichloromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Bromoform					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Bromomethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Carbon Disulfide					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Carbon tetrachloride	760	760	1,400	2,400	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Chlorobenzene	1,100	1,100	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Chloroethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Chloroform	370	370	10,000	49,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Chloromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
cis-1,3-Dichloropropene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Dibromochloromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Dibromomethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Dichlorodifluoromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Ethylbenzene	1,000	1,000	30,000	41,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Hexachlorobutadiene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Isopropylbenzene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**1.3**	7.6	< 4.9	4.9
m&p-Xylenes	160	260	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 36	36	< 48	48	< 39	39	< 46	46	< 30	30
Methyl Isobutyl Ketone					< 12	12	< 16	16	< 13	13	< 15	15	< 9.9	9.9
Methylene chloride	50	50	51,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Napthalene	12,000	12,000	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**4.3**	7.6	< 4.9	4.9
n-Butylbenzene	12,000	12,000	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**6.7**	7.6	< 4.9	4.9
n-Propylbenzene	3,900	3,900	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**3.5**	7.6	< 4.9	4.9
o-Xylene	160	260	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
p-Isopropyltoluene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	**4.1**	7.6	< 4.9	4.9
Styrene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Tert-butyl alcohol					< 120	120	< 160	160	< 130	130	< 150	150	< 99	99
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Tetrachloroethene	1,300	1,300	5,000	19,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Tetrahydrofuran					< 12	12	< 16	16	< 13	13	< 15	15	< 9.9	9.9
Toluene	700	700	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
trans-1,3-Dichloropropene					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
trans-1,4-dichloro-2-butene					< 12	12	< 16	16	< 13	13	< 15	15	< 9.9	9.9
Trichloroethene	470	470	10,000	21,000	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Trichlorofluoromethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Trichlorotrifluoroethane					< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Vinyl Chloride	20	20	210	900	< 6.0	6.0	< 8.1	8.1	< 6.6	6.6	< 7.6	7.6	< 4.9	4.9
Total BTEX Concentration					**0**		**0**		**0**		**4.3**		**0**	
Total VOCs Concentration					**14**		**44**		**21**		**48.5**		**12**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results									
					SW10		SW11		SW12		SW13		SW14	
					9'		9'		9'		9'		9'	
					12/11/2017		12/8/2017		12/4/2017		12/4/2017		11/28/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 26	26
1,1,1,2-Tetrachloroethane					< 38	38	< 26	26	< 58	58	< 28	28	< 6.5	6.5
1,1,2,2-Tetrachloroethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,1,2-Trichloroethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,1-Dichloroethane	270	270	19,000	26,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,1-Dichloroethene	330	330	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,1-Dichloropropene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2,3-Trichlorobenzene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2,3-Trichloropropane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2,4-Trichlorobenzene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2-Dibromo-3-chloropropane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2-Dibromoethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2-Dichloroethane	20	20	2,300	3,100	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,2-Dichloropropane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,3-Dichloropropane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
1,4-Dioxane		100	13,000	13,000	< 100	100	< 97	97	< 100	100	< 100	100	< 97	97
2,2-Dichloropropane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
2-Chlorotoluene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
2-Hexanone (Methyl Butyl Ketone)					< 48	48	< 32	32	< 72	72	< 35	35	< 32	32
2-Isorpropyltoluene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
4-Chlorotoluene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
4-Methyl-2-pentanone					< 48	48	< 32	32	< 72	72	< 35	35	< 32	32
Acetone	50	50	100,000	100,000	**15**	48	**41**	32	< 50	50	< 35	35	< 32	32
Acrolein					< 38	38	< 26	26	< 58	58	< 28	28	< 26	26
Acrylonitrile					< 38	38	< 26	26	< 58	58	< 28	28	< 26	26
Benzene	60	60	2,900	4,800	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Bromobenzene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Bromochloromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Bromodichloromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Bromoform					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Bromomethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Carbon Disulfide					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Carbon tetrachloride	760	760	1,400	2,400	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Chlorobenzene	1,100	1,100	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Chloroethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Chloroform	370	370	10,000	49,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Chloromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
cis-1,3-Dichloropropene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Dibromochloromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Dibromomethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Dichlorodifluoromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Ethylbenzene	1,000	1,000	30,000	41,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Hexachlorobutadiene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Isopropylbenzene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
m&p-Xylenes	160	260	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 58	58	< 39	39	< 87	87	< 42	42	< 39	39
Methyl Isobutyl Ketone					< 19	19	< 13	13	< 29	29	< 14	14	< 13	13
Methylene chloride	50	50	51,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Napthalene	12,000	12,000	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
n-Butylbenzene	12,000	12,000	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
n-Propylbenzene	3,900	3,900	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
o-Xylene	160	260	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
p-Isopropyltoluene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Styrene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Tert-butyl alcohol					< 190	190	< 130	130	< 290	290	< 140	140	< 130	130
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Tetrachloroethene	1,300	1,300	5,000	19,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Tetrahydrofuran					< 19	19	< 13	13	< 29	29	< 14	14	< 13	13
Toluene	700	700	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
trans-1,3-Dichloropropene					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
trans-1,4-dichloro-2-butene					< 19	19	< 13	13	< 29	29	< 14	14	< 13	13
Trichloroethene	470	470	10,000	21,000	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Trichlorofluoromethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Trichlorotrifluoroethane					< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Vinyl Chloride	20	20	210	900	< 9.6	9.6	< 6.5	6.5	< 14	14	< 7.0	7.0	< 6.5	6.5
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**15**		**41**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results									
					SW15		SW16		Bottom		Bottom 1		Bottom 2	
					9'		9'		10'		10'		10'	
					11/28/2017		11/27/2017		12/4/2017		11/27/2017		11/27/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,1,1,2-Tetrachloroethane					< 20	20	< 19	19	< 27	27	< 17	17	< 21	21
1,1,2,2-Tetrachloroethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,1,2-Trichloroethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,1-Dichloroethane	270	270	19,000	26,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,1-Dichloroethene	330	330	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,1-Dichloropropene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2,3-Trichlorobenzene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2,3-Trichloropropane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2,4-Trichlorobenzene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2-Dibromo-3-chloropropane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2-Dibromoethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2-Dichloroethane	20	20	2,300	3,100	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,2-Dichloropropane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,3-Dichloropropane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
1,4-Dioxane		100	13,000	13,000	< 74	74	< 73	73	< 100	100	< 65	65	< 78	78
2,2-Dichloropropane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
2-Chlorotoluene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
2-Hexanone (Methyl Butyl Ketone)					< 25	25	< 24	24	< 34	34	< 22	22	< 26	26
2-Isorpropyltoluene					< 4.9	4.9	**11**	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
4-Chlorotoluene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
4-Methyl-2-pentanone					< 25	25	< 24	24	< 34	34	< 22	22	< 26	26
Acetone	50	50	100,000	100,000	**8.1**	25	**18**	24	< 34	34	**20**	22	**31**	26
Acrolein					< 20	20	< 19	19	< 27	27	< 17	17	< 21	21
Acrylonitrile					< 20	20	< 19	19	< 27	27	< 17	17	< 21	21
Benzene	60	60	2,900	4,800	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Bromobenzene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Bromochloromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Bromodichloromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Bromoform					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Bromomethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Carbon Disulfide					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Carbon tetrachloride	760	760	1,400	2,400	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Chlorobenzene	1,100	1,100	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Chloroethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Chloroform	370	370	10,000	49,000	**2.2**	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Chloromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
cis-1,3-Dichloropropene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Dibromochloromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Dibromomethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Dichlorodifluoromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Ethylbenzene	1,000	1,000	30,000	41,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Hexachlorobutadiene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Isopropylbenzene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
m&p-Xylenes	160	260	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 30	30	< 29	29	< 41	41	< 26	26	**8.1**	31
Methyl Isobutyl Ketone					< 9.9	9.9	< 9.7	9.7	< 14	14	< 8.6	8.6	< 10	10
Methylene chloride	50	50	51,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Napthalene	12,000	12,000	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
n-Butylbenzene	12,000	12,000	100,000	100,000	< 4.9	4.9	**120**	300	< 6.8	6.8	< 4.3	4.3	**0.54**	5.2
n-Propylbenzene	3,900	3,900	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
o-Xylene	160	260	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
p-Isopropyltoluene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 4.9	4.9	**44**	300	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Styrene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Tert-butyl alcohol					< 99	99	< 97	97	< 140	140	< 86	86	< 100	100
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 4.9	4.9	**2.7**	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Tetrachloroethene	1,300	1,300	5,000	19,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Tetrahydrofuran					< 9.9	9.9	< 9.7	9.7	< 14	14	< 8.6	8.6	< 10	10
Toluene	700	700	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
trans-1,3-Dichloropropene					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
trans-1,4-dichloro-2-butene					< 9.9	9.9	< 9.7	9.7	< 14	14	< 8.6	8.6	< 10	10
Trichloroethene	470	470	10,000	21,000	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Trichlorofluoromethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Trichlorotrifluoroethane					< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Vinyl Chloride	20	20	210	900	< 4.9	4.9	< 4.8	4.8	< 6.8	6.8	< 4.3	4.3	< 5.2	5.2
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**10.3**		**195.7**		**0**		**20**		**39.64**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results									
					Bottom 3		Bottom 4		Bottom 5		Bottom 6		Bottom 7	
					10'		10'		10'		10'		10'	
					12/4/2017		12/5/2017		12/8/2017		12/8/2017		12/11/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,1,1,2-Tetrachloroethane					< 25	25	< 36	36	< 23	23	< 24	24	< 8.0	8.0
1,1,2,2-Tetrachloroethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,1,2-Trichloroethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,1-Dichloroethane	270	270	19,000	26,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,1-Dichloroethene	330	330	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,1-Dichloropropene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2,3-Trichlorobenzene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2,3-Trichloropropane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2,4-Trichlorobenzene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2-Dibromo-3-chloropropane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2-Dibromoethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2-Dichloroethane	20	20	2,300	3,100	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,2-Dichloropropane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,3-Dichloropropane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
1,4-Dioxane		100	13,000	13,000	< 95	95	< 100	100	< 85	85	< 90	90	< 100	100
2,2-Dichloropropane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
2-Chlorotoluene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
2-Hexanone (Methyl Butyl Ketone)					< 32	32	< 45	45	< 28	28	< 30	30	< 40	40
2-Isorpropyltoluene					< 6.3	6.3	**0.96**	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
4-Chlorotoluene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
4-Methyl-2-pentanone					< 32	32	< 45	45	< 28	28	< 30	30	< 40	40
Acetone	50	50	100,000	100,000	**11**	32	**33**	45	**17**	28	**31**	30	**21**	40
Acrolein					< 25	25	< 36	36	< 23	23	< 24	24	< 32	32
Acrylonitrile					< 25	25	< 36	36	< 23	23	< 24	24	< 16	16
Benzene	60	60	2,900	4,800	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Bromobenzene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Bromochloromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Bromodichloromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Bromoform					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Bromomethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Carbon Disulfide					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Carbon tetrachloride	760	760	1,400	2,400	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Chlorobenzene	1,100	1,100	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Chloroethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Chloroform	370	370	10,000	49,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Chloromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
cis-1,3-Dichloropropene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Dibromochloromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Dibromomethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Dichlorodifluoromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Ethylbenzene	1,000	1,000	30,000	41,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Hexachlorobutadiene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Isopropylbenzene					< 6.3	6.3	**1**	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
m&p-Xylenes	160	260	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 38	38	< 54	54	< 34	34	< 36	36	< 48	48
Methyl Isobutyl Ketone					< 13	13	< 18	18	< 11	11	< 12	12	< 16	16
Methylene chloride	50	50	51,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Napthalene	12,000	12,000	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
n-Butylbenzene	12,000	12,000	100,000	100,000	< 6.3	6.3	**4.4**	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
n-Propylbenzene	3,900	3,900	100,000	100,000	< 6.3	6.3	**2.9**	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
o-Xylene	160	260	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
p-Isopropyltoluene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 6.3	6.3	**2.1**	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Styrene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Tert-butyl alcohol					< 130	130	< 180	180	< 110	110	< 120	120	< 160	160
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Tetrachloroethene	1,300	1,300	5,000	19,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Tetrahydrofuran					< 13	13	< 18	18	< 11	11	< 12	12	< 16	16
Toluene	700	700	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
trans-1,3-Dichloropropene					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
trans-1,4-dichloro-2-butene					< 13	13	< 18	18	< 11	11	< 12	12	< 16	16
Trichloroethene	470	470	10,000	21,000	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Trichlorofluoromethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Trichlorotrifluoroethane					< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Vinyl Chloride	20	20	210	900	< 6.3	6.3	< 9.0	9.0	< 5.7	5.7	< 6.0	6.0	< 8.0	8.0
Total BTEX Concentration					**0**		**3.1**		**0**		**0**		**0**	
Total VOCs Concentration					**11**		**44.36**		**17**		**31**		**21**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Former Fueling Area HS EP Sample Results								Spill Results	
					Bottom 8		Bottom 9		Bottom 11		Bottom 12		Spill Bottom	
					10'		10'		10'		10'		10'	
					12/11/2017		12/5/2017		11/28/2017		11/28/2017		12/6/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,1,1,2-Tetrachloroethane					< 41	41	< 7.0	7.0	< 6.3	6.3	< 30	30	< 28	28
1,1,2,2-Tetrachloroethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,1,2-Trichloroethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,1-Dichloroethane	270	270	19,000	26,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,1-Dichloroethene	330	330	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,1-Dichloropropene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2,3-Trichlorobenzene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2,3-Trichloropropane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2,4-Trichlorobenzene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2-Dibromo-3-chloropropane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2-Dibromoethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2-Dichloroethane	20	20	2,300	3,100	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,2-Dichloropropane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,3-Dichloropropane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
1,4-Dioxane		100	13,000	13,000	< 100	100	< 100	100	< 95	95	< 100	100	< 100	100
2,2-Dichloropropane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
2-Chlorotoluene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
2-Hexanone (Methyl Butyl Ketone)					< 51	51	< 35	35	< 32	32	< 38	38	< 35	35
2-Isorpropyltoluene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
4-Chlorotoluene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
4-Methyl-2-pentanone					< 51	51	< 35	35	< 32	32	< 38	38	< 35	35
Acetone	50	50	100,000	100,000	**16**	51	**20**	35	**7.4**	32	**12**	38	< 35	35
Acrolein					< 41	41	< 28	28	< 25	25	< 30	30	< 28	28
Acrylonitrile					< 41	41	< 14	14	< 13	13	< 30	30	< 28	28
Benzene	60	60	2,900	4,800	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Bromobenzene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Bromochloromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Bromodichloromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Bromoform					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Bromomethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Carbon Disulfide					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Carbon tetrachloride	760	760	1,400	2,400	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Chlorobenzene	1,100	1,100	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Chloroethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Chloroform	370	370	10,000	49,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Chloromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
cis-1,3-Dichloropropene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Dibromochloromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Dibromomethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Dichlorodifluoromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Ethylbenzene	1,000	1,000	30,000	41,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Hexachlorobutadiene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Isopropylbenzene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
m&p-Xylenes	160	260	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 62	62	< 42	42	< 38	38	< 45	45	< 43	43
Methyl Isobutyl Ketone					< 21	21	< 14	14	< 13	13	< 15	15	< 14	14
Methylene chloride	50	50	51,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Napthalene	12,000	12,000	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
n-Butylbenzene	12,000	12,000	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
n-Propylbenzene	3,900	3,900	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
o-Xylene	160	260	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
p-Isopropyltoluene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Styrene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Tert-butyl alcohol					< 210	210	< 140	140	< 130	130	< 150	150	< 140	140
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Tetrachloroethene	1,300	1,300	5,000	19,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Tetrahydrofuran					< 21	21	< 14	14	< 13	13	< 15	15	< 14	14
Toluene	700	700	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
trans-1,3-Dichloropropene					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
trans-1,4-dichloro-2-butene					< 21	21	< 14	14	< 13	13	< 15	15	< 14	14
Trichloroethene	470	470	10,000	21,000	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Trichlorofluoromethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Trichlorotrifluoroethane					< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Vinyl Chloride	20	20	210	900	< 10	10	< 7.0	7.0	< 6.3	6.3	< 7.6	7.6	< 7.1	7.1
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**16**		**20**		**7.4**		**12**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results									
					EPA1		EPA2		EPA3		EPA4		EPA5	
					16'		16'		16'		17'		17'	
					8/29/2019		8/29/2019		8/29/2019		8/29/2019		8/29/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 5.4	5.4	< 1500	1,500	< 3.1	3.1	< 30	30	< 6.9	6.9
1,1,1,2-Tetrachloroethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,1,2,2-Tetrachloroethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,1,2-Trichloroethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,1-Dichloroethane	270	270	19,000	26,000	< 5.4	5.4	< 270	270	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,1-Dichloroethene	330	330	100,000	100,000	< 5.4	5.4	< 330	330	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,1-Dichloropropene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2,3-Trichlorobenzene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2,3-Trichloropropane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2,4-Trichlorobenzene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2-Dibromo-3-chloropropane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2-Dibromoethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2-Dichloroethane	20	20	2,300	3,100	< 5.4	5.4	< 3.0	3.0	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,2-Dichloropropane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,3-Dichloropropane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
1,4-Dioxane		100	13,000	13,000	< 81	81	< 45	45	< 47	47	< 100	100	< 100	100
2,2-Dichloropropane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
2-Chlorotoluene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
2-Hexanone (Methyl Butyl Ketone)					< 27	27	< 1800	1,800	< 16	16	< 38	38	< 35	35
2-Isorpropyltoluene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
4-Chlorotoluene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
4-Methyl-2-pentanone					< 27	27	< 1800	1,800	< 16	16	< 38	38	< 35	35
Acetone	50	50	100,000	100,000	**8.5**	27	**19**	15	< 16	16	**38**	38	< 35	35
Acrolein					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Acrylonitrile					< 11	11	< 730	730	< 6.2	6.2	< 30	30	< 14	14
Benzene	60	60	2,900	4,800	< 5.4	5.4	< 60	60	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Bromobenzene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Bromochloromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Bromodichloromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Bromoform					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Bromomethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Carbon Disulfide					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Carbon tetrachloride	760	760	1,400	2,400	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Chlorobenzene	1,100	1,100	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Chloroethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Chloroform	370	370	10,000	49,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Chloromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 5.4	5.4	< 250	250	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
cis-1,3-Dichloropropene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Dibromochloromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Dibromomethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Dichlorodifluoromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Ethylbenzene	1,000	1,000	30,000	41,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Hexachlorobutadiene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Isopropylbenzene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
m&p-Xylenes	160	260	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 32	32	< 18	18	< 19	19	< 45	45	< 41	41
Methyl Isobutyl Ketone					< 11	11	< 730	730	< 6.2	6.2	< 15	15	< 14	14
Methylene chloride	50	50	51,000	100,000	< 5.4	5.4	< 3.0	3.0	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Napthalene	12,000	12,000	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
n-Butylbenzene	12,000	12,000	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
n-Propylbenzene	3,900	3,900	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
o-Xylene	160	260	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
p-Isopropyltoluene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Styrene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Tert-butyl alcohol					< 110	110	< 7300	7,300	< 62	62	< 150	150	< 140	140
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Tetrachloroethene	1,300	1,300	5,000	19,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Tetrahydrofuran					< 11	11	< 730	730	**1.9**	6.2	**10**	15	< 14	14
Toluene	700	700	100,000	100,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 5.4	5.4	< 190	190	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
trans-1,3-Dichloropropene					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
trans-1,4-dichloro-2-butene					< 11	11	< 730	730	< 6.2	6.2	< 15	15	< 14	14
Trichloroethene	470	470	10,000	21,000	< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Trichlorofluoromethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Trichlorotrifluoroethane					< 5.4	5.4	< 370	370	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Vinyl Chloride	20	20	210	900	< 5.4	5.4	< 3.0	3.0	< 3.1	3.1	< 7.6	7.6	< 6.9	6.9
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**8.5**		**19**		**1.9**		**48**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results									
					EPA6		EP7A		EPB1		EPB2		EPB3	
					16'		16'		16'		16'		16'	
					9/17/2019		9/17/2019		9/17/2019		9/18/2019		9/18/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 31	31	< 30	30
1,1,1,2-Tetrachloroethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,1,2,2-Tetrachloroethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,1,2-Trichloroethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,1-Dichloroethane	270	270	19,000	26,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,1-Dichloroethene	330	330	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,1-Dichloropropene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2,3-Trichlorobenzene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2,3-Trichloropropane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2,4-Trichlorobenzene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2-Dibromo-3-chloropropane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2-Dibromoethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2-Dichloroethane	20	20	2,300	3,100	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,2-Dichloropropane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,3-Dichloropropane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
1,4-Dioxane		100	13,000	13,000	< 100	100	< 98	98	< 100	100	< 100	100	< 100	100
2,2-Dichloropropane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
2-Chlorotoluene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
2-Hexanone (Methyl Butyl Ketone)					< 39	39	< 33	33	< 37	37	< 39	39	< 37	37
2-Isorpropyltoluene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
4-Chlorotoluene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
4-Methyl-2-pentanone					< 39	39	< 33	33	< 37	37	< 39	39	< 37	37
Acetone	50	50	100,000	100,000	< 39	39	**26**	33	< 37	37	< 39	39	< 37	37
Acrolein					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Acrylonitrile					< 16	16	< 13	13	< 15	15	< 16	16	< 30	30
Benzene	60	60	2,900	4,800	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Bromobenzene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Bromochloromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Bromodichloromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Bromoform					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Bromomethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Carbon Disulfide					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Carbon tetrachloride	760	760	1,400	2,400	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Chloroethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Chloroform	370	370	10,000	49,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Chloromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
cis-1,3-Dichloropropene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Dibromochloromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Dibromomethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Dichlorodifluoromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Hexachlorobutadiene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Isopropylbenzene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
m&p-Xylenes	160	260	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 47	47	< 39	39	< 45	45	< 47	47	< 44	44
Methyl Isobutyl Ketone					< 16	16	< 13	13	< 15	15	< 16	16	< 15	15
Methylene chloride	50	50	51,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Napthalene	12,000	12,000	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
n-Butylbenzene	12,000	12,000	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
n-Propylbenzene	3,900	3,900	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
o-Xylene	160	260	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
p-Isopropyltoluene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Styrene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Tert-butyl alcohol					< 160	160	< 130	130	< 150	150	< 160	160	< 150	150
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Tetrahydrofuran					**4**	16	**4.2**	13	**7.5**	15	**4.2**	16	< 15	15
Toluene	700	700	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
trans-1,3-Dichloropropene					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
trans-1,4-dichloro-2-butene					< 16	16	< 13	13	< 15	15	< 16	16	< 15	15
Trichloroethene	470	470	10,000	21,000	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Trichlorofluoromethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Trichlorotrifluoroethane					< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Vinyl Chloride	20	20	210	900	< 7.9	7.9	< 6.6	6.6	< 7.4	7.4	< 7.8	7.8	< 7.4	7.4
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**4**		**30.2**		**7.5**		**4.2**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results									
					EPB4		EPB5		EPB6		EP 7B		EPC1	
					18'		18'		16'		16'		16'	
					9/18/2019		9/18/2019		9/17/2019		9/17/2019		9/17/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 8.6	8.6	< 33	33	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1,1,2-Tetrachloroethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1,2,2-Tetrachloroethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1,2-Trichloroethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1-Dichloroethane	270	270	19,000	26,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1-Dichloroethene	330	330	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,1-Dichloropropene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2,3-Trichlorobenzene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2,3-Trichloropropane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2,4-Trichlorobenzene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2-Dibromo-3-chloropropane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2-Dibromoethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2-Dichloroethane	20	20	2,300	3,100	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,2-Dichloropropane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,3-Dichloropropane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
1,4-Dioxane		100	13,000	13,000	< 100	100	< 100	100	< 100	100	< 46	46	< 97	97
2,2-Dichloropropane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
2-Chlorotoluene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
2-Hexanone (Methyl Butyl Ketone)					< 43	43	< 41	41	< 44	44	< 15	15	< 32	32
2-Isorpropyltoluene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
4-Chlorotoluene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
4-Methyl-2-pentanone					< 43	43	< 41	41	< 44	44	< 15	15	< 32	32
Acetone	50	50	100,000	100,000	< 43	43	< 41	41	< 44	44	**25**	15	< 32	32
Acrolein					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Acrylonitrile					< 17	17	< 33	33	< 17	17	< 6.1	6.1	< 13	13
Benzene	60	60	2,900	4,800	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Bromobenzene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Bromochloromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Bromodichloromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Bromoform					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Bromomethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Carbon Disulfide					< 8.6	8.6	**1.9**	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Carbon tetrachloride	760	760	1,400	2,400	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Chlorobenzene	1,100	1,100	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Chloroethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Chloroform	370	370	10,000	49,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Chloromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
cis-1,3-Dichloropropene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Dibromochloromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Dibromomethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Dichlorodifluoromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Ethylbenzene	1,000	1,000	30,000	41,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Hexachlorobutadiene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Isopropylbenzene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
m&p-Xylenes	160	260	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 52	52	< 49	49	< 52	52	< 18	18	< 39	39
Methyl Isobutyl Ketone					< 17	17	< 16	16	< 17	17	< 6.1	6.1	< 13	13
Methylene chloride	50	50	51,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Napthalene	12,000	12,000	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
n-Butylbenzene	12,000	12,000	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
n-Propylbenzene	3,900	3,900	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
o-Xylene	160	260	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
p-Isopropyltoluene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Styrene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Tert-butyl alcohol					< 170	170	< 160	160	< 170	170	< 61	61	< 130	130
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Tetrachloroethene	1,300	1,300	5,000	19,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Tetrahydrofuran					**8.7**	17	**6.2**	16	< 17	17	< 6.1	6.1	< 13	13
Toluene	700	700	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
trans-1,3-Dichloropropene					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
trans-1,4-dichloro-2-butene					< 17	17	< 16	16	< 17	17	< 6.1	6.1	< 13	13
Trichloroethene	470	470	10,000	21,000	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Trichlorofluoromethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Trichlorotrifluoroethane					< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Vinyl Chloride	20	20	210	900	< 8.6	8.6	< 8.2	8.2	< 8.7	8.7	< 3.0	3.0	< 6.5	6.5
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**8.7**		**8.1**		**0**		**25**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results									
					EPC2		EPC3		EPC4		EPC5		EPC6	
					16'		16'		16'		21'		21'	
					9/18/2019		9/18/2019		9/18/2019		9/17/2019		9/17/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 15	15	< 10	10	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1,1,2-Tetrachloroethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1,2,2-Tetrachloroethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1,2-Trichloroethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1-Dichloroethane	270	270	19,000	26,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1-Dichloroethene	330	330	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,1-Dichloropropene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2,3-Trichlorobenzene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2,3-Trichloropropane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2,4-Trichlorobenzene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2-Dibromo-3-chloropropane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2-Dibromoethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2-Dichloroethane	20	20	2,300	3,100	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,2-Dichloropropane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,3-Dichloropropane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
1,4-Dioxane		100	13,000	13,000	< 56	56	< 38	38	< 42	42	< 97	97	< 100	100
2,2-Dichloropropane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
2-Chlorotoluene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
2-Hexanone (Methyl Butyl Ketone)					< 19	19	< 13	13	< 14	14	< 32	32	< 38	38
2-Isorpropyltoluene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
4-Chlorotoluene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
4-Methyl-2-pentanone					< 19	19	< 13	13	< 14	14	< 32	32	< 38	38
Acetone	50	50	100,000	100,000	< 19	19	< 13	13	**3.2**	14	< 32	32	< 38	38
Acrolein					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Acrylonitrile					< 7.5	7.5	< 10	10	< 5.6	5.6	< 13	13	< 15	15
Benzene	60	60	2,900	4,800	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Bromobenzene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Bromochloromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Bromodichloromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Bromoform					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Bromomethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Carbon Disulfide					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Carbon tetrachloride	760	760	1,400	2,400	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Chlorobenzene	1,100	1,100	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Chloroethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Chloroform	370	370	10,000	49,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Chloromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
cis-1,3-Dichloropropene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Dibromochloromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Dibromomethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Dichlorodifluoromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Ethylbenzene	1,000	1,000	30,000	41,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Hexachlorobutadiene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Isopropylbenzene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
m&p-Xylenes	160	260	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 22	22	< 15	15	< 17	17	< 39	39	< 45	45
Methyl Isobutyl Ketone					< 7.5	7.5	< 5.0	5.0	< 5.6	5.6	< 13	13	< 15	15
Methylene chloride	50	50	51,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Napthalene	12,000	12,000	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
n-Butylbenzene	12,000	12,000	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
n-Propylbenzene	3,900	3,900	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
o-Xylene	160	260	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
p-Isopropyltoluene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Styrene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Tert-butyl alcohol					< 75	75	< 50	50	< 56	56	< 130	130	< 150	150
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Tetrachloroethene	1,300	1,300	5,000	19,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Tetrahydrofuran					**2**	7.5	**2**	5.0	< 5.6	5.6	< 13	13	< 15	15
Toluene	700	700	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
trans-1,3-Dichloropropene					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
trans-1,4-dichloro-2-butene					< 7.5	7.5	< 5.0	5.0	< 5.6	5.6	< 13	13	< 15	15
Trichloroethene	470	470	10,000	21,000	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Trichlorofluoromethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Trichlorotrifluoroethane					< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Vinyl Chloride	20	20	210	900	< 3.7	3.7	< 2.5	2.5	< 2.8	2.8	< 6.5	6.5	< 7.5	7.5
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**2**		**2**		**3.2**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results									
					EP 7C		EPD1		EPD2		EPD3		EPD4	
					16'		16'		16'		16'		16'	
					9/17/2019		9/18/2019		9/17/2019		9/17/2019		9/17/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1,1,2-Tetrachloroethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1,2,2-Tetrachloroethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1,2-Trichloroethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1-Dichloroethane	270	270	19,000	26,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1-Dichloroethene	330	330	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,1-Dichloropropene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2,3-Trichlorobenzene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2,3-Trichloropropane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2,4-Trichlorobenzene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2-Dibromo-3-chloropropane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2-Dibromoethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2-Dichloroethane	20	20	2,300	3,100	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,2-Dichloropropane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,3-Dichloropropane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
1,4-Dioxane		100	13,000	13,000	< 100	100	< 37	37	< 100	100	< 100	100	< 100	100
2,2-Dichloropropane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
2-Chlorotoluene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
2-Hexanone (Methyl Butyl Ketone)					< 36	36	< 12	12	< 33	33	< 38	38	< 42	42
2-Isorpropyltoluene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
4-Chlorotoluene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
4-Methyl-2-pentanone					< 36	36	< 12	12	< 33	33	< 38	38	< 42	42
Acetone	50	50	100,000	100,000	< 36	36	< 12	12	< 33	33	**9.5**	38	**9.4**	42
Acrolein					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Acrylonitrile					< 14	14	< 4.9	4.9	< 13	13	< 15	15	< 17	17
Benzene	60	60	2,900	4,800	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Bromobenzene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Bromochloromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Bromodichloromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Bromoform					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Bromomethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Carbon Disulfide					**2.6**	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Carbon tetrachloride	760	760	1,400	2,400	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Chlorobenzene	1,100	1,100	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Chloroethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Chloroform	370	370	10,000	49,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Chloromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
cis-1,3-Dichloropropene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Dibromochloromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Dibromomethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Dichlorodifluoromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Ethylbenzene	1,000	1,000	30,000	41,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Hexachlorobutadiene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Isopropylbenzene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
m&p-Xylenes	160	260	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 43	43	< 15	15	< 40	40	< 46	46	< 51	51
Methyl Isobutyl Ketone					< 14	14	< 4.9	4.9	< 13	13	< 15	15	< 17	17
Methylene chloride	50	50	51,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Napthalene	12,000	12,000	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
n-Butylbenzene	12,000	12,000	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
n-Propylbenzene	3,900	3,900	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
o-Xylene	160	260	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
p-Isopropyltoluene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Styrene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Tert-butyl alcohol					< 140	140	< 49	49	< 130	130	< 150	150	< 170	170
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Tetrachloroethene	1,300	1,300	5,000	19,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Tetrahydrofuran					< 14	14	< 4.9	4.9	**4.5**	13	< 15	15	< 17	17
Toluene	700	700	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
trans-1,3-Dichloropropene					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
trans-1,4-dichloro-2-butene					< 14	14	< 4.9	4.9	< 13	13	< 15	15	< 17	17
Trichloroethene	470	470	10,000	21,000	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Trichlorofluoromethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Trichlorotrifluoroethane					< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Vinyl Chloride	20	20	210	900	< 7.2	7.2	< 2.5	2.5	< 6.7	6.7	< 7.7	7.7	< 8.4	8.4
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**2.6**		**0**		**4.5**		**9.5**		**9.4**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 23
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results											
					EPD5		EP 6D		EP 7D		Duplicate		Duplicate		Duplicate	
					16'		16'		16'				B4 (16')		A4 (17')	
					9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/18/2019		9/20/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1-Trichloroethane	680	680	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 17	17	< 8.9	8.9	< 8.1	8.1
1,1,1,2-Tetrachloroethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,1,2,2-Tetrachloroethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,1,2-Trichloroethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,1-Dichloroethane	270	270	19,000	26,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,1-Dichloroethene	330	330	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,1-Dichloropropene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2,3-Trichlorobenzene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2,3-Trichloropropane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2,4-Trichlorobenzene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	**5.3**	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2-Dibromo-3-chloropropane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2-Dibromoethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2-Dichloroethane	20	20	2,300	3,100	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,2-Dichloropropane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	**1.1**	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,3-Dichloropropane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
1,4-Dioxane		100	13,000	13,000	< 100	100	< 100	100	< 100	100	< 65	65	< 100	100	< 100	100
2,2-Dichloropropane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
2-Chlorotoluene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
2-Hexanone (Methyl Butyl Ketone)					< 45	45	< 35	35	< 43	43	< 22	22	< 45	45	< 40	40
2-Isorpropyltoluene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
4-Chlorotoluene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
4-Methyl-2-pentanone					< 45	45	< 35	35	< 43	43	< 22	22	< 45	45	< 40	40
Acetone	50	50	100,000	100,000	**37**	45	< 35	35	**24**	43	< 22	22	< 45	45	< 40	40
Acrolein					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Acrylonitrile					< 18	18	< 14	14	< 17	17	< 17	17	< 18	18	< 16	16
Benzene	60	60	2,900	4,800	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Bromobenzene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Bromochloromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Bromodichloromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Bromoform					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Bromomethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Carbon Disulfide					< 9.1	9.1	**2.4**	7.0	**4.3**	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Carbon tetrachloride	760	760	1,400	2,400	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Chlorobenzene	1,100	1,100	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Chloroethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Chloroform	370	370	10,000	49,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Chloromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
cis-1,3-Dichloropropene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Dibromochloromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Dibromomethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Dichlorodifluoromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Ethylbenzene	1,000	1,000	30,000	41,000	**1.5**	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Hexachlorobutadiene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Isopropylbenzene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
m&p-Xylenes	160	260	100,000	100,000	**6.8**	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Methyl Ethyl Ketone (2-Butanone)	120	120	100,000	100,000	< 54	54	< 42	42	< 51	51	< 26	26	< 54	54	< 48	48
Methyl Isobutyl Ketone					< 18	18	< 14	14	< 17	17	< 8.7	8.7	< 18	18	< 16	16
Methylene chloride	50	50	51,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Napthalene	12,000	12,000	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
n-Butylbenzene	12,000	12,000	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
n-Propylbenzene	3,900	3,900	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
o-Xylene	160	260	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
p-Isopropyltoluene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Styrene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Tert-butyl alcohol					< 180	180	< 140	140	< 170	170	< 87	87	< 180	180	< 160	160
tert-Butylbenzene	5,900	5,900	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Tetrachloroethene	1,300	1,300	5,000	19,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Tetrahydrofuran					**8.1**	18	< 14	14	< 17	17	< 8.7	8.7	< 18	18	< 16	16
Toluene	700	700	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
trans-1,3-Dichloropropene					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
trans-1,4-dichloro-2-butene					< 18	18	< 14	14	< 17	17	< 8.7	8.7	< 18	18	< 16	16
Trichloroethene	470	470	10,000	21,000	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Trichlorofluoromethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Trichlorotrifluoroethane					< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Vinyl Chloride	20	20	210	900	< 9.1	9.1	< 7.0	7.0	< 8.6	8.6	< 4.3	4.3	< 8.9	8.9	< 8.1	8.1
Total BTEX Concentration					**0**		**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration					**59.8**		**2.4**		**28.3**		**0**		**0**		**0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 1 Sample Results											
					HS 1 N Corner		HS1 E		HS1E @ 11 FT		HS 1 E AT 12 FT		HS 1 E AT 13 FT		HS 1 E @ 14'	
					2'		2'		2'		2'		2'		2'	
					12/6/2017		11/2/2017		11/8/2017		11/8/2017		11/8/2017		11/16/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
1,2,4-Trichorobenzene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
1,2-Diphenylhydrazine					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2,4,5-Trichlorophenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2,4,6-Trichlorophenol					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
2,4-Dichlorophenol					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
2,4-Dimethylphenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2,4-Dinitrophenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2,4-Dinitrotoluene					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
2,6-Dinitrotoluene					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
2-Chloronaphthalene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2-Chlorophenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2-Methylnaphthalene					**720**	260	**160**	270	< 250	250	< 250	250	200	250	< 250	250
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2-Nitroaniline					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
2-Nitrophenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
3&4-Methylphenol (p-cresol)					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
3,3'-Dichlorobenzidine					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
3-Nitroaniline					< 370	370	< 390	390	< 360	360	< 360	360	< 360	360	< 360	360
4,6-Dinitro-2-methylphenol					< 220	220	< 230	230	< 220	220	< 220	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
4-Chloro-3-methylphenol					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
4-Chloroaniline					< 300	300	< 310	310	< 290	290	< 290	290	< 290	290	< 290	290
4-Chlorophenyl phenyl ether					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
4-Nitroaniline					< 370	370	< 390	390	< 360	360	< 360	360	< 360	360	< 360	360
4-Nitrophenol					< 370	370	< 390	390	< 360	360	< 360	360	< 360	360	< 360	360
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	**180**	270	< 250	250	< 250	250	**310**	250	**200**	250
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	**450**	270	< 250	250	< 250	250	**340**	250	**120**	250
Acetophenone					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Aniline					< 300	300	< 310	310	< 290	290	< 290	290	< 290	290	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	**270**	260	**1,100**	270	**200**	250	**170**	250	**750**	250	**430**	250
Benz(a)anthracene	1,000	1,000	1,000	1,000	**740**	260	**5,100**	270	**950**	250	**980**	250	**3,600**	250	**1,700**	250
Benzidine					< 370	370	< 390	390	< 360	360	< 360	360	< 360	360	< 360	360
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**650**	190	**4,200**	190	**1,300**	180	**1,100**	180	**3,900**	180	**1,700**	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**640**	260	**4,600**	270	**1,000**	250	**940**	250	**3,600**	250	**1,500**	250
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**390**	260	**2,000**	270	**760**	250	**620**	250	**2,200**	250	**1,200**	250
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**570**	260	**3,400**	270	**1,100**	250	**950**	250	**3,400**	250	**1,500**	250
Benzoic Acid					< 1900	1900	< 1900	1900	< 1800	1800	< 1800	1800	< 1800	1800	< 1800	1800
Benzyl butyl phthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-chloroethoxy)methane					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-chloroethyl)ether					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
Bis(2-chloroisopropyl)ether					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Bis(2-ethylhexyl)phthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Carbazole					< 190	190	**220**	190	< 180	180	< 180	180	**700**	180	**230**	180
Chrysene	1,000	1,000	1,000	3,900	**840**	260	**5,200**	270	**1,100**	250	**1,100**	250	**4,600**	250	**2,000**	250
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 190	190	**560**	190	**180**	180	**150**	180	**640**	180	**400**	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 260	260	**200**	270	< 250	250	< 250	250	**420**	250	**150**	250
Diethylphthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Dimethylphthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Di-n-butylphthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Di-n-octylphthalate					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Fluoranthene	1,000,000	100,000	100,000	100,000	**1,500**	260	**9,700**	2700	**2,000**	250	**2,000**	250	**7,600**	2500	**3,800**	250
Fluorene	386,000	30,000	100,000	100,000	**350**	260	**320**	270	< 250	250	< 250	250	**380**	250	**190**	250
Hexachlorobenzene					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
Hexachlorobutadiene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Hexachlorocyclopentadiene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Hexachloroethane					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**430**	260	**2,300**	270	**930**	250	**770**	250	**2,600**	250	**1,300**	250
Isophorone					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	**190**	260	**280**	270	< 250	250	< 250	250	**440**	250	**160**	250
Nitrobenzene					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
N-Nitrosodimethylamine					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
N-Nitrosodi-n-propylamine					< 190	190	< 190	190	< 180	180	< 180	180	< 180	180	< 180	180
N-Nitrosodiphenylamine					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Pentachloronitrobenzene					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 230	230	< 220	220	< 220	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	**1,800**	260	**4,600**	270	**1,300**	250	**1,000**	250	**6,000**	2500	**2,400**	250
Phenol	330	330	100,000	100,000	< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250
Pyrene	1,000,000	100,000	100,000	100,000	**1,500**	260	**8,800**	2700	**1,800**	250	**1,800**	250	**6,800**	2500	**3,500**	250
Pyridine					< 260	260	< 270	270	< 250	250	< 250	250	< 250	250	< 250	250

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 1 Sample Results											
					HS 1 E @ 15'		HS 1 E @ 16'		HS 1 E AT 17 FT		HS 1 E AT 18 FT		HS 1 E AT 19 FT		HS1 W	
					2'		2'		2'		2'		2'		2'	
					11/16/2017		11/16/2017		11/22/2017		11/22/2017		11/22/2017		11/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,4-Dichlorophenol					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,4-Dimethylphenol					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2,4-Dinitrophenol					< 250	250	< 250	250	< 260	260	**280**	250	< 260	260	< 260	260
2,4-Dinitrotoluene					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,6-Dinitrotoluene					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2-Chloronaphthalene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2-Chlorophenol					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2-Methylnaphthalene					< 250	250	< 250	250	**150**	260	**120**	250	< 260	260	**170**	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2-Nitroaniline					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
2-Nitrophenol					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
3-Nitroaniline					< 360	360	< 360	360	< 380	380	< 360	360	< 370	370	< 370	370
4,6-Dinitro-2-methylphenol					< 220	220	< 210	210	< 230	230	**570**	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
4-Chloroaniline					< 290	290	< 290	290	< 300	300	< 290	290	< 300	300	< 300	300
4-Chlorophenyl phenyl ether					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
4-Nitroaniline					< 360	360	< 360	360	< 380	380	< 360	360	< 370	370	< 370	370
4-Nitrophenol					< 360	360	< 360	360	< 380	380	< 360	360	< 370	370	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	**130**	250	**260**	250	< 260	260	**400**	250	< 260	260	**160**	260
Acenaphthylene	10,700	100,000	100,000	100,000	**170**	250	< 250	250	**110**	260	< 250	250	< 260	260	**170**	260
Acetophenone					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Aniline					< 290	290	< 290	290	< 300	300	< 290	290	< 300	300	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	**390**	250	**590**	250	**210**	260	**900**	250	< 260	260	**460**	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**2,200**	250	**1,300**	250	**1,200**	260	**2,400**	250	**500**	260	**1,900**	260
Benzidine					< 360	360	< 360	360	< 380	380	< 360	360	< 370	370	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**2,300**	180	**1,100**	180	**1,100**	190	**2,200**	180	**410**	190	**1,700**	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**2,100**	250	**860**	250	**1,000**	260	**1,900**	250	**440**	260	**1,900**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**970**	250	**640**	250	**780**	260	**960**	250	**260**	260	**1,100**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**2,100**	250	**880**	250	**890**	260	**1,600**	250	**360**	260	**1,400**	260
Benzoic Acid					< 1800	1800	< 1800	1800	< 1900	1900	< 1800	1800	< 1900	1900	< 1900	1900
Benzyl butyl phthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Bis(2-chloroisopropyl)ether					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Carbazole					**210**	180	**200**	180	< 190	190	**300**	180	< 190	190	**240**	190
Chrysene	1,000	1,000	1,000	3,900	**2,400**	250	**1,400**	250	**1,300**	260	**2,800**	250	**590**	260	**2,200**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	**230**	180	**150**	180	**180**	190	**240**	180	< 190	190	**290**	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	**160**	250	< 260	260	**240**	250	< 260	260	**170**	260
Diethylphthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Dimethylphthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Di-n-butylphthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Di-n-octylphthalate					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**4,100**	250	**2,800**	250	**2,000**	260	**5,400**	250	**1,100**	260	**4,200**	260
Fluorene	386,000	30,000	100,000	100,000	**130**	250	**260**	250	< 260	260	**380**	250	< 260	260	**210**	260
Hexachlorobenzene					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Hexachlorobutadiene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Hexachloroethane					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**1,200**	250	**700**	250	**780**	260	**1,100**	250	**270**	260	**1,200**	260
Isophorone					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 250	250	**130**	260	**250**	250	< 260	260	**190**	260
Nitrobenzene					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
N-Nitrosodimethylamine					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 180	180	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
N-Nitrosodiphenylamine					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Pentachloronitrobenzene					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 210	210	< 230	230	**170**	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	**2,200**	250	**3,000**	250	**1,200**	260	**5,400**	250	**510**	260	**2,700**	260
Phenol	330	330	100,000	100,000	< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**3,700**	250	**2,800**	250	**1,900**	260	**5,500**	250	**980**	260	**3,700**	260
Pyridine					< 250	250	< 250	250	< 260	260	< 250	250	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

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11 West Street,
Brooklyn, New York
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Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 1 Sample Results											
					HS1W @ 11 FT		HS 1 W AT 12 FT		HS 1 W Corner		HS 1W Corner 1		HS1 S		HS1S @ 11 FT	
					2'		2'		2'		2'		2'		2'	
					11/8/2017		11/8/2017		12/6/2017		12/11/2017		11/2/2017		11/8/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
1,2,4-Trichorobenzene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
1,2-Diphenylhydrazine					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2,4,5-Trichlorophenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2,4,6-Trichlorophenol					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
2,4-Dichlorophenol					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
2,4-Dimethylphenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2,4-Dinitrophenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2,4-Dinitrotoluene					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
2,6-Dinitrotoluene					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
2-Chloronaphthalene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2-Chlorophenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2-Methylnaphthalene					< 260	260	< 250	250	**310**	280	< 430	430	**190**	270	< 240	240
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 250	250	< 280	280	< 330	330	< 270	270	< 240	240
2-Nitroaniline					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
2-Nitrophenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
3&4-Methylphenol (p-cresol)					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
3,3'-Dichlorobenzidine					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
3-Nitroaniline					< 370	370	< 360	360	< 390	390	< 620	620	< 390	390	< 350	350
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 240	240	< 490	490	< 230	230	< 210	210
4-Bromophenyl phenyl ether					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
4-Chloro-3-methylphenol					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
4-Chloroaniline					< 300	300	< 290	290	< 310	310	< 490	490	< 310	310	< 280	280
4-Chlorophenyl phenyl ether					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
4-Nitroaniline					< 370	370	< 360	360	< 390	390	< 620	620	< 390	390	< 350	350
4-Nitrophenol					< 370	370	< 360	360	< 390	390	< 620	620	< 390	390	< 350	350
Acenaphthene	9,800	20,000	100,000	100,000	**410**	260	< 250	250	**540**	280	< 430	430	**170**	270	< 240	240
Acenaphthylene	10,700	100,000	100,000	100,000	**170**	260	< 250	250	**340**	280	< 430	430	**140**	270	< 240	240
Acetophenone					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Aniline					< 300	300	< 290	290	< 310	310	< 490	490	< 310	310	< 280	280
Anthracene	1,000,000	100,000	100,000	100,000	**770**	260	< 250	250	**1,200**	280	< 430	430	**420**	270	< 240	240
Benz(a)anthracene	1,000	1,000	1,000	1,000	**3,700**	260	**660**	250	**5,000**	280	**310**	430	**1,300**	270	< 240	240
Benzidine					< 370	370	< 360	360	< 390	390	< 620	620	< 390	390	< 350	350
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**3,800**	180	**790**	180	**3,900**	200	**300**	310	**1,200**	190	**130**	170
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**3,700**	260	**690**	250	**5,000**	280	**320**	430	**1,500**	270	< 240	240
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**2,200**	260	**470**	250	**2,100**	280	< 430	430	**940**	270	**250**	240
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**3,100**	260	**730**	250	**2,600**	280	**290**	430	**1,100**	270	< 240	240
Benzoic Acid					< 1800	1800	< 1800	1800	< 2000	2000	< 3100	3100	< 1900	1900	< 1700	1700
Benzyl butyl phthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Bis(2-chloroethoxy)methane					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Bis(2-chloroethyl)ether					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
Bis(2-chloroisopropyl)ether					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Bis(2-ethylhexyl)phthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Carbazole					**370**	180	< 180	180	**400**	200	< 310	310	**190**	190	< 170	170
Chrysene	1,000	1,000	1,000	3,900	**4,400**	260	**780**	250	**6,400**	280	**430**	430	**1,700**	270	< 240	240
Dibenz(a,h)anthracene	1,000,000	330	330	330	**310**	180	**120**	180	**580**	200	< 310	310	**200**	190	< 170	170
Dibenzofuran	210,000	7,000	59,000	59,000	**200**	260	< 250	250	**340**	280	< 330	330	**170**	270	< 240	240
Diethylphthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Dimethylphthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Di-n-butylphthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Di-n-octylphthalate					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Fluoranthene	1,000,000	100,000	100,000	100,000	**7,600**	2600	**1,200**	250	**13,000**	2800	**570**	430	**3,000**	270	< 240	240
Fluorene	386,000	30,000	100,000	100,000	**340**	260	< 250	250	**500**	280	< 430	430	**180**	270	< 240	240
Hexachlorobenzene					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
Hexachlorobutadiene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Hexachlorocyclopentadiene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Hexachloroethane					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**2,600**	260	**580**	250	**2,300**	280	**210**	430	**1,000**	270	**290**	240
Isophorone					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
Naphthalene	12,000	12,000	100,000	100,000	**150**	260	< 250	250	**410**	280	< 430	430	**180**	270	< 240	240
Nitrobenzene					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
N-Nitrosodimethylamine					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
N-Nitrosodi-n-propylamine					< 180	180	< 180	180	< 200	200	< 310	310	< 190	190	< 170	170
N-Nitrosodiphenylamine					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Pentachloronitrobenzene					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 240	240	< 370	370	< 230	230	< 210	210
Phenanthrene	1,000,000	100,000	100,000	100,000	**6,900**	260	**700**	250	**12,000**	2800	**470**	430	**1,600**	270	< 240	240
Phenol	330	330	100,000	100,000	< 260	260	< 250	250	< 280	280	< 330	330	< 270	270	< 240	240
Pyrene	1,000,000	100,000	100,000	100,000	**6,700**	2600	**1,200**	250	**12,000**	2800	**490**	430	**2,600**	270	< 240	240
Pyridine					< 260	260	< 250	250	< 280	280	< 430	430	< 270	270	< 240	240

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 1 Sample Results						Hot Spot 2 Sample Results					
					HS 1 S Corner		HS 1 Bottom		HS 1 Bottom Corner		HS2N		HS2E		HS2W	
					2'		3'		3'		2'		2'		2'	
					12/6/2017		11/2/2017		12/6/2017		12/6/2017		12/6/2017		12/6/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
2,4-Dichlorophenol					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
2,4-Dimethylphenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2,4-Dinitrophenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2,4-Dinitrotoluene					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
2,6-Dinitrotoluene					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
2-Chloronaphthalene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2-Chlorophenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2-Methylnaphthalene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2-Nitroaniline					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
2-Nitrophenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
3-Nitroaniline					< 360	360	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 210	210	< 220	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
4-Chloroaniline					< 290	290	< 290	290	< 280	280	< 300	300	< 300	300	< 300	300
4-Chlorophenyl phenyl ether					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
4-Nitroaniline					< 360	360	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
4-Nitrophenol					< 360	360	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Acetophenone					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Aniline					< 290	290	< 290	290	< 280	280	< 300	300	< 300	300	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	**170**	250	< 250	250	< 250	250	< 260	260	< 260	260	**160**	260
Benzidine					< 360	360	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**210**	180	< 180	180	< 180	180	< 190	190	< 180	180	**170**	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**170**	250	< 250	250	< 250	250	< 260	260	< 260	260	**160**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**320**	250	< 250	250	**120**	250	< 260	260	< 260	260	**140**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**170**	250	< 250	250	< 250	250	< 260	260	< 260	260	**150**	260
Benzoic Acid					< 1800	1800	< 1800	1800	< 1800	1800	< 1900	1900	< 1800	1800	< 1800	1800
Benzyl butyl phthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Bis(2-chloroisopropyl)ether					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Carbazole					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Chrysene	1,000	1,000	1,000	3,900	**190**	250	< 250	250	< 250	250	< 260	260	< 260	260	**170**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Diethylphthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Dimethylphthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Di-n-butylphthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Di-n-octylphthalate					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**330**	250	< 250	250	< 250	250	< 260	260	< 260	260	**260**	260
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Hexachlorobenzene					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Hexachlorobutadiene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Hexachloroethane					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**350**	250	< 250	250	< 250	250	< 260	260	< 260	260	**130**	260
Isophorone					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Nitrobenzene					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
N-Nitrosodimethylamine					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 180	180	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180
N-Nitrosodiphenylamine					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Pentachloronitrobenzene					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 210	210	< 220	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	**230**	250	< 250	250	< 250	250	< 260	260	< 260	260	**170**	260
Phenol	330	330	100,000	100,000	< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**310**	250	< 250	250	< 250	250	< 260	260	< 260	260	**240**	260
Pyridine					< 250	250	< 250	250	< 250	250	< 260	260	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 2 Sample Results				Hot Spot 6 Sample Results							
					HS2S		HS2 Bottom		HS6 N		HS 6 N AT 11		HS6N @ 12		HS6 E	
					2'		3'		2'		2'		2'		2'	
					12/6/2017		12/6/2017		11/2/2017		11/8/2017		11/8/2017		11/2/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,2,4-Trichorobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,2-Diphenylhydrazine					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4,5-Trichlorophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4,6-Trichlorophenol					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
2,4-Dichlorophenol					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
2,4-Dimethylphenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4-Dinitrophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2,4-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
2,6-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
2-Chloronaphthalene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Chlorophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Methylnaphthalene					< 250	250	< 260	260	< 260	260	**150**	270	< 270	270	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Nitroaniline					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
2-Nitrophenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
3&4-Methylphenol (p-cresol)					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
3,3'-Dichlorobenzidine					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
3-Nitroaniline					< 360	360	< 370	370	< 380	380	< 380	380	< 390	390	< 390	390
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 230	230	< 230	230	< 230	230	< 230	230
4-Bromophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Chloro-3-methylphenol					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Chloroaniline					< 290	290	< 300	300	< 300	300	< 300	300	< 310	310	< 310	310
4-Chlorophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
4-Nitroaniline					< 360	360	< 370	370	< 380	380	< 380	380	< 390	390	< 390	390
4-Nitrophenol					< 360	360	< 370	370	< 380	380	< 380	380	< 390	390	< 390	390
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 260	260	**180**	260	**420**	270	< 270	270	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 260	260	**180**	260	**150**	270	< 270	270	< 270	270
Acetophenone					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Aniline					< 290	290	< 300	300	< 300	300	< 300	300	< 310	310	< 310	310
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**600**	260	**1,000**	270	< 270	270	**250**	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 250	250	< 260	260	**2,400**	260	**2,900**	270	**140**	270	**800**	270
Benzidine					< 360	360	< 370	370	< 380	380	< 380	380	< 390	390	< 390	390
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 180	180	< 190	190	**2,900**	190	**2,500**	190	**190**	190	**810**	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 250	250	< 260	260	**2,200**	260	**2,100**	270	**150**	270	**680**	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**1,700**	260	**1,400**	270	**130**	270	**470**	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 250	250	< 260	260	**2,300**	260	**2,000**	270	**160**	270	**700**	270
Benzoic Acid					< 1800	1800	< 1900	1900	< 1900	1900	< 1900	1900	< 1900	1900	< 1900	1900
Benzyl butyl phthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-chloroethoxy)methane					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-chloroethyl)ether					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
Bis(2-chloroisopropyl)ether					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Bis(2-ethylhexyl)phthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Carbazole					< 180	180	< 190	190	**310**	190	**260**	190	< 190	190	< 190	190
Chrysene	1,000	1,000	1,000	3,900	< 250	250	< 260	260	**2,300**	260	**3,000**	270	**170**	270	**850**	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 190	190	**480**	190	**330**	190	< 190	190	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 260	260	**150**	260	**160**	270	< 270	270	< 270	270
Diethylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Dimethylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Di-n-butylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Di-n-octylphthalate					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**3,600**	260	**6,300**	270	**180**	270	**1,500**	270
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 260	260	**170**	260	**400**	270	< 270	270	< 270	270
Hexachlorobenzene					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
Hexachlorobutadiene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Hexachlorocyclopentadiene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Hexachloroethane					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 250	250	< 260	260	**2,200**	260	**1600**	270	**160**	270	**540**	270
Isophorone					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 260	260	**170**	260	**150**	270	< 270	270	< 270	270
Nitrobenzene					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
N-Nitrosodimethylamine					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
N-Nitrosodi-n-propylamine					< 180	180	< 190	190	< 190	190	< 190	190	< 190	190	< 190	190
N-Nitrosodiphenylamine					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Pentachloronitrobenzene					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 230	230	< 230	230	< 230	230	< 230	230
Phenanthrene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**2,200**	260	**5,600**	270	**140**	270	**1,200**	270
Phenol	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**3,100**	260	**6,000**	270	**160**	270	**1,300**	270
Pyridine					< 250	250	< 260	260	< 260	260	< 270	270	< 270	270	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Hot Spot 6 Sample Results													
					HS6 W		HS 6 W AT 11		HS6 S		HS 6 S AT 11		HS6 Bottom		HS6 Bottom @ 4		Duplicate	
					2'		2'		2'		2'		3'		4'		HS 6 N AT 11	
					11/2/2017		11/8/2017		11/2/2017		11/8/2017		11/2/2017		11/8/2017		11/8/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
1,2,4-Trichorobenzene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
1,2-Diphenylhydrazine					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2,4,5-Trichlorophenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2,4,6-Trichlorophenol					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
2,4-Dichlorophenol					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
2,4-Dimethylphenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2,4-Dinitrophenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2,4-Dinitrotoluene					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
2,6-Dinitrotoluene					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
2-Chloronaphthalene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2-Chlorophenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2-Methylnaphthalene					**310**	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2-Nitroaniline					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
2-Nitrophenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
3&4-Methylphenol (p-cresol)					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
3,3'-Dichlorobenzidine					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
3-Nitroaniline					< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 370	370	< 380	380
4,6-Dinitro-2-methylphenol					< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 220	220	< 230	230
4-Bromophenyl phenyl ether					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
4-Chloro-3-methylphenol					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
4-Chloroaniline					< 300	300	< 290	290	< 310	310	< 290	290	< 290	290	< 300	300	< 300	300
4-Chlorophenyl phenyl ether					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
4-Nitroaniline					< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 370	370	< 380	380
4-Nitrophenol					< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 370	370	< 380	380
Acenaphthene	9,800	20,000	100,000	100,000	**450**	270	< 260	260	< 270	270	< 260	260	**150**	260	< 260	260	**180**	270
Acenaphthylene	10,700	100,000	100,000	100,000	**320**	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Acetophenone					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Aniline					< 300	300	< 290	290	< 310	310	< 290	290	< 290	290	< 300	300	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	**1200**	270	< 260	260	**130**	270	< 260	260	**310**	260	< 260	260	**660**	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	**4,300**	270	< 260	260	**740**	270	< 260	260	**910**	260	< 260	260	**1,700**	270
Benzidine					< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 370	370	< 380	380
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**4,700**	190	< 180	180	**1,100**	200	< 180	180	**1,300**	180	< 190	190	**1,700**	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**4,300**	270	< 260	260	**710**	270	< 260	260	**890**	260	< 260	260	**1,300**	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	**2,800**	270	< 260	260	**670**	270	< 260	260	**660**	260	< 260	260	**860**	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	**3,300**	270	< 260	260	**790**	270	< 260	260	**910**	260	< 260	260	**1,400**	270
Benzoic Acid					< 1900	1900	< 1800	1800	< 2000	2000	< 1800	1800	< 1800	1800	< 1900	1900	< 1900	1900
Benzyl butyl phthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Bis(2-chloroethoxy)methane					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Bis(2-chloroethyl)ether					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
Bis(2-chloroisopropyl)ether					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Bis(2-ethylhexyl)phthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	**110**	270
Carbazole					**730**	190	< 180	180	< 200	200	< 180	180	**180**	180	< 190	190	**330**	190
Chrysene	1,000	1,000	1,000	3,900	**4,200**	270	< 260	260	**710**	270	< 260	260	**880**	260	< 260	260	**1,600**	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	**940**	190	< 180	180	**240**	200	< 180	180	**240**	180	< 190	190	**150**	190
Dibenzofuran	210,000	7,000	59,000	59,000	**410**	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	**180**	270
Diethylphthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Dimethylphthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Di-n-butylphthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Di-n-octylphthalate					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	**7,400**	270	< 260	260	**690**	270	< 260	260	**1,400**	260	< 260	260	**3,400**	270
Fluorene	386,000	30,000	100,000	100,000	**440**	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	**260**	270
Hexachlorobenzene					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
Hexachlorobutadiene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Hexachlorocyclopentadiene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Hexachloroethane					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	**3,600**	270	< 260	260	**870**	270	< 260	260	**900**	260	< 260	260	**1200**	270
Isophorone					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	**470**	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Nitrobenzene					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
N-Nitrosodimethylamine					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
N-Nitrosodi-n-propylamine					< 190	190	< 180	180	< 200	200	< 180	180	< 180	180	< 190	190	< 190	190
N-Nitrosodiphenylamine					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Pentachloronitrobenzene					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 220	220	< 230	230
Phenanthrene	1,000,000	100,000	100,000	100,000	**5,600**	270	< 260	260	**430**	270	< 260	260	**1,200**	260	< 260	260	**3,000**	270
Phenol	330	330	100,000	100,000	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	**6,500**	270	< 260	260	**610**	270	< 260	260	**1,100**	260	< 260	260	**2,700**	270
Pyridine					< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 260	260	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Fueling Area Hot Spot Sample Results											
					SW1		SW2		SW3		SW4		SW5		SW6	
					9'		9'		9'		9'		9'		9'	
					11/27/2017		11/27/2017		12/4/2017		12/4/2017		12/8/2017		12/8/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
1,2,4-Trichorobenzene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
1,2-Diphenylhydrazine					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2,4,5-Trichlorophenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2,4,6-Trichlorophenol					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
2,4-Dichlorophenol					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
2,4-Dimethylphenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2,4-Dinitrophenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2,4-Dinitrotoluene					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
2,6-Dinitrotoluene					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
2-Chloronaphthalene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2-Chlorophenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2-Methylnaphthalene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2-Nitroaniline					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
2-Nitrophenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
3&4-Methylphenol (p-cresol)					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
3,3'-Dichlorobenzidine					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
3-Nitroaniline					< 360	360	< 350	350	< 350	350	< 350	350	< 360	360	< 360	360
4,6-Dinitro-2-methylphenol					< 220	220	< 210	210	< 210	210	< 210	210	< 210	210	< 220	220
4-Bromophenyl phenyl ether					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
4-Chloro-3-methylphenol					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
4-Chloroaniline					< 290	290	< 280	280	< 280	280	< 280	280	< 290	290	< 290	290
4-Chlorophenyl phenyl ether					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
4-Nitroaniline					< 360	360	< 350	350	< 350	350	< 350	350	< 360	360	< 360	360
4-Nitrophenol					< 360	360	< 350	350	< 350	350	< 350	350	< 360	360	< 360	360
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Acetophenone					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Aniline					< 290	290	< 280	280	< 280	280	< 280	280	< 290	290	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Benzidine					< 360	360	< 350	350	< 350	350	< 350	350	< 360	360	< 360	360
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Benzoic Acid					< 1800	1,800	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1800	1,800	< 1800	1,800
Benzyl butyl phthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Bis(2-chloroethoxy)methane					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Bis(2-chloroethyl)ether					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Bis(2-chloroisopropyl)ether					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Bis(2-ethylhexyl)phthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Carbazole					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Chrysene	1,000	1,000	1,000	3,900	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Diethylphthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Dimethylphthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Di-n-butylphthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Di-n-octylphthalate					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Fluoranthene	1,000,000	100,000	100,000	100,000	< 250	250	**170**	250	< 240	240	< 250	250	**130**	250	< 250	250
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Hexachlorobenzene					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Hexachlorobutadiene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Hexachlorocyclopentadiene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Hexachloroethane					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Isophorone					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Nitrobenzene					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
N-Nitrosodimethylamine					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
N-Nitrosodi-n-propylamine					< 180	180	< 180	180	< 170	170	< 180	180	< 180	180	< 180	180
N-Nitrosodiphenylamine					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Pentachloronitrobenzene					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 210	210	< 210	210	< 210	210	< 210	210	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 250	250	**140**	250	< 240	240	< 250	250	< 250	250	< 250	250
Phenol	330	330	100,000	100,000	< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250
Pyrene	1,000,000	100,000	100,000	100,000	< 250	250	**150**	250	< 240	240	< 250	250	< 250	250	< 250	250
Pyridine					< 250	250	< 250	250	< 240	240	< 250	250	< 250	250	< 250	250

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Fueling Area Hot Spot Sample Results											
					SW7		SW8		SW9		SW10		SW11		SW12	
					9'		9'		9'		9'		9'		9'	
					12/8/2017		12/8/2017		12/11/2017		12/11/2017		12/8/2017		12/4/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
2,4-Dichlorophenol					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
2,4-Dimethylphenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2,4-Dinitrophenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2,4-Dinitrotoluene					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
2,6-Dinitrotoluene					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
2-Chloronaphthalene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2-Chlorophenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2-Methylnaphthalene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2-Nitroaniline					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
2-Nitrophenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
3-Nitroaniline					< 400	400	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
4,6-Dinitro-2-methylphenol					< 240	240	< 220	220	< 210	210	**110**	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
4-Chloroaniline					< 320	320	< 290	290	< 280	280	< 300	300	< 290	290	< 300	300
4-Chlorophenyl phenyl ether					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
4-Nitroaniline					< 400	400	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
4-Nitrophenol					< 400	400	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Acetophenone					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Aniline					< 320	320	< 290	290	< 280	280	< 300	300	< 290	290	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 280	280	**560**	250	< 240	240	< 260	260	< 260	260	< 260	260
Benzidine					< 400	400	< 360	360	< 350	350	< 370	370	< 370	370	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	**640**	180	< 170	170	< 190	190	< 180	180	< 190	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 280	280	**600**	250	< 240	240	< 260	260	< 260	260	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 280	280	**490**	250	< 240	240	< 260	260	< 260	260	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 280	280	**490**	250	< 240	240	< 260	260	< 260	260	< 260	260
Benzoic Acid					< 2000	2,000	< 1800	1,800	< 1700	1,700	< 1900	1,900	< 1800	1,800	< 1900	1,900
Benzyl butyl phthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Bis(2-chloroisopropyl)ether					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Carbazole					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Chrysene	1,000	1,000	1,000	3,900	< 280	280	**590**	250	< 240	240	< 260	260	< 260	260	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Diethylphthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Dimethylphthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Di-n-butylphthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Di-n-octylphthalate					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	< 280	280	**730**	250	< 240	240	< 260	260	< 260	260	< 260	260
Fluorene	386,000	30,000	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Hexachlorobenzene					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Hexachlorobutadiene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Hexachloroethane					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 280	280	**520**	250	< 240	240	< 260	260	< 260	260	< 260	260
Isophorone					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Nitrobenzene					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
N-Nitrosodimethylamine					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 200	200	< 180	180	< 170	170	< 190	190	< 180	180	< 190	190
N-Nitrosodiphenylamine					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Pentachloronitrobenzene					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 220	220	< 210	210	< 220	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 280	280	**120**	250	< 240	240	< 260	260	< 260	260	< 260	260
Phenol	330	330	100,000	100,000	< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	< 280	280	**770**	250	< 240	240	< 260	260	< 260	260	< 260	260
Pyridine					< 280	280	< 250	250	< 240	240	< 260	260	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Fueling Area Hot Spot Sample Results											
					SW13		SW14		SW15		SW16		Bottom		Bottom 1	
					9'		9'		9'		9'		10'		10'	
					12/4/2017		11/28/2017		11/28/2017		11/27/2017		12/4/2017		11/27/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
2,4-Dichlorophenol					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
2,4-Dimethylphenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dinitrophenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dinitrotoluene					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
2,6-Dinitrotoluene					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
2-Chloronaphthalene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Chlorophenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Methylnaphthalene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Nitroaniline					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
2-Nitrophenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
3-Nitroaniline					< 360	360	< 360	360	< 370	370	< 360	360	< 380	380	< 370	370
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 220	220	< 220	220	< 230	230	< 220	220
4-Bromophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloroaniline					< 290	290	< 290	290	< 290	290	< 290	290	< 300	300	< 290	290
4-Chlorophenyl phenyl ether					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
4-Nitroaniline					< 360	360	< 360	360	< 370	370	< 360	360	< 380	380	< 370	370
4-Nitrophenol					< 360	360	< 360	360	< 370	370	< 360	360	< 380	380	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Acetophenone					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Aniline					< 290	290	< 290	290	< 290	290	< 290	290	< 300	300	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**150**	260	**130**	260	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 250	250	< 260	260	**590**	260	**380**	260	< 260	260	< 260	260
Benzidine					< 360	360	< 360	360	< 370	370	< 360	360	< 380	380	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 180	180	< 180	180	**650**	180	**360**	180	< 190	190	< 180	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 250	250	< 260	260	**580**	260	**360**	260	< 260	260	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**480**	260	**270**	260	< 260	260	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 250	250	< 260	260	**480**	260	**280**	260	< 260	260	< 260	260
Benzoic Acid					< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800
Benzyl butyl phthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Bis(2-chloroisopropyl)ether					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Carbazole					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Chrysene	1,000	1,000	1,000	3,900	< 250	250	< 260	260	**620**	260	**430**	260	< 260	260	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Diethylphthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Dimethylphthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-butylphthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-octylphthalate					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**1,000**	260	**840**	260	< 260	260	< 260	260
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 260	260	< 260	260	**150**	260	< 260	260	< 260	260
Hexachlorobenzene					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Hexachlorobutadiene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Hexachloroethane					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 250	250	< 260	260	**510**	260	**290**	260	< 260	260	< 260	260
Isophorone					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Nitrobenzene					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
N-Nitrosodimethylamine					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 180	180	< 180	180	< 180	180	< 180	180	< 190	190	< 180	180
N-Nitrosodiphenylamine					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pentachloronitrobenzene					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 220	220	< 220	220	< 230	230	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**570**	260	**650**	260	< 260	260	< 260	260
Phenol	330	330	100,000	100,000	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	< 250	250	< 260	260	**980**	260	**770**	260	< 260	260	< 260	260
Pyridine					< 250	250	< 260	260	< 260	260	< 260	260	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Fueling Area Hot Spot Sample Results											
					Bottom 2		Bottom 3		Bottom 4		Bottom 5		Bottom 6		Bottom 7	
					10'		10'		10'		10'		10'		10'	
					11/27/2017		12/4/2017		12/5/2017		12/8/2017		12/8/2017		12/11/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
1,2,4-Trichorobenzene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
1,2-Diphenylhydrazine					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2,4,5-Trichlorophenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2,4,6-Trichlorophenol					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
2,4-Dichlorophenol					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
2,4-Dimethylphenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2,4-Dinitrophenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2,4-Dinitrotoluene					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
2,6-Dinitrotoluene					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
2-Chloronaphthalene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2-Chlorophenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2-Methylnaphthalene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2-Nitroaniline					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
2-Nitrophenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
3&4-Methylphenol (p-cresol)					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
3,3'-Dichlorobenzidine					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
3-Nitroaniline					< 350	350	< 350	350	< 390	390	< 430	430	< 430	430	< 350	350
4,6-Dinitro-2-methylphenol					< 210	210	< 210	210	< 240	240	< 260	260	< 260	260	< 210	210
4-Bromophenyl phenyl ether					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
4-Chloro-3-methylphenol					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
4-Chloroaniline					< 280	280	< 280	280	< 320	320	< 350	350	< 350	350	< 280	280
4-Chlorophenyl phenyl ether					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
4-Nitroaniline					< 350	350	< 350	350	< 390	390	< 430	430	< 430	430	< 350	350
4-Nitrophenol					< 350	350	< 350	350	< 390	390	< 430	430	< 430	430	< 350	350
Acenaphthene	9,800	20,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Acenaphthylene	10,700	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Acetophenone					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Aniline					< 280	280	< 280	280	< 320	320	< 350	350	< 350	350	< 280	280
Anthracene	1,000,000	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Benzidine					< 350	350	< 350	350	< 390	390	< 430	430	< 430	430	< 350	350
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Benzoic Acid					< 1800	1,800	< 1700	1,700	< 2000	2,000	< 2200	2,200	< 2200	2,200	< 1800	1,800
Benzyl butyl phthalate					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Bis(2-chloroethoxy)methane					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Bis(2-chloroethyl)ether					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Bis(2-chloroisopropyl)ether					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Bis(2-ethylhexyl)phthalate					< 250	250	< 240	240	**410**	280	< 300	300	< 300	300	< 250	250
Carbazole					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Chrysene	1,000	1,000	1,000	3,900	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Diethylphthalate					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Dimethylphthalate					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Di-n-butylphthalate					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Di-n-octylphthalate					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Fluoranthene	1,000,000	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Fluorene	386,000	30,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Hexachlorobenzene					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Hexachlorobutadiene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Hexachlorocyclopentadiene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Hexachloroethane					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Isophorone					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Nitrobenzene					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
N-Nitrosodimethylamine					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
N-Nitrosodi-n-propylamine					< 180	180	< 170	170	< 200	200	< 220	220	< 220	220	< 180	180
N-Nitrosodiphenylamine					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Pentachloronitrobenzene					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Pentachlorophenol	800	800	2,400	6,700	< 210	210	< 210	210	< 240	240	< 260	260	< 260	260	< 210	210
Phenanthrene	1,000,000	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Phenol	330	330	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Pyrene	1,000,000	100,000	100,000	100,000	< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250
Pyridine					< 250	250	< 240	240	< 280	280	< 300	300	< 300	300	< 250	250

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Fueling Area Hot Spot Sample Results								Spill Results	
					Bottom 8		Bottom 9		Bottom 11		Bottom 12		Spill Bottom	
					10'		10'		10'		10'		10'	
					12/11/2017		12/5/2017		11/28/2017		11/28/2017		12/6/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
1,2,4-Trichorobenzene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
1,2-Diphenylhydrazine					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2,4,5-Trichlorophenol					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2,4,6-Trichlorophenol					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
2,4-Dichlorophenol					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
2,4-Dimethylphenol					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2,4-Dinitrophenol					< 280	280	< 270	270	< 250	250	< 250	250	< 1500	1,500
2,4-Dinitrotoluene					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
2,6-Dinitrotoluene					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
2-Chloronaphthalene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2-Chlorophenol					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2-Methylnaphthalene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2-Nitroaniline					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
2-Nitrophenol					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
3&4-Methylphenol (p-cresol)					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
3,3'-Dichlorobenzidine					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
3-Nitroaniline					< 410	410	< 390	390	< 360	360	< 360	360	< 380	380
4,6-Dinitro-2-methylphenol					< 240	240	< 230	230	< 220	220	< 220	220	< 1500	1,500
4-Bromophenyl phenyl ether					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
4-Chloro-3-methylphenol					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
4-Chloroaniline					< 320	320	< 310	310	< 290	290	< 290	290	< 300	300
4-Chlorophenyl phenyl ether					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
4-Nitroaniline					< 410	410	< 390	390	< 360	360	< 360	360	< 380	380
4-Nitrophenol					< 410	410	< 390	390	< 360	360	< 360	360	< 380	380
Acenaphthene	9,800	20,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**150**	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Acetophenone					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Aniline					< 320	320	< 310	310	< 290	290	< 290	290	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**390**	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 280	280	< 270	270	< 250	250	< 250	250	**2,100**	270
Benzidine					< 410	410	< 390	390	< 360	360	< 360	360	< 380	380
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 190	190	< 180	180	< 180	180	**1,800**	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 280	280	< 270	270	< 250	250	< 250	250	**1,900**	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**890**	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 280	280	< 270	270	< 250	250	< 250	250	**1,800**	270
Benzoic Acid					< 2000	2,000	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Benzyl butyl phthalate					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Bis(2-chloroethoxy)methane					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Bis(2-chloroethyl)ether					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
Bis(2-chloroisopropyl)ether					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Bis(2-ethylhexyl)phthalate					< 280	280	**150**	270	< 250	250	< 250	250	< 270	270
Carbazole					< 200	200	< 190	190	< 180	180	< 180	180	**200**	190
Chrysene	1,000	1,000	1,000	3,900	< 280	280	< 270	270	< 250	250	< 250	250	**2,600**	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 190	190	< 180	180	< 180	180	**200**	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Diethylphthalate					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Dimethylphthalate					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Di-n-butylphthalate					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Di-n-octylphthalate					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**4,200**	270
Fluorene	386,000	30,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**140**	270
Hexachlorobenzene					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
Hexachlorobutadiene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Hexachlorocyclopentadiene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Hexachloroethane					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 280	280	< 270	270	< 250	250	< 250	250	**980**	270
Isophorone					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Nitrobenzene					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
N-Nitrosodimethylamine					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
N-Nitrosodi-n-propylamine					< 200	200	< 190	190	< 180	180	< 180	180	< 190	190
N-Nitrosodiphenylamine					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Pentachloronitrobenzene					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 230	230	< 220	220	< 220	220	< 760	760
Phenanthrene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**2,900**	270
Phenol	330	330	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 250	250	< 250	250	**4,000**	270
Pyridine					< 280	280	< 270	270	< 250	250	< 250	250	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EPA1		EPA2		EPA3		EP A4		EP A5		EPA6	
					16'		16'		16'		17'		17'		16'	
					8/29/2019		8/29/2019		8/29/2019		9/20/2019		9/20/2019		9/17/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
2,4-Dichlorophenol					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
2,4-Dimethylphenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2,4-Dinitrophenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2,4-Dinitrotoluene					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
2,6-Dinitrotoluene					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
2-Chloronaphthalene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2-Chlorophenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2-Methylnaphthalene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2-Nitroaniline					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
2-Nitrophenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
3-Nitroaniline					< 410	410	< 420	420	< 380	380	< 360	360	< 370	370	< 370	370
4,6-Dinitro-2-methylphenol					< 240	240	< 250	250	< 230	230	< 220	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
4-Chloroaniline					< 330	330	< 340	340	< 300	300	< 290	290	< 290	290	< 300	300
4-Chlorophenyl phenyl ether					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
4-Nitroaniline					< 410	410	< 420	420	< 380	380	< 360	360	< 370	370	< 370	370
4-Nitrophenol					< 410	410	< 420	420	< 380	380	< 360	360	< 370	370	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Acetophenone					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Aniline					< 330	330	< 340	340	< 300	300	< 290	290	< 290	290	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Benzidine					< 410	410	< 420	420	< 380	380	< 360	360	< 370	370	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Benzoic Acid					< 2000	2,000	< 2100	2,100	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1900	1,900
Benzyl butyl phthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Bis(2-chloroisopropyl)ether					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Carbazole					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Chrysene	1,000	1,000	1,000	3,900	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Diethylphthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Dimethylphthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Di-n-butylphthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Di-n-octylphthalate					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Fluorene	386,000	30,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Hexachlorobenzene					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Hexachlorobutadiene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Hexachloroethane					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Isophorone					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Nitrobenzene					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
N-Nitrosodimethylamine					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 200	200	< 210	210	< 190	190	< 180	180	< 180	180	< 190	190
N-Nitrosodiphenylamine					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Pentachloronitrobenzene					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 250	250	< 230	230	< 220	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Phenol	330	330	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260
Pyridine					< 280	280	< 300	300	< 260	260	< 250	250	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EP7A		EPB1		EPB2		EPB3		EPB4		EPB5	
					16'		16'		16'		16'		18'		18'	
					9/17/2019		9/17/2019		9/18/2019		9/18/2019		9/18/2019		9/18/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
1,2,4-Trichorobenzene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,4-Dichlorophenol					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,4-Dimethylphenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dinitrophenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2,4-Dinitrotoluene					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2,6-Dinitrotoluene					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
2-Chloronaphthalene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2-Chlorophenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2-Methylnaphthalene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2-Nitroaniline					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
2-Nitrophenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
3&4-Methylphenol (p-cresol)					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
3-Nitroaniline					< 390	390	< 360	360	< 370	370	< 370	370	< 370	370	< 380	380
4,6-Dinitro-2-methylphenol					< 230	230	< 220	220	< 220	220	< 220	220	< 220	220	< 230	230
4-Bromophenyl phenyl ether					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
4-Chloroaniline					< 310	310	< 290	290	< 300	300	< 300	300	< 300	300	< 300	300
4-Chlorophenyl phenyl ether					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
4-Nitroaniline					< 390	390	< 360	360	< 370	370	< 370	370	< 370	370	< 380	380
4-Nitrophenol					< 390	390	< 360	360	< 370	370	< 370	370	< 370	370	< 380	380
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Acetophenone					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Aniline					< 310	310	< 290	290	< 300	300	< 300	300	< 300	300	< 300	300
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Benzidine					< 390	390	< 360	360	< 370	370	< 370	370	< 370	370	< 380	380
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Benzoic Acid					< 2000	2,000	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1900	1,900	< 1900	1,900
Benzyl butyl phthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Bis(2-chloroisopropyl)ether					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Carbazole					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Chrysene	1,000	1,000	1,000	3,900	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Diethylphthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Dimethylphthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-butylphthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Di-n-octylphthalate					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Hexachlorobenzene					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Hexachlorobutadiene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Hexachloroethane					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Isophorone					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Nitrobenzene					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
N-Nitrosodimethylamine					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 200	200	< 180	180	< 190	190	< 180	180	< 190	190	< 190	190
N-Nitrosodiphenylamine					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Pentachloronitrobenzene					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 230	230	< 220	220	< 220	220	< 220	220	< 220	220	< 230	230
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Phenol	330	330	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260
Pyridine					< 270	270	< 250	250	< 260	260	< 260	260	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EPB6		EP 7B		EPC1		EPC2		EPC3		EPC4	
					16'		16'		16'		16'		16'		16'	
					9/17/2019		9/17/2019		9/17/2019		8/29/2019		8/29/2019		8/29/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
1,2,4-Trichorobenzene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
1,2-Diphenylhydrazine					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2,4,5-Trichlorophenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2,4,6-Trichlorophenol					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
2,4-Dichlorophenol					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
2,4-Dimethylphenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2,4-Dinitrophenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2,4-Dinitrotoluene					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
2,6-Dinitrotoluene					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
2-Chloronaphthalene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2-Chlorophenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2-Methylnaphthalene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2-Nitroaniline					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
2-Nitrophenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
3&4-Methylphenol (p-cresol)					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
3,3'-Dichlorobenzidine					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
3-Nitroaniline					< 380	380	< 390	390	< 360	360	< 400	400	< 370	370	< 390	390
4,6-Dinitro-2-methylphenol					< 230	230	< 230	230	< 220	220	< 240	240	< 220	220	< 230	230
4-Bromophenyl phenyl ether					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
4-Chloro-3-methylphenol					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
4-Chloroaniline					< 310	310	< 310	310	< 290	290	< 320	320	< 300	300	< 310	310
4-Chlorophenyl phenyl ether					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
4-Nitroaniline					< 380	380	< 390	390	< 360	360	< 400	400	< 370	370	< 390	390
4-Nitrophenol					< 380	380	< 390	390	< 360	360	< 400	400	< 370	370	< 390	390
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Acetophenone					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Aniline					< 310	310	< 310	310	< 290	290	< 320	320	< 300	300	< 310	310
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Benzidine					< 380	380	< 390	390	< 360	360	< 400	400	< 370	370	< 390	390
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Benzoic Acid					< 1900	1,900	< 1900	1,900	< 1800	1,800	< 2000	2,000	< 1800	1,800	< 1900	1,900
Benzyl butyl phthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Bis(2-chloroethoxy)methane					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Bis(2-chloroethyl)ether					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Bis(2-chloroisopropyl)ether					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Bis(2-ethylhexyl)phthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Carbazole					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Chrysene	1,000	1,000	1,000	3,900	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Diethylphthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Dimethylphthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Di-n-butylphthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Di-n-octylphthalate					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Fluoranthene	1,000,000	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Hexachlorobenzene					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Hexachlorobutadiene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Hexachlorocyclopentadiene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Hexachloroethane					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Isophorone					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Nitrobenzene					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
N-Nitrosodimethylamine					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
N-Nitrosodi-n-propylamine					< 190	190	< 190	190	< 180	180	< 200	200	< 180	180	< 190	190
N-Nitrosodiphenylamine					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Pentachloronitrobenzene					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Pentachlorophenol	800	800	2,400	6,700	< 230	230	< 230	230	< 220	220	< 240	240	< 220	220	< 230	230
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Phenol	330	330	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Pyrene	1,000,000	100,000	100,000	100,000	< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270
Pyridine					< 270	270	< 270	270	< 250	250	< 280	280	< 260	260	< 270	270

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 24
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EPC5		EPC6		EP 7C		EPD1		EPD2		EPD3	
					21'		21'		16'		16'		16'		16'	
					9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/17/2019		9/17/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
1,2,4-Trichorobenzene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
1,2-Diphenylhydrazine					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2,4,5-Trichlorophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2,4,6-Trichlorophenol					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
2,4-Dichlorophenol					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
2,4-Dimethylphenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2,4-Dinitrophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2,4-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
2,6-Dinitrotoluene					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
2-Chloronaphthalene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2-Chlorophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2-Methylnaphthalene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2-Nitroaniline					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
2-Nitrophenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
3&4-Methylphenol (p-cresol)					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
3,3'-Dichlorobenzidine					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
3-Nitroaniline					< 370	370	< 370	370	< 390	390	< 390	390	< 360	360	< 400	400
4,6-Dinitro-2-methylphenol					< 220	220	< 220	220	< 230	230	< 230	230	< 220	220	< 240	240
4-Bromophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
4-Chloro-3-methylphenol					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
4-Chloroaniline					< 300	300	< 300	300	< 310	310	< 310	310	< 290	290	< 320	320
4-Chlorophenyl phenyl ether					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
4-Nitroaniline					< 370	370	< 370	370	< 390	390	< 390	390	< 360	360	< 400	400
4-Nitrophenol					< 370	370	< 370	370	< 390	390	< 390	390	< 360	360	< 400	400
Acenaphthene	9,800	20,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Acenaphthylene	10,700	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Acetophenone					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Aniline					< 300	300	< 300	300	< 310	310	< 310	310	< 290	290	< 320	320
Anthracene	1,000,000	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Benzidine					< 370	370	< 370	370	< 390	390	< 390	390	< 360	360	< 400	400
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Benzoic Acid					< 1800	1,800	< 1900	1,900	< 1900	1,900	< 2000	2,000	< 1800	1,800	< 2000	2,000
Benzyl butyl phthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Bis(2-chloroethoxy)methane					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Bis(2-chloroethyl)ether					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Bis(2-chloroisopropyl)ether					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Bis(2-ethylhexyl)phthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Carbazole					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Chrysene	1,000	1,000	1,000	3,900	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Dibenzofuran	210,000	7,000	59,000	59,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Diethylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Dimethylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Di-n-butylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Di-n-octylphthalate					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Fluoranthene	1,000,000	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Fluorene	386,000	30,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Hexachlorobenzene					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Hexachlorobutadiene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Hexachlorocyclopentadiene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Hexachloroethane					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Isophorone					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
Naphthalene	12,000	12,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Nitrobenzene					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
N-Nitrosodimethylamine					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
N-Nitrosodi-n-propylamine					< 180	180	< 190	190	< 190	190	< 200	200	< 180	180	< 200	200
N-Nitrosodiphenylamine					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Pentachloronitrobenzene					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Pentachlorophenol	800	800	2,400	6,700	< 220	220	< 220	220	< 230	230	< 230	230	< 220	220	< 240	240
Phenanthrene	1,000,000	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Phenol	330	330	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Pyrene	1,000,000	100,000	100,000	100,000	< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280
Pyridine					< 260	260	< 260	260	< 270	270	< 270	270	< 250	250	< 280	280

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

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Brooklyn, New York
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Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	EPD4		EPD5		EP 6D		EP 7D		EP Duplicate		Soil Duplicate		Soil Duplicate	
					16'		16'		16'		16'				B4 (16')		A4 (17')	
					9/17/2019		9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/18/2019		9/20/2019	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
1,2,4-Trichorobenzene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
1,2-Diphenylhydrazine					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2,4,5-Trichlorophenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2,4,6-Trichlorophenol					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
2,4-Dichlorophenol					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
2,4-Dimethylphenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2,4-Dinitrophenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2,4-Dinitrotoluene					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
2,6-Dinitrotoluene					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
2-Chloronaphthalene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2-Chlorophenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2-Methylnaphthalene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2-Nitroaniline					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
2-Nitrophenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
3&4-Methylphenol (p-cresol)					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
3,3'-Dichlorobenzidine					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
3-Nitroaniline					< 400	400	< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 360	360
4,6-Dinitro-2-methylphenol					< 240	240	< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
4-Chloro-3-methylphenol					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
4-Chloroaniline					< 320	320	< 300	300	< 300	300	< 310	310	< 300	300	< 300	300	< 290	290
4-Chlorophenyl phenyl ether					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
4-Nitroaniline					< 400	400	< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 360	360
4-Nitrophenol					< 400	400	< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 360	360
Acenaphthene	9,800	20,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Acenaphthylene	10,700	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Acetophenone					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Aniline					< 320	320	< 300	300	< 300	300	< 310	310	< 300	300	< 300	300	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Benzidine					< 400	400	< 380	380	< 370	370	< 390	390	< 370	370	< 370	370	< 360	360
Benzo(a)pyrene	22,000	1,000	1,000	1,000	< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Benzoic Acid					< 2000	2,000	< 1900	1,900	< 1800	1,800	< 1900	1,900	< 1900	1,900	< 1900	1,900	< 1800	1,800
Benzyl butyl phthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Bis(2-chloroethoxy)methane					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Bis(2-chloroethyl)ether					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Bis(2-chloroisopropyl)ether					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Bis(2-ethylhexyl)phthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Carbazole					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Chrysene	1,000	1,000	1,000	3,900	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Diethylphthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Dimethylphthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Di-n-butylphthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Di-n-octylphthalate					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Fluoranthene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Fluorene	386,000	30,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Hexachlorobenzene					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Hexachlorobutadiene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Hexachlorocyclopentadiene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Hexachloroethane					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Isophorone					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Nitrobenzene					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
N-Nitrosodimethylamine					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
N-Nitrosodi-n-propylamine					< 200	200	< 190	190	< 180	180	< 190	190	< 190	190	< 190	190	< 180	180
N-Nitrosodiphenylamine					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Pentachloronitrobenzene					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Pentachlorophenol	800	800	2,400	6,700	< 240	240	< 230	230	< 220	220	< 230	230	< 220	220	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Phenol	330	330	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Pyrene	1,000,000	100,000	100,000	100,000	< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250
Pyridine					< 280	280	< 270	270	< 260	260	< 270	270	< 260	260	< 260	260	< 250	250

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 25
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Pesticides, PCBs

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results											
						EPA1		EPA2		EPA3		EP A4		EP A5		EPA6	
						16'		16'		16'		17'		17'		16'	
						8/29/2019		8/29/2019		8/29/2019		9/20/2019		9/20/2019		9/17/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.5	2.5	< 2.5	2.5	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.5	2.5	< 2.5	2.5	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.5	2.5	< 2.5	2.5	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	a-BHC	20	20	97	480	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	A-Chlordane	2,900	94	910	4,200	< 4.1	4.1	< 4.2	4.2	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Aldrin	190	5	19	97	< 4.1	4.1	< 4.2	4.2	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	b-BHC	90	36	72	360	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Chlordane					< 41	41	< 42	42	< 38	38	< 37	37	< 37	37	< 38	38
	d-BHC	250	40	100,000	100,000	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Dieldrin	100	5	39	200	< 4.1	4.1	< 4.2	4.2	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Endosulfan I	102,000	2,400	4,800	24,000	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Endosulfan II	102,000	2,400	4,800	24,000	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Endrin	60	14	2,200	11,000	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Endrin aldehyde					< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Endrin ketone					< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	g-BHC	100	100	280	1,300	< 1.6	1.6	< 1.7	1.7	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5
	g-chlordane					< 4.1	4.1	< 4.2	4.2	< 3.8	3.8	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Heptachlor	380	42	420	2,100	< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Heptachlor epoxide					< 8.2	8.2	< 8.3	8.3	< 7.5	7.5	< 7.4	7.4	< 7.4	7.4	< 7.6	7.6
	Methoxychlor					< 41	41	< 42	42	< 38	38	< 37	37	< 37	37	< 38	38
	Toxaphene					< 160	160	< 170	170	< 150	150	< 150	150	< 150	150	< 150	150
PCBs	PCB-1016		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1221		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1232		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1242		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1248		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1254		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1260		100	1,000		< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1262		100			< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76
	PCB-1268		100			< 82	82	< 83	83	< 75	75	< 74	74	< 74	74	< 76	76

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 25
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Pesticides, PCBs

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results											
						EP7A		EPB1		EPB2		EPB3		EPB4		EPB5	
						16'		16'		16'		16'		18'		18'	
						9/17/2019		9/17/2019		9/18/2019		9/18/2019		9/18/2019		9/18/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.4	2.4	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.4	2.4	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.4	2.4	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3
	a-BHC	20	20	97	480	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	A-Chlordane	2,900	94	910	4,200	< 4.0	4.0	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Aldrin	190	5	19	97	< 4.0	4.0	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	b-BHC	90	36	72	360	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Chlordane					< 40	40	< 37	37	< 37	37	< 37	37	< 37	37	< 38	38
	d-BHC	250	40	100,000	100,000	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Dieldrin	100	5	39	200	< 4.0	4.0	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Endrin	60	14	2,200	11,000	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Endrin aldehyde					< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Endrin ketone					< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	g-BHC	100	100	280	1,300	< 1.6	1.6	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5
	g-chlordane					< 4.0	4.0	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8
	Heptachlor	380	42	420	2,100	< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Heptachlor epoxide					< 7.9	7.9	< 7.4	7.4	< 7.4	7.4	< 7.5	7.5	< 7.4	7.4	< 7.5	7.5
	Methoxychlor					< 40	40	< 37	37	< 37	37	< 37	37	< 37	37	< 38	38
	Toxaphene					< 160	160	< 150	150	< 150	150	< 150	150	< 150	150	< 150	150
PCBs	PCB-1016		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1221		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1232		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1242		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1248		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1254		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1260		100	1,000		< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1262		100			< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75
	PCB-1268		100			< 79	79	< 74	74	< 74	74	< 75	75	< 74	74	< 75	75

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 25
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Pesticides, PCBs

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results											
						EPB6		EP 7B		EPC1		EPC2		EPC3		EPC4	
						16'		16'		16'		16'		16'		16'	
						9/17/2019		9/17/2019		9/17/2019		8/29/2019		8/29/2019		8/29/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.3	2.3
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.3	2.3
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.3	2.3	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.3	2.3
	a-BHC	20	20	97	480	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	A-Chlordane	2,900	94	910	4,200	< 3.8	3.8	< 3.9	3.9	< 3.6	3.6	< 4.0	4.0	< 3.6	3.6	< 3.9	3.9
	Aldrin	190	5	19	97	< 3.8	3.8	< 3.9	3.9	< 3.6	3.6	< 4.0	4.0	< 3.6	3.6	< 3.9	3.9
	b-BHC	90	36	72	360	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Chlordane					< 38	38	< 39	39	< 36	36	< 40	40	< 36	36	< 39	39
	d-BHC	250	40	100,000	100,000	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Dieldrin	100	5	39	200	< 3.8	3.8	< 3.9	3.9	< 3.6	3.6	< 4.0	4.0	< 3.6	3.6	< 3.9	3.9
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Endrin	60	14	2,200	11,000	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Endrin aldehyde					< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Endrin ketone					< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5
	g-chlordane					< 3.8	3.8	< 3.9	3.9	< 3.6	3.6	< 4.0	4.0	< 3.6	3.6	< 3.9	3.9
	Heptachlor	380	42	420	2,100	< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Heptachlor epoxide					< 7.7	7.7	< 7.9	7.9	< 7.2	7.2	< 8.0	8.0	< 7.2	7.2	< 7.7	7.7
	Methoxychlor					< 38	38	< 39	39	< 36	36	< 40	40	< 36	36	< 39	39
	Toxaphene					< 150	150	< 160	160	< 140	140	< 160	160	< 140	140	< 150	150
PCBs	PCB-1016		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1221		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1232		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1242		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1248		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1254		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1260		100	1,000		< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1262		100			< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77
	PCB-1268		100			< 77	77	< 79	79	< 72	72	< 80	80	< 72	72	< 77	77

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 25
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Pesticides, PCBs

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results											
						EPC5		EPC6		EP 7C		EPD1		EPD2		EPD3	
						21'		21'		16'		16'		16'		16'	
						9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/17/2019		9/17/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.2	2.2	< 2.2	2.2	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4
	a-BHC	20	20	97	480	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	A-Chlordane	2,900	94	910	4,200	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0
	Aldrin	190	5	19	97	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0
	b-BHC	90	36	72	360	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Chlordane					< 37	37	< 37	37	< 38	38	< 38	38	< 36	36	< 40	40
	d-BHC	250	40	100,000	100,000	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Dieldrin	100	5	39	200	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Endrin	60	14	2,200	11,000	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Endrin aldehyde					< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Endrin ketone					< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	g-BHC	100	100	280	1,300	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6
	g-chlordane					< 3.7	3.7	< 3.7	3.7	< 3.8	3.8	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0
	Heptachlor	380	42	420	2,100	< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Heptachlor epoxide					< 7.5	7.5	< 7.5	7.5	< 7.7	7.7	< 7.6	7.6	< 7.3	7.3	< 7.9	7.9
	Methoxychlor					< 37	37	< 37	37	< 38	38	< 38	38	< 36	36	< 40	40
	Toxaphene					< 150	150	< 150	150	< 150	150	< 150	150	< 150	150	< 160	160
PCBs	PCB-1016		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1221		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1232		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1242		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1248		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1254		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1260		100	1,000		< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1262		100			< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79
	PCB-1268		100			< 75	75	< 75	75	< 77	77	< 76	76	< 73	73	< 79	79

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 25
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Pesticides, PCBs

	Compounds	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results													
						EPD4		EPD5		EP 6D		EP 7D		EP Duplicate		Soil Duplicate		Soil Duplicate	
						16'		16'		16'		16'				B4 (16')		A4 (17')	
						9/17/2019		9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/18/2019		9/20/2019	
						µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
						Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	14,000	3.3	2,600	13,000	< 2.4	2.4	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2
	4,4' -DDE	17,000	3.3	1,800	8,900	< 2.4	2.4	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2
	4,4' -DDT	136,000	3.3	1,700	7,900	< 2.4	2.4	< 2.3	2.3	< 2.3	2.3	< 2.3	2.3	< 2.2	2.2	< 2.2	2.2	< 2.2	2.2
	a-BHC	20	20	97	480	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	A-Chlordane	2,900	94	910	4,200	< 3.9	3.9	< 3.8	3.8	< 3.8	3.8	< 3.9	3.9	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6
	Aldrin	190	5	19	97	< 3.9	3.9	< 3.8	3.8	< 3.8	3.8	< 3.9	3.9	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6
	b-BHC	90	36	72	360	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Chlordane					< 39	39	< 38	38	< 38	38	< 39	39	< 37	37	< 37	37	< 36	36
	d-BHC	250	40	100,000	100,000	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Dieldrin	100	5	39	200	< 3.9	3.9	< 3.8	3.8	< 3.8	3.8	< 3.9	3.9	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6
	Endosulfan I	102,000	2,400	4,800	24,000	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Endosulfan II	102,000	2,400	4,800	24,000	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Endosulfan sulfate	1,000,000	2,400	4,800	24,000	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Endrin	60	14	2,200	11,000	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Endrin aldehyde					< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Endrin ketone					< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	g-BHC	100	100	280	1,300	< 1.6	1.6	< 1.5	1.5	< 1.5	1.5	< 1.6	1.6	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5
	g-chlordane					< 3.9	3.9	< 3.8	3.8	< 3.8	3.8	< 3.9	3.9	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6
	Heptachlor	380	42	420	2,100	< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Heptachlor epoxide					< 7.8	7.8	< 7.6	7.6	< 7.5	7.5	< 7.8	7.8	< 7.4	7.4	< 7.4	7.4	< 7.3	7.3
	Methoxychlor					< 39	39	< 38	38	< 38	38	< 39	39	< 37	37	< 37	37	< 36	36
	Toxaphene					< 160	160	< 150	150	< 150	150	< 160	160	< 150	150	< 150	150	< 150	150
PCBs	PCB-1016		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1221		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1232		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1242		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1248		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1254		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1260		100	1,000		< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1262		100			< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73
	PCB-1268		100			< 80	80	< 76	76	< 75	75	< 78	78	< 74	74	< 74	74	< 73	73

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 26
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results															
					EPA1		EPA2		EPA3		EP A4		EP A5		EPA6		EP7A		EPB1	
					16'		16'		16'		17'		17'		16'		16'		16'	
					8/29/2019		8/29/2019		8/29/2019		9/20/2019		9/20/2019		9/17/2019		9/17/2019		9/17/2019	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,490**	38	**7,470**	42	**8,610**	38	**7,620**	36	**7,560**	37	**7,650**	37	**6,300**	36	**7,660**	36
Antimony					< 3.8	3.8	< 4.2	4.2	< 3.8	3.8	< 3.6	3.6	< 3.7	3.7	< 3.7	3.7	< 3.6	3.6	< 3.6	3.6
Arsenic	16	13	16	16	**1.56**	0.76	**1.44**	0.84	**2.24**	0.76	**2.67**	0.72	**1.81**	0.75	**2.22**	0.75	**1.47**	0.72	**2.73**	0.72
Barium	820	350	350	400	**54.9**	0.8	**47.8**	0.8	**39.1**	0.8	**36.6**	0.7	**61.2**	0.7	**42.7**	0.7	**24.7**	0.7	**47.3**	0.7
Beryllium	47	7.2	14.0	72	**0.41**	0.30	**0.33**	0.34	**0.34**	0.30	**0.36**	0.29	**0.54**	0.30	**0.4**	0.30	**0.3**	0.29	**0.48**	0.29
Cadmium	7.5	2.5	2.5	4.3	< 0.38	0.38	< 0.42	0.42	< 0.38	0.38	**0.6**	0.36	**0.69**	0.37	**0.49**	0.37	**0.39**	0.36	**0.91**	0.36
Calcium					**1,330**	3.8	**1,550**	4.2	**1,020**	3.8	**1,240**	3.6	**1,570**	3.7	**1,470**	3.7	**1,150**	3.6	**1,520**	3.6
Chromium		30			**16.1**	0.38	**15.2**	0.42	**15.5**	0.38	**11.9**	0.36	**18.1**	0.37	**13.8**	0.37	**13.1**	0.36	**36.2**	0.36
Cobalt					**8.2**	0.38	**8.09**	0.42	**6.8**	0.38	**6.22**	0.36	**8.86**	0.37	**6.54**	0.37	**4.85**	0.36	**8.86**	0.36
Copper	1,720	50	270	270	**14.7**	0.8	**13**	0.8	**14.4**	0.8	**16.4**	0.7	**15.8**	0.7	**12.7**	0.7	**5.6**	0.7	**44.8**	7.2
Iron					**23,200**	38	**15,700**	42	**20,000**	38	**16,300**	36	**19,900**	37	**15,600**	37	**13,100**	36	**32,800**	36
Lead	450	63	400	400	**5.8**	0.8	**5.9**	0.8	**5.2**	0.8	**12.1**	0.7	**6.8**	0.7	**9.3**	0.7	**3.7**	0.7	**10**	0.7
Magnesium					**2,940**	3.8	**4,090**	4.2	**2,650**	3.8	**2,490**	3.6	**3,230**	3.7	**2,890**	3.7	**2,570**	3.6	**2,740**	3.6
Manganese	2,000	1,600	2,000	2,000	**613**	3.8	**415**	4.2	**365**	3.8	**250**	3.6	**629**	3.7	**305**	3.7	**189**	3.6	**565**	3.6
Mercury	0.73	0.18	0.81	0.81	< 0.08	0.08	< 0.03	0.03	< 0.07	0.07	< 0.03	0.03	< 0.03	0.03	**0.04**	0.03	< 0.03	0.03	< 0.03	0.03
Nickel	130	30	140	310	**14.5**	0.38	**14.2**	0.42	**14.8**	0.38	**13.1**	0.36	**16.7**	0.37	**13.1**	0.37	**10.4**	0.36	**25.6**	0.36
Potassium					**1,760**	8	**1,940**	8	**1,250**	8	**1,090**	7	**2,280**	7	**1,410**	7	**1,360**	7	**1,640**	7
Selenium	4	3.9	36.0	180	< 1.5	1.5	< 1.7	1.7	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4
Silver	8.3	2	36	180	< 0.38	0.38	< 0.42	0.42	< 0.38	0.38	< 0.36	0.36	< 0.37	0.37	< 0.37	0.37	< 0.36	0.36	< 0.36	0.36
Sodium					**204**	8	**230**	8	**100**	8	**80**	7	**146**	7	**123**	7	**198**	7	**177**	7
Thallium					< 1.5	1.5	< 1.7	1.7	< 1.5	1.5	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4
Vanadium					**24.6**	0.38	**18.9**	0.42	**19.4**	0.38	**16.6**	0.36	**31.2**	0.37	**18.7**	0.37	**14.9**	0.36	**32.4**	0.36
Zinc	2,480	109	2,200	10,000	**36.5**	0.8	**35.1**	0.8	**36.3**	0.8	**38**	0.7	**42.3**	0.7	**37**	0.7	**27.9**	0.7	**43**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 26
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results															
					EPB2		EPB3		EPB4		EPB5		EPB6		EP 7B		EPC1		EPC2	
					16'		16'		18'		18'		16'		16'		16'		16'	
					9/18/2019		9/19/2019		9/20/2019		9/21/2019		9/17/2019		9/17/2019		9/17/2019		8/29/2019	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**7,430**	34	**7,220**	34	**7,010**	36	**7,820**	35	**9,770**	36	**7,140**	36	**8,060**	34	**7,730**	40
Antimony					< 3.4	3.4	< 3.4	3.4	< 3.6	3.6	< 3.5	3.5	< 3.6	3.6	< 3.6	3.6	< 3.4	3.4	< 4.0	4.0
Arsenic	16	13	16	16	**2.81**	0.69	**2.4**	0.69	**2.97**	0.72	**2.98**	0.69	**3.12**	0.73	**3.09**	0.72	**2.59**	0.67	**1.39**	0.79
Barium	820	350	350	400	**39.7**	0.7	**41.7**	0.7	**36.1**	0.7	**37.1**	0.7	**48.1**	0.7	**27.6**	0.7	**53.1**	0.7	**41**	0.8
Beryllium	47	7.2	14.0	72	**0.37**	0.27	**0.41**	0.27	**0.35**	0.29	**0.42**	0.28	**0.44**	0.29	**0.36**	0.29	**0.58**	0.27	**0.4**	0.32
Cadmium	7.5	2.5	2.5	4.3	**0.44**	0.34	**0.46**	0.34	**0.5**	0.36	**0.53**	0.35	**0.5**	0.36	**0.6**	0.36	**0.77**	0.34	< 0.40	0.40
Calcium					**1,590**	3.4	**1,290**	3.4	**1,320**	3.6	**1,630**	3.5	**1,150**	3.6	**1,540**	3.6	**1,150**	3.4	**931**	4.0
Chromium		30			**13.2**	0.34	**15.5**	0.34	**12.5**	0.36	**13.1**	0.35	**13.9**	0.36	**15**	0.36	**19.1**	0.34	**16.1**	0.40
Cobalt					**6.64**	0.34	**7.05**	0.34	**6.32**	0.36	**6.71**	0.35	**7.13**	0.36	**5.69**	0.36	**8.57**	0.34	**8.25**	0.40
Copper	1,720	50	270	270	**14**	0.7	**15.6**	0.7	**12.9**	0.7	**13.1**	0.7	**13.3**	0.7	**7.1**	0.7	**16.1**	6.7	**14**	0.8
Iron					**15,900**	34	**17,200**	34	**15,900**	36	**15,900**	35	**17,200**	36	**15,000**	36	**28,700**	34	**17,200**	40
Lead	450	63	400	400	**12.6**	0.7	**9.8**	0.7	**11.8**	0.7	**13.9**	0.7	**11.6**	0.7	**5.4**	0.7	**9.3**	0.7	**5.9**	0.8
Magnesium					**2,830**	3.4	**2,820**	3.4	**2,750**	3.6	**2,950**	3.5	**2,950**	3.6	**2,970**	3.6	**2,700**	3.4	**2,570**	4.0
Manganese	2,000	1,600	2,000	2,000	**263**	3.4	**318**	3.4	**295**	3.6	**257**	3.5	**372**	3.6	**144**	3.6	**595**	3.4	**358**	4.0
Mercury	0.73	0.18	0.81	0.81	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.07	0.07
Nickel	130	30	140	310	**13.5**	0.34	**13.7**	0.34	**13.4**	0.36	**14**	0.35	**13.9**	0.36	**12.7**	0.36	**15.7**	0.34	**14.5**	0.40
Potassium					**1,130**	7	**1,440**	7	**1,050**	7	**1,110**	7	**1,210**	7	**1,490**	7	**1,780**	7	**1,550**	8
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.3	1.3	< 1.6	1.6
Silver	8.3	2	36	180	< 0.34	0.34	< 0.34	0.34	< 0.36	0.36	< 0.35	0.35	< 0.36	0.36	< 0.36	0.36	< 0.34	0.34	< 0.40	0.40
Sodium					**97**	7	**120**	7	**83**	7	**90**	7	**114**	7	**252**	7	**176**	7	**162**	8
Thallium					< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.3	1.3	< 1.6	1.6
Vanadium					**18.3**	0.34	**22.7**	0.34	**17.4**	0.36	**18.1**	0.35	**18.9**	0.36	**19.3**	0.36	**32.7**	0.34	**24.4**	0.40
Zinc	2,480	109	2,200	10,000	**41.8**	0.7	**39.6**	0.7	**43.2**	0.7	**40.3**	0.7	**40.9**	0.7	**32.4**	0.7	**47.3**	0.7	**32.4**	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 26
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results															
					EPC3		EPC4		EPC5		EPC6		EP 7C		EPD1		EPD2		EPD3	
					16'		16'		21'		21'		16'		16'		16'		16'	
					8/29/2019		8/29/2019		9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/17/2019		9/17/2019	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**6,370**	34	**8,440**	36	**8,200**	33	**8,330**	34	**6,840**	35	**8,330**	39	**8,090**	37	**5,860**	39
Antimony					< 3.4	3.4	< 3.6	3.6	< 3.3	3.3	< 3.4	3.4	< 3.5	3.5	< 3.9	3.9	< 3.7	3.7	< 3.9	3.9
Arsenic	16	13	16	16	**2.61**	0.69	**1.84**	0.73	**2.97**	0.66	**3.09**	0.69	**2.89**	0.70	**2.42**	0.78	**2.5**	0.73	**3.69**	0.78
Barium	820	350	350	400	**27.8**	0.7	**36.4**	0.7	**37.3**	0.7	**41.2**	0.7	**25.4**	0.7	**55.7**	0.8	**46.1**	0.7	**26.4**	0.8
Beryllium	47	7.2	14.0	72	**0.34**	0.27	**0.52**	0.29	**0.39**	0.26	**0.61**	0.27	**0.33**	0.28	**0.48**	0.31	**0.47**	0.29	**0.52**	0.31
Cadmium	7.5	2.5	2.5	4.3	< 0.34	0.34	**0.53**	0.36	**0.5**	0.33	**1.14**	0.34	**0.44**	0.35	< 0.39	0.39	**0.56**	0.37	**0.96**	0.39
Calcium					**1,380**	3.4	**1,240**	3.6	**1,020**	3.3	**1,260**	3.4	**1,510**	3.5	**1,510**	3.9	**1,300**	3.7	**1,320**	3.9
Chromium		30			**15.7**	0.34	**23.4**	0.36	**12.7**	0.33	**14.1**	0.34	**12.4**	0.35	**21.2**	0.39	**18.2**	0.37	**14.3**	0.39
Cobalt					**7.01**	0.34	**9.06**	0.36	**6.46**	0.33	**7.04**	0.34	**5.37**	0.35	**8.82**	0.39	**8.01**	0.37	**7.13**	0.39
Copper	1,720	50	270	270	**14.3**	0.7	**18.7**	0.7	**13.1**	0.7	**18.5**	0.7	**8.3**	0.7	**18.5**	0.8	**12.2**	7.3	**13.6**	7.8
Iron					**18,000**	34	**37,800**	36	**16,300**	33	**34,000**	34	**14,000**	35	**25,100**	39	**16,900**	37	**32,600**	39
Lead	450	63	400	400	**10.6**	0.7	**6.2**	0.7	**9.3**	0.7	**34.6**	0.7	**8.2**	0.7	**14.2**	0.8	**7.7**	0.7	**6.4**	0.8
Magnesium					**2,970**	3.4	**3,250**	3.6	**2,830**	3.3	**2,770**	3.4	**2,730**	3.5	**2,710**	3.9	**2,600**	3.7	**2,090**	3.9
Manganese	2,000	1,600	2,000	2,000	**275**	3.4	**445**	3.6	**229**	3.3	**279**	3.4	**183**	3.5	**498**	3.9	**382**	3.7	**817**	3.9
Mercury	0.73	0.18	0.81	0.81	< 0.07	0.07	< 0.07	0.07	< 0.03	0.03	< 0.03	0.03	< 0.07	0.07	< 0.07	0.07	< 0.03	0.03	< 0.03	0.03
Nickel	130	30	140	310	**12.5**	0.34	**14.9**	0.36	**13.3**	0.33	**13.8**	0.34	**11.6**	0.35	**16.3**	0.39	**14.1**	0.37	**13.6**	0.39
Potassium					**1,500**	7	**2,050**	7	**1,250**	7	**1,270**	7	**1,290**	7	**1,590**	8	**1,700**	7	**1,250**	8
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 3.9	3.9	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.6	1.6
Silver	8.3	2	36	180	< 0.34	0.34	< 0.36	0.36	< 0.33	0.33	< 0.34	0.34	< 0.35	0.35	< 0.39	0.39	< 0.37	0.37	< 0.39	0.39
Sodium					**135**	7	**188**	7	**99**	7	**100**	7	**172**	7	**215**	8	**172**	7	**116**	8
Thallium					< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.6	1.6
Vanadium					**23.8**	0.34	**28.2**	0.36	**17.5**	0.33	**21.3**	0.34	**16.8**	0.35	**30.8**	0.39	**24.7**	0.37	**26.4**	0.39
Zinc	2,480	109	2,200	10,000	**34.9**	0.7	**44.1**	0.7	**37.1**	0.7	**98.7**	0.7	**31.2**	0.7	**45**	0.8	**38.9**	0.7	**66.4**	0.8

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 26
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Endpoint Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Building C Endpoint Sample Results													
					EPD4		EPD5		EP 6D		EP 7D		EP Duplicate		Soil Duplicate		Soil Duplicate	
					16'		16'		16'		16'				B4 (16')		A4 (17')	
					9/17/2019		9/17/2019		9/17/2019		9/17/2019		8/29/2019		9/18/2019		9/20/2019	
					mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum					**8,750**	35	**7,090**	37	**6,720**	37	**7,760**	38	**7,620**	33	**7,420**	35	**7,040**	36
Antimony					< 3.5	3.5	< 3.7	3.7	< 3.7	3.7	< 3.8	3.8	< 3.3	3.3	< 3.5	3.5	< 3.6	3.6
Arsenic	16	13	16	16	**1.74**	0.71	**4.16**	0.74	**2.72**	0.74	**3.48**	0.75	**2.1**	0.67	**2.64**	0.69	**2.65**	0.72
Barium	820	350	350	400	**37.6**	0.7	**28.3**	0.7	**32.2**	0.7	**28**	0.8	**23.1**	0.7	**40.1**	0.7	**31.5**	0.7
Beryllium	47	7.2	14.0	72	**0.45**	0.28	**0.43**	0.29	**0.32**	0.30	**0.39**	0.30	**0.34**	0.27	**0.4**	0.28	**0.33**	0.29
Cadmium	7.5	2.5	2.5	4.3	**0.47**	0.35	**0.59**	0.37	**0.4**	0.37	**0.48**	0.38	< 0.33	0.33	**0.74**	0.35	**0.58**	0.36
Calcium					**901**	3.5	**1,130**	3.7	**1,310**	3.7	**1,680**	3.8	**1,280**	3.3	**2,210**	3.5	**1,150**	3.6
Chromium		30			**17.4**	0.35	**17.3**	0.37	**11.7**	0.37	**15.9**	0.38	**19.6**	0.33	**14.6**	0.35	**11.6**	0.36
Cobalt					**8.53**	0.35	**5.54**	0.37	**5.28**	0.37	**6.13**	0.38	**6.43**	0.33	**6.54**	0.35	**6.05**	0.36
Copper	1,720	50	270	270	**17.6**	0.7	**17.6**	0.7	**9.8**	0.7	**8.2**	0.8	**17.8**	0.7	**14.8**	0.7	**10.7**	0.7
Iron					**18,000**	35	**20,000**	37	**13,100**	37	**15,600**	38	**28,200**	33	**17,000**	35	**14,500**	36
Lead	450	63	400	400	**4.9**	0.7	**5.2**	0.7	**9.3**	0.7	**6.7**	0.8	**5**	0.7	**274**	0.7	**8.9**	0.7
Magnesium					**2,720**	3.5	**2,650**	3.7	**2,460**	3.7	**3,410**	3.8	**2,730**	3.3	**2,630**	3.5	**2,470**	3.6
Manganese	2,000	1,600	2,000	2,000	**550**	3.5	**193**	3.7	**181**	3.7	**176**	3.8	**323**	3.3	**291**	3.5	**210**	3.6
Mercury	0.73	0.18	0.81	0.81	< 0.03	0.03	< 0.03	0.03	< 0.03	0.03	< 0.07	0.07	< 0.07	0.07	< 0.03	0.03	< 0.03	0.03
Nickel	130	30	140	310	**13.1**	0.35	**12.9**	0.37	**11.3**	0.37	**13.8**	0.38	**13.8**	0.33	**13**	0.35	**12.9**	0.36
Potassium					**2,080**	7	**1,800**	7	**1,220**	7	**1,700**	8	**1,500**	7	**1,280**	7	**1,060**	7
Selenium	4	3.9	36.0	180	< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4
Silver	8.3	2	36	180	< 0.35	0.35	< 0.37	0.37	< 0.37	0.37	< 0.38	0.38	< 0.33	0.33	< 0.35	0.35	< 0.36	0.36
Sodium					**138**	7	**113**	7	**149**	7	**212**	8	**156**	7	**233**	7	**76**	7
Thallium					< 1.4	1.4	< 1.5	1.5	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4
Vanadium					**26**	0.35	**22.4**	0.37	**15.2**	0.37	**20.5**	0.38	**27.2**	0.33	**20**	0.35	**15.3**	0.36
Zinc	2,480	109	2,200	10,000	**34**	0.7	**33.5**	0.7	**31.9**	0.7	**36**	0.8	**34.1**	0.7	**37.7**	0.7	**35.1**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 27
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Reuse Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Soil Reuse Sample Results									
					FA Grab 1		FA Grab 2		FA Grab 5		FA1 B6		FA1 B7	
					(0-5')		(0-5')		(0-5')		(1-2')		(1-2')	
					5/2/2017		5/2/2017		5/2/2017		10/25/2017		10/25/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					<26	26	<17	17	<20	20	< 15	15	< 16	16
1,1,1-Trichloroethane	680	680	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,1,2,2-Tetrachloroethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,1,2-Trichloroethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,1-Dichloroethane	270	270	19,000	26,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,1-Dichloroethene	330	330	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,1-Dichloropropene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2,3-Trichlorobenzene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2,3-Trichloropropane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2,4-Trichlorobenzene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2-Dibromo-3-chloropropane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2-Dibromoethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2-Dichloroethane	20	20	2,300	3,100	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,2-Dichloropropane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,3-Dichloropropane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	<6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
1,4-Dioxane	100	100	9,800	13,000	<97	97	<62	62	<74	74	< 55	55	< 59	59
2,2,-Dichloropropane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
2-Chlorotoluene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
2-Hexanone					< 32	32	< 21	21	< 25	25	< 18	18	< 20	20
2-Isopropyltoluene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
4-Chlorotoluene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
4-Methyl-2-Pentanone					< 32	32	< 21	21	< 25	25	< 18	18	< 20	20
Acetone	50	50	100,000	100,000	**8.2**	32	**14**	21	**13**	25	**27**	18	< 20	20
Acrolein					<26	26	<17	17	<20	20	< 15	15	< 16	16
Acrylonitrile					<26	26	<17	17	<20	20	< 15	15	< 16	16
Benzene	60	60	2,900	4,800	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	**50**	60
Bromobenzene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Bromochloromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Bromodichloromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Bromoform					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Bromomethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Carbon Disulfide					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Carbon tetrachloride	760	760	1,400	2,400	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Chlorobenzene	1,100	1,100	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Chloroethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Chloroform	370	370	10,000	49,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Chloromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
cis-1,3-Dichloropropene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Dibromochloromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Dibromomethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Dichlorodifluoromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Ethylbenzene	1,000	1,000	30,000	41,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Hexachlorobutadiene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Isopropylbenzene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
m&p-Xylenes	160	260	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	**53**	200
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 39	39	< 25	25	< 30	30	< 22	22	< 24	24
Methyl t-butyl ether (MTBE)		930		100,000	< 13	13	< 8.3	8.3	< 9.9	9.9	< 7.4	7.4	< 7.8	7.8
Methylene chloride	50	50	51,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Naphthalene	12,000	12,000	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
n-Butylbenzene	12,000	12,000	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
n-Propylbenzene	3,900	3,900	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
o-Xylene	160	260	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
p-Isopropyltoluene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Styrene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Tert-butyl alcohol					<130	130	<83	83	<99	99	< 74	74	< 78	78
tert-butylbenzene	5,900	5,900	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Tetrachloroethene	1,300	1,300	5,000	19,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Tetrahydrofuran (THF)					**7.8**	13	**5**	8.3	< 9.9	9.9	< 7.4	7.4	< 7.8	7.8
Toluene	700	700	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	**31**	200
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
trans-1,3-Dichloropropene					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
trans-1,4-dichloro-2-butene					< 13	13	< 8.3	8.3	< 9.9	9.9	< 7.4	7.4	< 7.8	7.8
Trichloroethene	470	470	10,000	21,000	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Trichlorofluoromethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Trichlorotrifluoroethane					< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9
Vinyl Chloride	20	20	210	900	< 6.5	6.5	< 4.1	4.1	< 4.9	4.9	< 3.7	3.7	< 3.9	3.9

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 27
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Reuse Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Soil Reuse Sample Results									
					FA1 B8		FA1 B9		FA2 B6		FA2 B7		FA2 B8	
					(3-4')		(3-4')		(1-2')		(3-4')		(0-4')	
					10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 17	17	< 20	20	< 940	940	< 24	24	< 17	17
1,1,1-Trichloroethane	680	680	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,1,2,2-Tetrachloroethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,1,2-Trichloroethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,1-Dichloroethane	270	270	19,000	26,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,1-Dichloroethene	330	330	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,1-Dichloropropene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2,3-Trichlorobenzene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2,3-Trichloropropane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2,4-Trichlorobenzene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 4.1	4.1	< 5.0	5.0	**51**	240	< 5.9	5.9	< 4.2	4.2
1,2-Dibromo-3-chloropropane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2-Dibromoethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,2-Dichloroethane	20	20	2,300	3,100	< 4.1	4.1	< 5.0	5.0	< 24	24	< 5.9	5.9	< 4.2	4.2
1,2-Dichloropropane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 4.1	4.1	< 5.0	5.0	**40**	240	< 5.9	5.9	< 4.2	4.2
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,3-Dichloropropane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
1,4-Dioxane	100	100	9,800	13,000	< 62	62	< 75	75	< 1900	1,900	< 88	88	< 63	63
2,2,-Dichloropropane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
2-Chlorotoluene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
2-Hexanone					< 21	21	< 25	25	< 1200	1,200	< 29	29	< 21	21
2-Isopropyltoluene					< 4.1	4.1	< 5.0	5.0	**61**	240	< 5.9	5.9	< 4.2	4.2
4-Chlorotoluene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
4-Methyl-2-Pentanone					< 21	21	< 25	25	< 1200	1,200	< 29	29	< 21	21
Acetone	50	50	100,000	100,000	**56**	21	< 25	25	**330**	1,200	< 29	29	< 21	21
Acrolein					< 17	17	< 20	20	< 940	940	< 24	24	< 17	17
Acrylonitrile					< 17	17	< 20	20	< 940	940	< 24	24	< 17	17
Benzene	60	60	2,900	4,800	< 4.1	4.1	< 5.0	5.0	< 60	60	< 5.9	5.9	< 4.2	4.2
Bromobenzene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Bromochloromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Bromodichloromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Bromoform					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Bromomethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Carbon Disulfide					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Carbon tetrachloride	760	760	1,400	2,400	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Chlorobenzene	1,100	1,100	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Chloroethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Chloroform	370	370	10,000	49,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Chloromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
cis-1,3-Dichloropropene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Dibromochloromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Dibromomethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Dichlorodifluoromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Ethylbenzene	1,000	1,000	30,000	41,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Hexachlorobutadiene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Isopropylbenzene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
m&p-Xylenes	160	260	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	**6.3**	25	< 30	30	< 240	240	< 35	35	< 25	25
Methyl t-butyl ether (MTBE)		930		100,000	< 8.3	8.3	< 10	10	< 470	470	< 12	12	< 8.4	8.4
Methylene chloride	50	50	51,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Naphthalene	12,000	12,000	100,000	100,000	< 4.1	4.1	< 5.0	5.0	**160**	240	< 5.9	5.9	< 4.2	4.2
n-Butylbenzene	12,000	12,000	100,000	100,000	< 4.1	4.1	< 5.0	5.0	**46**	240	< 5.9	5.9	< 4.2	4.2
n-Propylbenzene	3,900	3,900	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
o-Xylene	160	260	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
p-Isopropyltoluene					< 4.1	4.1	< 5.0	5.0	**56**	240	< 5.9	5.9	< 4.2	4.2
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 4.1	4.1	< 5.0	5.0	**99**	240	< 5.9	5.9	< 4.2	4.2
Styrene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Tert-butyl alcohol					< 83	83	< 100	100	< 4700	4,700	< 120	120	< 84	84
tert-butylbenzene	5,900	5,900	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Tetrachloroethene	1,300	1,300	5,000	19,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Tetrahydrofuran (THF)					< 8.3	8.3	< 10	10	< 470	470	< 12	12	< 8.4	8.4
Toluene	700	700	100,000	100,000	< 4.1	4.1	**0.62**	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 4.1	4.1	< 5.0	5.0	< 190	190	< 5.9	5.9	< 4.2	4.2
trans-1,3-Dichloropropene					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
trans-1,4-dichloro-2-butene					< 8.3	8.3	< 10	10	< 470	470	< 12	12	< 8.4	8.4
Trichloroethene	470	470	10,000	21,000	< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Trichlorofluoromethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Trichlorotrifluoroethane					< 4.1	4.1	< 5.0	5.0	< 240	240	< 5.9	5.9	< 4.2	4.2
Vinyl Chloride	20	20	210	900	< 4.1	4.1	< 5.0	5.0	< 24	24	< 5.9	5.9	< 4.2	4.2

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 27
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Reuse Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Soil Reuse Sample Results									
					FA2 B9		FA5 B6		FA5 B7		FA5 B8		FA5 B9	
					(1-2')		(1-2')		(1-2')		(2-3')		(3-4')	
					10/25/2017		10/25/2017		10/25/2017		10/25/2017		10/25/2017	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane					< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
1,1,1-Trichloroethane	680	680	100,000	100,000	< 6.3	6.3	**27**	250	< 5.4	5.4	< 4.2	4.2	**1,000**	240
1,1,2,2-Tetrachloroethane					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,1,2-Trichloroethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloroethane	270	270	19,000	26,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloroethene	330	330	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,1-Dichloropropene					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2,3-Trichlorobenzene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,3-Trichloropropane					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,4-Trichlorobenzene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2,4-Trimethylbenzene	3,600	3,600	47,000	52,000	< 6.3	6.3	< 250	250	< 300	300	**35**	210	< 3.1	3.1
1,2-Dibromo-3-chloropropane					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2-Dibromoethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,2-Dichloroethane	20	20	2,300	3,100	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,2-Dichloropropane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,3,5-Trimethylbenzene	8,400	8,400	47,000	52,000	< 6.3	6.3	< 250	250	< 300	300	**22**	210	< 3.1	3.1
1,3-Dichlorobenzene	2,400	2,400	4,900	4,900	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,3-Dichloropropane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
1,4-Dichlorobenzene	1,800	1,800	13,000	13,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
1,4-Dioxane	100	100	9,800	13,000	< 94	94	< 68	68	< 81	81	< 63	63	< 46	46
2,2,-Dichloropropane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
2-Chlorotoluene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
2-Hexanone					< 31	31	< 23	23	< 27	27	< 21	21	< 15	15
2-Isopropyltoluene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
4-Chlorotoluene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
4-Methyl-2-Pentanone					< 31	31	< 23	23	< 27	27	< 21	21	< 15	15
Acetone	50	50	100,000	100,000	< 31	31	< 23	23	< 27	27	**26**	21	< 15	15
Acrolein					< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
Acrylonitrile					< 25	25	< 18	18	< 22	22	< 17	17	< 12	12
Benzene	60	60	2,900	4,800	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromobenzene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Bromochloromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromodichloromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Bromoform					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 210	210	< 3.1	3.1
Bromomethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Carbon Disulfide					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Carbon tetrachloride	760	760	1,400	2,400	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chlorobenzene	1,100	1,100	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chloroethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Chloroform	370	370	10,000	49,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	**390**	240
Chloromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
cis-1,2-Dichloroethene	250	250	59,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
cis-1,3-Dichloropropene					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Dibromochloromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Dibromomethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Dichlorodifluoromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Ethylbenzene	1,000	1,000	30,000	41,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Hexachlorobutadiene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Isopropylbenzene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
m&p-Xylenes	160	260	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	**55**	210	< 3.1	3.1
Methyl Ethyl Ketone (2-Butanone	120	120	100,000	100,000	< 38	38	< 27	27	< 33	33	< 25	25	< 18	18
Methyl t-butyl ether (MTBE)		930		100,000	< 13	13	< 9.1	9.1	< 11	11	< 8.4	8.4	< 6.1	6.1
Methylene chloride	50	50	51,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Naphthalene	12,000	12,000	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	**72**	210	< 3.1	3.1
n-Butylbenzene	12,000	12,000	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
n-Propylbenzene	3,900	3,900	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
o-Xylene	160	260	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
p-Isopropyltoluene					< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
sec-Butylbenzene	11,000	11,000	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Styrene					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Tert-butyl alcohol					< 130	130	< 91	91	< 110	110	< 84	84	< 61	61
tert-butylbenzene	5,900	5,900	100,000	100,000	< 6.3	6.3	< 250	250	< 300	300	< 210	210	< 3.1	3.1
Tetrachloroethene	1,300	1,300	5,000	19,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Tetrahydrofuran (THF)					< 13	13	< 9.1	9.1	< 11	11	< 8.4	8.4	< 6.1	6.1
Toluene	700	700	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	**22**	210	< 3.1	3.1
trans-1,2-Dichloroethene	190	190	100,000	100,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
trans-1,3-Dichloropropene					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
trans-1,4-dichloro-2-butene					< 13	13	< 500	500	< 600	600	< 420	420	< 6.1	6.1
Trichloroethene	470	470	10,000	21,000	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Trichlorofluoromethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Trichlorotrifluoroethane					< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1
Vinyl Chloride	20	20	210	900	< 6.3	6.3	< 4.6	4.6	< 5.4	5.4	< 4.2	4.2	< 3.1	3.1

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC GWP Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 28
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Reuse Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Groundwater Protection Soil Cleanup Objectives*	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Soil Reuse Sample Results					
					FA Comp 1		FA Comp 2		FA Comp 5	
					(0-5')		(0-5')		(0-5')	
					5/2/2017		5/2/2017		5/2/2017	
					µg/Kg		µg/Kg		µg/Kg	
					Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene					< 270	270	< 260	260	< 260	260
1,2,4-Trichlorobenzene					< 270	270	< 260	260	< 260	260
1,2-Dichlorobenzene	1,100	1,100	100,000	100,000	< 270	270	< 260	260	< 260	260
1,2-Diphenylhydrazine					< 270	270	< 260	260	< 260	260
1,3-Dichlorobenzene	2,400	2,400	17,000	49,000	< 270	270	< 260	260	< 260	260
1,4-Dichlorobenzene	1,800	1,800	9,800	13,000	< 270	270	< 260	260	< 260	260
2,4,5-Trichlorophenol					< 270	270	< 260	260	< 260	260
2,4,6-Trichlorophenol					< 190	190	< 180	180	< 180	180
2,4-Dichlorophenol					< 190	190	< 180	180	< 180	180
2,4-Dimethylphenol					< 270	270	< 260	260	< 260	260
2,4-Dinitrophenol					< 270	270	< 260	260	< 260	260
2,4-Dinitrotoluene					< 190	190	< 180	180	< 180	180
2,6-Dinitrotoluene					< 190	190	< 180	180	< 180	180
2-Chloronaphthalene					< 270	270	< 260	260	< 260	260
2-Chlorophenol					< 270	270	< 260	260	< 260	260
2-Methylnaphthalene					< 270	270	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	330	100,000	100,000	< 270	270	< 260	260	< 260	260
2-Nitroaniline					< 270	270	< 260	260	< 260	260
2-Nitrophenol					< 270	270	< 260	260	< 260	260
3&4-Methylphenol (m&p-cresol)					< 270	270	< 260	260	< 260	260
3,3'-Dichlorobenzidine					< 190	190	< 180	180	< 180	180
3-Nitroaniline					< 380	380	< 370	370	< 370	370
4,6-Dinitro-2-methylphenol					< 230	230	< 220	220	< 220	220
4-Bromophenyl phenyl ether					< 270	270	< 260	260	< 260	260
4-Chloro-3-methylphenol					< 270	270	< 260	260	< 260	260
4-Chloroaniline					< 310	310	< 290	290	< 290	290
4-Chlorophenyl phenyl ether					< 270	270	< 260	260	< 260	260
4-Nitroaniline					< 380	380	< 370	370	< 370	370
4-Nitrophenol					< 380	380	< 370	370	< 370	370
Acenaphthene	9,800	20,000	100,000	100,000	< 270	270	< 260	260	< 260	260
Acenaphthylene	10,700	100,000	100,000	100,000	< 270	270	< 260	260	< 260	260
Acetophenone					< 270	270	< 260	260	< 260	260
Aniline					< 310	310	< 290	290	< 290	290
Anthracene	1,000,000	100,000	100,000	100,000	< 270	270	**140**	260	**150**	260
Benz(a)anthracene	1,000	1,000	1,000	1,000	< 270	270	**410**	260	**490**	260
Benzidine					< 380	380	< 370	370	< 370	370
Benzo(a)pyrene	22,000	1,000	1,000	1,000	**140**	190	**380**	180	**540**	180
Benzo(b)fluoranthene	1,700	1,000	1,000	1,000	**140**	270	**370**	260	**550**	260
Benzo(ghi)perylene	1,000,000	100,000	100,000	100,000	< 270	270	**230**	260	**370**	260
Benzo(k)fluoranthene	1,700	800	1,000	3,900	< 270	270	**340**	260	**510**	260
Benzoic acid					< 1900	1900	< 1800	1800	< 1800	1800
Benzyl butyl phthalate					< 270	270	< 260	260	< 260	260
Bis(2-chloroethoxy)methane					< 270	270	< 260	260	< 260	260
Bis(2-chloroethyl)ether					< 190	190	< 180	180	< 180	180
Bis(2-chloroisopropyl)ether					< 270	270	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate					**300**	270	< 260	260	< 260	260
Carbazole					< 190	190	< 180	180	< 180	180
Chrysene	1,000	1,000	1,000	3,900	**160**	270	**480**	260	**660**	260
Dibenz(a,h)anthracene	1,000,000	330	330	330	< 190	190	< 180	180	< 180	180
Dibenzofuran	210,000	7,000	59,000	59,000	< 270	270	< 260	260	< 260	260
Diethyl phthalate					< 270	270	< 260	260	< 260	260
Dimethylphthalate					< 270	270	< 260	260	< 260	260
Di-n-butylphthalate					< 270	270	< 260	260	< 260	260
Di-n-octylphthalate					< 270	270	< 260	260	< 260	260
Fluoranthene	1,000,000	100,000	100,000	100,000	**200**	270	**740**	260	**860**	260
Fluorene	386,000	30,000	100,000	100,000	< 270	270	< 260	260	< 260	260
Hexachlorobenzene					< 190	190	< 180	180	< 180	180
Hexachlorobutadiene					< 270	270	< 260	260	< 260	260
Hexachlorocyclopentadiene					< 270	270	< 260	260	< 260	260
Hexachloroethane					< 190	190	< 180	180	< 180	180
Indeno(1,2,3-cd)pyrene	8,200	500	500	500	< 270	270	**230**	260	**380**	260
Isophorone					< 190	190	< 180	180	< 180	180
Naphthalene	12,000	12,000	100,000	100,000	< 270	270	< 260	260	< 260	260
Nitrobenzene					< 190	190	< 180	180	< 180	180
N-Nitrosodimethylamine					< 270	270	< 260	260	< 260	260
N-Nitrosodi-n-propylamine					< 190	190	< 180	180	< 180	180
N-Nitrosodiphenylamine					< 270	270	< 260	260	< 260	260
Pentachloronitrobenzene					< 270	270	< 260	260	< 260	260
Pentachlorophenol	800	800	2,400	6,700	< 230	230	< 220	220	< 220	220
Phenanthrene	1,000,000	100,000	100,000	100,000	< 270	270	**440**	260	**620**	260
Phenol	330	330	100,000	100,000	< 270	270	< 260	260	< 260	260
Pyrene	1,000,000	100,000	100,000	100,000	**220**	270	**690**	260	**820**	260
Pyridine					< 270	270	< 260	260	< 260	260

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC Residential SCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 29
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remaining Soil Sample Exceedences
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	B3	B4	B6		B9		B10		B11		B13	B15	B16	B17	
			3/6/2014	3/6/2014	3/5/2014		3/6/2014		3/6/2014		3/5/2014		3/5/2014	3/5/2014	3/6/2014	3/5/2014	
			(0-2')	(0-2')	(0-2')	(5-7')	(0-2')	(5-7)	(0-2')	(5-7')	(0-2')	(5-7')	(5-7')	(0-2')	(0-2')	(0-2')	(5-7')
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	72-270	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl chloride	86 - 90	2	-	-	-	**90**	-	-	-	-	-	**86**	-	-	-	-	-
Toluene	730	1	-	-	-	**730**	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1,300-63,000	16	**2,200**	**63,000**	-	**1,300**	-	**2,900**	-	-	-	-	-	**1,900**	**-**	**3,000**	-
Benzo(a)pyrene	1,100-54,000	17	**2,000**	**54,000**	-	**1,200**	**1,600**	**2,900**	-	-	-	-	-	**2,100**	**-**	**2,800**	-
Benzo(b)fluoranthene	1,600-77,000	18	**2,800**	**77,000**	-	**1,600**	**1,900**	**4,900**	-	-	-	-	-	**3,100**	**1,600**	**4,200**	-
Benzo(k)fluoranthene	920-25,000	9	-	**25,000**	-	-	-	**1,600**	-	-	-	-	-	**920**	**-**	**960**	-
Chrysene	1,000-59,000	8	**2,400**	**59,000**	-	**1,400**	-	**3,500**	-	-	-	-	-	**2,000**	**1,000**	**3300**	-
Dibenzo(a,h)anthracene	410-1,100	2	-	-	-	-	-	**410**	-	-	-	-	-	-	-	-	-
Fluoranthene	120,000	1	-	**120,000**	-	-	-	**-**	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	510-21,000	20	**930**	**21,000**	-	**550**	**760**	**1,400**	-	-	-	-	-	**900**	**-**	**1700**	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	43,749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1260	6,300	1	-	-	-	-	-	**6,300**	-	-	-	-	-	-	-	-	-
Sample Results in mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	17-55	6	-	-	-	**28.40**	-	-	-	**30.8**	-	-	-	-	-	**32.6**	-
Barium	452-1220	2	-	**452**	-	-	-	**1,220**	-	-	-	-	-	-	-	-	-
Cadmium	3.10-6.42	3	-	-	-	-	-	**3.11**	-	-	-	-	-	-	**3.10**	**6.42**	-
Chromium	33.4-43.8	4	-	-	-	-	-	**42.4**	-	**33.4**	-	-	-	-	-	**43.8**	-
Copper	63.4-572	17	**88.5**	**156**	**63.4**	**92.0**	-	**572**	**93.6**	**105**	-	**131**	**81.30**	**96.4**	**71.8**	**243**	-
Lead	63.6-2,320	22	**479**	**901**	**129**	**1010**	**63.6**	**2,320**	-	**1,170**	**63.70**	**546**	**498**	**273**	**105**	**1070**	**99.2**
Mercury	0.29-4.29	9	**0.59**	**1.01**	**0.21**	-	-	**0.63**	-	**1.4**	-	**4.29**	**0.20**	**0.29**	**0.22**	**0.53**	-
Nickel	34.3-53.6	3	-	-	-	-	-	**53.6**	-	**34.3**	-	-	-	-	-	**45.4**	-
Zinc	119-1,180	8	**220**	**600**	**199**	-	-	**1,180**	-	**351**	-	-	**241**	**180**	**127**	**946**	-

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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- - Not Analyzed

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Table 29
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remaining Soil Sample Exceedences
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	B19	B20		B23	B24		B25		B26		B27	B28		B29		B30
			3/6/2014	3/6/2014		11/21/2014	11/21/2014		11/21/2014		11/21/2014		11/21/2014	11/21/2014		11/22/2014		11/21/2014
			(0-2')	(0-2')	(5-7')	(0-2')	(5-7)	(13-15')	(0-2')	(5-7' WT)	(5-7')	(13-15')	(5-7')	(0-2')	(5-7')	(0-2')	(5-7')	(0-2')
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	72-270	11	-	-	-	**72**	**82**	**120**	-	-	**160**	**140**	**74**	**64**	**73**	**140**	**270**	-
Methyl chloride	86 - 90	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	730	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1,300-63,000	16	**2,200**	**1,400**	**1,900**	**1,300**	-	-	-	-	-	-	-	**5,300**	-	-	-	-
Benzo(a)pyrene	1,100-54,000	17	**2,400**	**1,400**	**1,600**	**1,100**	-	-	-	-	-	-	-	**4,900**	-	-	-	-
Benzo(b)fluoranthene	1,600-77,000	18	**3,300**	**2,100**	**2,200**	**1,600**	-	-	-	-	-	-	-	**5,800**	-	-	-	-
Benzo(k)fluoranthene	920-25,000	9	**940**	-	-	-	-	-	-	-	-	-	-	**2,100**	-	-	-	-
Chrysene	1,000-59,000	8	**2400**	**1,200**	**2,000**	**1,500**	-	-	-	-	-	-	-	**5,300**	-	-	-	-
Dibenzo(a,h)anthracene	410-1,100	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	120,000	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	510-21,000	20	**1100**	**810**	**700**	-	-	-	-	-	-	-	-	**3,000**	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	3	1	-	-	-	**3**	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	43,749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1260	6,300	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	17-55	6	**17**	-	-	-	-	-	**55.0**	**20.3**	-	-	-	-	-	-	-	-
Barium	452-1220	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	3.10-6.42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	33.4-43.8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	63.4-572	17	**115**	-	**80.6**	**133**	-	-	-	-	-	-	-	**561**	-	**108.00**	-	-
Lead	63.6-2,320	22	**2,070**	**69.6**	**777**	**150**	-	-	-	-	-	-	-	**302**	-	**305**	-	**273**
Mercury	0.29-4.29	9	**1.90**	**0.39**	**0.32**	**0.44**	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	34.3-53.6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	119-1,180	8	**191**	-	**572**	-	-	-	-	-	-	-	-	**245**	-	**160**	-	-

Notes:

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Table 29
Former Consolidated Freightways Truck Terminal
11 West Street,
Brooklyn, New York
Remaining Soil Sample Exceedences
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	B31		B32	B33	B34	B35	B36		HS1W	HS6E	SW8	SW15	Spill Bottom	EPB1
			11/21/2014		12/9/2014	12/12/2014	12/8/2014	11/21/2014	11/21/2014		11/8/2017	11/2/2017	12/8/2017	11/28/2017	12/6/2017	9/17/2019
			(0-2')	(5-7' WT)	(5-7')	(WT)	(5-7')	(0-2')	(0-2')	(5-7')						
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	72-270	11	-	-	-	-	-	-	-	**170**	-	-	-	-	-	-
Methyl chloride	86 - 90	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	730	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1,300-63,000	16	-	-	**3,500**	**7,400**	**2,300**	**1,700**	-	-	-	-	-	-	**2,100**	-
Benzo(a)pyrene	1,100-54,000	17	-	-	**3,300**	**6,200**	**2,000**	**1,500**	-	-	-	-	-	-	**1,800**	-
Benzo(b)fluoranthene	1,600-77,000	18	-	-	**4,900**	**8,300**	**3,800**	**2,000**	-	-	-	-	-	-	**1,900**	-
Benzo(k)fluoranthene	920-25,000	9	-	-	**1,600**	**2,800**	**1,100**	-	-	-	-	-	-	-	**1,800**	-
Chrysene	1,000-59,000	8	-	-	**3,500**	**7,100**	**2,800**	**1,800**	-	-	-	-	-	-	**2,600**	-
Dibenzo(a,h)anthracene	410-1,100	2	-	-	-	**1,100**	-	-	-	-	-	-	-	-	-	-
Fluoranthene	120,000	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	510-21,000	20	-	-	**1,000**	**4,000**	**880**	**1,000**	-	-	**580**	**540**	**520**	**510**	**980**	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	43,749	2	-	-	**11**	-	**10**	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB-1260	6,300	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	17-55	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	452-1220	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	3.10-6.42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	33.4-43.8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	**36.2**
Copper	63.4-572	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	63.6-2,320	22	**326**	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	0.29-4.29	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	34.3-53.6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	119-1,180	8	**131**	**119**	-	-	-	-	-	-	-	-	-	-	-	-

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