



BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

DEC requires an application to request major changes to the description of the property set forth in a Brownfield Cleanup Agreement, or "BCA" (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). Such application must be submitted and processed in the same manner as the original application, including the required public comment period. **Is this an application to amend an existing BCA?**

Yes

No

If yes, provide existing site number: _____

PART A (note: application is separated into Parts A and B for DEC review purposes) *BCP App Rev 10*

Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY
BCP SITE #:

NAME

ADDRESS

CITY/TOWN

ZIP CODE

PHONE

FAX

E-MAIL

Is the requestor authorized to conduct business in New York State (NYS)?

Yes

No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the [NYS Department of State's Corporation & Business Entity Database](#). A print-out of entity information from the database must be submitted to the New York State Department of Environmental Conservation (DEC) with the application to document that the requestor is authorized to do business in NYS. **Please note:** If the requestor is an LLC, the members/owners names need to be provided on a separate attachment.

Do all individuals that will be certifying documents meet the requirements detailed below? Yes No

- Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of [DER-10: Technical Guidance for Site Investigation and Remediation](#) and Article 145 of New York State Education Law. **Documents that are not properly certified will be not approved under the BCP.**

Section II. Project Description

1. What stage is the project starting at?

Investigation

Remediation

NOTE: If the project is proposed to start at the remediation stage, a Remedial Investigation Report (RIR) at a minimum is required to be attached, resulting in a 30-day public comment period. If an Alternatives Analysis and Remedial Work Plan are also attached (see DER-10 / Technical Guidance for Site Investigation and Remediation for further guidance) then a 45-day public comment period is required.

2. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law (ECL) Article 27-1415(2): Yes No

3. Please attach a short description of the overall development project, including:

- the date that the remedial program is to start; and
- the date the Certificate of Completion is anticipated.



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☐ Yes

☒ No

If yes, provide existing site number: _____

PART A (note: application is separated into Parts A and B for DEC review purposes) *BCP App Rev 10*

Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY
BCP SITE #:

NAME Speedway LLC

ADDRESS 500 Speedway Drive

CITY/TOWN Enon

ZIP CODE 45323

PHONE (937) 863-6515

FAX (937) 863-6078

E-MAIL jmhelms@speedway.com

Is the requestor authorized to conduct business in New York State (NYS)?

☒ Yes ☐ No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the [NYS Department of State's Corporation & Business Entity Database](#). A print-out of entity information from the database must be submitted to the New York State Department of Environmental Conservation (DEC) with the application to document that the requestor is authorized to do business in NYS. **Please note:** If the requestor is an LLC, the members/owners names need to be provided on a separate attachment.

Do all individuals that will be certifying documents meet the requirements detailed below? ☒ Yes ☐ No

- Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of [DER-10: Technical Guidance for Site Investigation and Remediation](#) and Article 145 of New York State Education Law. **Documents that are not properly certified will be not approved under the BCP.**

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2. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law (ECL) Article 27-1415(2): ☐ Yes ☐ No

3. Please attach a short description of the overall development project, including:

- the date that the remedial program is to start; and
- the date the Certificate of Completion is anticipated.

Section III. Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish contamination of environmental media on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the property.

To the extent that existing information/studies/reports are available to the requestor, please attach the following (***please submit the information requested in this section in electronic format only***):

1. **Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (ASTM E1903). **Please submit a separate electronic copy of each report in Portable Document Format (PDF).**

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED.

Contaminant Category	Soil	Groundwater	Soil Gas
Petroleum			
Chlorinated Solvents			
Other VOCs			
SVOCs			
Metals			
Pesticides			
PCBs			
Other*			

*Please describe: _____

3. FOR EACH IMPACTED MEDIUM INDICATED ABOVE, INCLUDE A SITE DRAWING INDICATING:

- SAMPLE LOCATION
- DATE OF SAMPLING EVENT
- KEY CONTAMINANTS AND CONCENTRATION DETECTED
- FOR SOIL, HIGHLIGHT IF ABOVE REASONABLY ANTICIPATED USE
- FOR GROUNDWATER, HIGHLIGHT EXCEEDANCES OF 6NYCRR PART 703.5
- FOR SOIL GAS/ SOIL VAPOR/ INDOOR AIR, HIGHLIGHT IF ABOVE MITIGATE LEVELS ON THE NEW YORK STATE DEPARTMENT OF HEALTH MATRIX

THESE DRAWINGS ARE TO BE REPRESENTATIVE OF ALL DATA BEING RELIED UPON TO MAKE THE CASE THAT THE SITE IS IN NEED OF REMEDIATION UNDER THE BCP. DRAWINGS SHOULD NOT BE BIGGER THAN 11" X 17". THESE DRAWINGS SHOULD BE PREPARED IN ACCORDANCE WITH ANY GUIDANCE PROVIDED.

ARE THE REQUIRED MAPS INCLUDED WITH THE APPLICATION?*

(*answering No will result in an incomplete application)

Yes No

4. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):

Coal Gas Manufacturing	Manufacturing	Agricultural Co-op	Dry Cleaner
Salvage Yard	Bulk Plant	Pipeline	Service Station
Landfill	Tannery	Electroplating	Unknown

Other: _____

Section IV. Property Information - See Instructions for Further Guidance				
PROPOSED SITE NAME				
ADDRESS/LOCATION				
CITY/TOWN		ZIP CODE		
MUNICIPALITY(IF MORE THAN ONE, LIST ALL):				
COUNTY		SITE SIZE (ACRES)		
LATITUDE (degrees/minutes/seconds) ° ' "		LONGITUDE (degrees/minutes/seconds) ° ' "		
Complete tax map information for all tax parcels included within the proposed site boundary. If a portion of any lot is proposed , please indicate as such by inserting "P/O" in front of the lot number in the appropriate box below, and only include the acreage for that portion of the tax parcel in the corresponding far right column.ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.				
Parcel Address	Section No.	Block No.	Lot No.	Acreage
1. Do the proposed site boundaries correspond to tax map metes and bounds? If no, please attach an accurate map of the proposed site.			Yes	No
2. Is the required property map attached to the application? (application will not be processed without map)			Yes	No
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See DEC's website for more information)			Yes	No
If yes, identify census tract : _____				
Percentage of property in En-zone (check one): 0-49% 50-99% 100%				
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? Yes No				
If yes, identify name of properties (and site numbers if available) in related BCP applications:_____				
5. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?			Yes	No
6. Has the property previously been remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law? If yes, attach relevant supporting documentation.			Yes	No
7. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.			Yes	No

Section IV. Property Information (continued)

8. Are there any easements or existing rights of way that would preclude remediation in these areas?
If yes, identify here and attach appropriate information. Yes No

Easement/Right-of-way Holder

Description

9. List of Permits issued by the DEC or USEPA Relating to the Proposed Site (type here or attach information)

Type

Issuing Agency

Description

10. Property Description and Environmental Assessment – **please refer to application instructions for the proper format of each narrative requested.**

Are the Property Description and Environmental Assessment narratives included in the **prescribed format**?

Yes No

Note: Questions 11 through 13 only pertain to sites located within the five counties comprising New York City

11. Is the requestor seeking a determination that the site is eligible for tangible property tax credits? Yes No

If yes, requestor must answer questions on the supplement at the end of this form.

12. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down? Yes No

13. If you have answered Yes to Question 12, above, is an independent appraisal of the value of the property, as of the date of application, prepared under the hypothetical condition that the property is not contaminated, included with the application? Yes No

NOTE: If a tangible property tax credit determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion by using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.

If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: _____

BCP application - PART B (note: application is separated into Parts A and B for DEC review purposes)

Section V. Additional Requestor Information See Instructions for Further Guidance		DEC USE ONLY BCP SITE NAME: _____ BCP SITE #: _____	
NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
NAME OF REQUESTOR'S CONSULTANT			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
NAME OF REQUESTOR'S ATTORNEY			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
Section VI. Current Property Owner/Operator Information – if not a Requestor			
CURRENT OWNER'S NAME		OWNERSHIP START DATE:	
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
CURRENT OPERATOR'S NAME			
ADDRESS			
CITY/TOWN		ZIP CODE	
PHONE	FAX	E-MAIL	
PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, TO EACH PREVIOUS OWNER AND OPERATOR, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE".			
IF REQUESTOR IS NOT THE CURRENT OWNER, DESCRIBE REQUESTOR'S RELATIONSHIP TO THE CURRENT OWNER, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND THE CURRENT OWNER.			
Section VII. Requestor Eligibility Information (Please refer to ECL § 27-1407)			
If answering "yes" to any of the following questions, please provide an explanation as an attachment.			
1. Are any enforcement actions pending against the requestor regarding this site? Yes No			
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site? Yes No			
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator. Yes No			

Section VII. Requestor Eligibility Information (continued)

4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the ECL Article 27; ii) any order or determination; iii) any regulation implementing Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment. Yes No
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as name, address, DEC assigned site number, the reason for denial, and other relevant information. Yes No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? Yes No
7. Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state? Yes No
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of DEC, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to DEC? Yes No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9 (f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? Yes No
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order? Yes No
11. Are there any unregistered bulk storage tanks on-site which require registration? Yes No

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

PARTICIPANT

A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.

Section VII. Requestor Eligibility Information (continued)

Requestor Relationship to Property (check one):

Previous Owner Current Owner Potential /Future Purchaser Other_____

If requestor is not the current site owner, **proof of site access sufficient to complete the remediation must be submitted.** Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site Is this proof attached?

Yes No

Note: a purchase contract does not suffice as proof of access.

Section VIII. Property Eligibility Information - See Instructions for Further Guidance

1. Is / was the property, or any portion of the property, listed on the National Priorities List?
If yes, please provide relevant information as an attachment.

Yes No
2. Is / was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites pursuant to ECL 27-1305?
If yes, please provide: Site # _____ Class # _____

Yes No
3. Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility?
If yes, please provide: Permit type: _____ EPA ID Number: _____
 Date permit issued: _____ Permit expiration date: _____

Yes No
4. If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation.

Yes No
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10?
If yes, please provide: Order # _____

Yes No
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum?
If yes, please provide explanation as an attachment.

Yes No

Section IX. Contact List Information

To be considered complete, the application must include the Brownfield Site Contact List in accordance with [DER-23 / Citizen Participation Handbook for Remedial Programs](#). Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). **If the site is located in a city with a population of one million or more, add the appropriate community board as an additional document repository.** In addition, attach a copy of an acknowledgement from each repository indicating that it agrees to act as the document repository for the site.

Section X. Land Use Factors

1. What is the current municipal zoning designation for the site? _____

What uses are allowed by the current zoning? (Check boxes, below)

Residential Commercial Industrial

If zoning change is imminent, please provide documentation from the appropriate zoning authority.

2. Current Use: Residential Commercial Industrial Vacant Recreational (check all that apply)

Attach a summary of current business operations or uses, with an emphasis on identifying possible contaminant source areas. If operations or uses have ceased, provide the date.

3. Reasonably anticipated use Post Remediation: Residential Commercial Industrial (check all that apply) **Attach a statement detailing the specific proposed use.**

If residential, does it qualify as single family housing?

Yes No

4. Do current historical and/or recent development patterns support the proposed use?

Yes No

5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary.

Yes No

6. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Briefly explain below, or attach additional information and documentation if necessary.

Yes No

XI. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____

Signature: _____

Print Name: _____

(By a requestor other than an individual)

I hereby affirm that I am Authorized Signatory (title) of 204 4th Avenue LLC (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 4/15/19

Signature: 

Print Name: Jesse J Wark

SUBMITTAL INFORMATION:

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:
 - Chief, Site Control Section
 - New York State Department of Environmental Conservation
 - Division of Environmental Remediation
 - 625 Broadway
 - Albany, NY 12233-7020

FOR DEC USE ONLY

BCP SITE T&A CODE: _____ LEAD OFFICE: _____

XI. Statement of Certification and Signatures

(By requestor who is an individual)

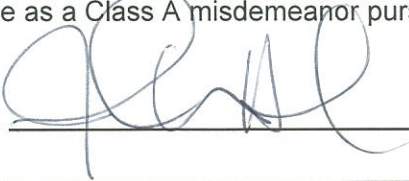
If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the [DER-32, Brownfield Cleanup Program Applications and Agreements](#); and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____

Print Name: _____

(By a requestor other than an individual)

I hereby affirm that I am Authorized Signatory (title) of Speedway LLC (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the [DER-32, Brownfield Cleanup Program Applications and Agreements](#); and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 4/12/19 Signature: 

Print Name: John M. Helms

SUBMITTAL INFORMATION:

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:
 - Chief, Site Control Section
 - New York State Department of Environmental Conservation
 - Division of Environmental Remediation
 - 625 Broadway
 - Albany, NY 12233-7020

FOR DEC USE ONLY

BCP SITE T&A CODE: _____ LEAD OFFICE: _____

Supplemental Questions for Sites Seeking Tangible Property Credits in New York City ONLY. Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a) must be submitted if requestor is seeking this determination.

BCP App Rev 10

Property is in Bronx, Kings, New York, Queens, or Richmond counties.	Yes	No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.	Yes	No
Please answer questions below and provide documentation necessary to support answers.		
1. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)? Please see DEC's website for more information.	Yes	No
2. Is the property upside down or underutilized as defined below?	Upside Down?	Yes No
	Underutilized?	Yes No
From ECL 27-1405(31): "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated. From 6 NYCRR 375-3.2(I) as of August 12, 2016: (Please note: Eligibility determination for the underutilized category can only be made at the time of application) 375-3.2: (I) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and (1) the proposed use is at least 75 percent for industrial uses; or (2) at which: (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses; (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and (iii) one or more of the following conditions exists, as certified by the applicant: (a) property tax payments have been in arrears for at least five years immediately prior to the application; (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or (c) there are no structures. "Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.		

Supplemental Questions for Sites Seeking Tangible Property Credits in New York City (continued)

3. If you are seeking a formal determination as to whether your project is eligible for Tangible Property Tax Credits based in whole or in part on its status as an affordable housing project (defined below), you must attach the regulatory agreement with the appropriate housing agency (typically, these would be with the *New York City Department of Housing, Preservation and Development*; the *New York State Housing Trust Fund Corporation*; the *New York State Department of Housing and Community Renewal*; or the *New York State Housing Finance Agency*, though other entities may be acceptable pending Department review). **Check appropriate box, below:**

Project is an Affordable Housing Project - Regulatory Agreement Attached;

Project is Planned as Affordable Housing, But Agreement is Not Yet Available*
(*Checking this box will result in a “pending” status. The Regulatory Agreement will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.);

This is Not an Affordable Housing Project.

From 6 NYCRR 375- 3.2(a) as of August 12, 2016:

(a) “Affordable housing project” means, for purposes of this part, title fourteen of article twenty seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency’s affordable housing program, or a local government’s regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants’ households annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency’s affordable housing program, or a local government’s regulatory agreement or legally binding restriction, which sets affordable units aside for home owners at a defined maximum percentage of the area median income.

(3) “Area median income” means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

BCP Application Summary (for DEC use only)**Site Name:****City:****Site Address:****County:****Zip:****Tax Block & Lot****Section (if applicable):****Block:****Lot:****Requestor Name:****City:****Requestor Address:****Zip:****Email:****Requestor's Representative (for billing purposes)****Name:****Address:****City:****Zip:****Email:****Requestor's Attorney****Name:****Address:****City:****Zip:****Email:****Requestor's Consultant****Name:****Address:****City:****Zip:****Email:****Percentage claimed within an En-Zone:****0%****<50%****50-99%****100%****DER Determination:**

Agree

Disagree

Requestor's Requested Status:**Volunteer****Participant****DER/OGC Determination:**

Agree

Disagree

Notes:**For NYC Sites, is the Requestor Seeking Tangible Property Credits:**

Yes

No

Does Requestor Claim Property is Upside Down:

Yes

No

DER/OGC Determination:

Agree

Disagree

Undetermined

Notes:**Does Requestor Claim Property is Underutilized:**

Yes

No

DER/OGC Determination:

Agree

Disagree

Undetermined

Notes:**Does Requestor Claim Affordable Housing Status:**

Yes

No

Planned, No Contract

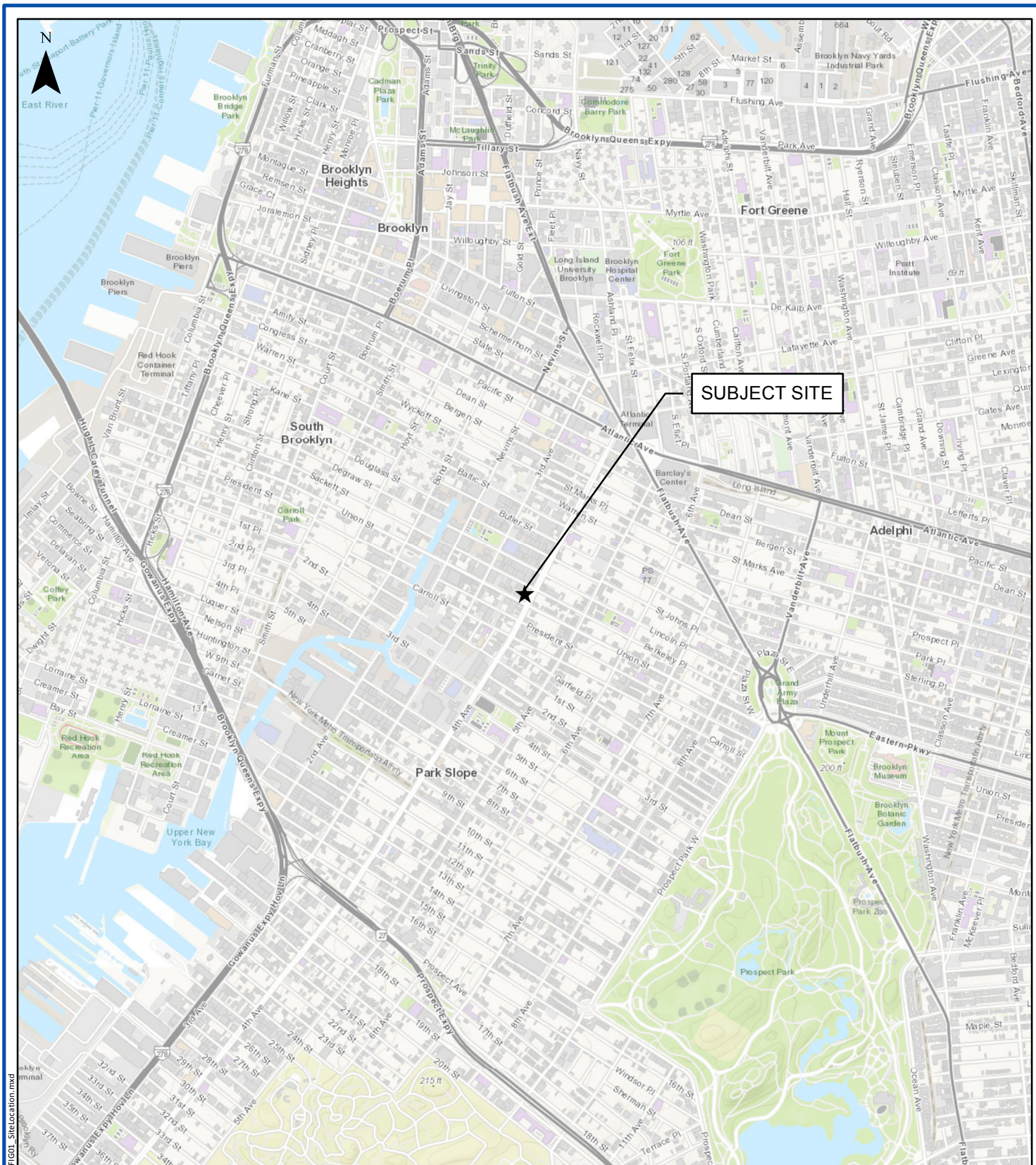
DER/OGC Determination:

Agree

Disagree

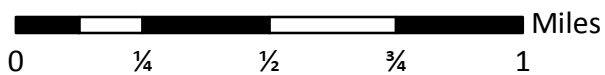
Undetermined

Notes:



SITE LOCATION

204 4th Avenue
Brooklyn, NY



Project:	AH1903
Date:	1/25/2019
Designed by:	RM
Drawn by:	WY
Approved by:	RM
Figure No:	1



PWGC
CLIENT DRIVEN SOLUTIONS

P.W. Grosser Consulting Engineer & Hydrogeologist, P.C.

630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
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Table 1
Soil Sample Analytical Data Summary
Volatile Organic Compounds
204 4th Avenue, Brooklyn, NY

Client Sample ID:	S8001			S8002			S8003			S8004			S8005			S8006			S8007			S8008			DUPE-1	DUPE-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Sample Depth:	6-8"			13-15"			4-6"			8-10"			19-21"			0-2"			12-14"			2-4"			15-17"			4-6"			19-21"			DUPE-1			DUPE-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Laboratory ID:	11906299-05			11906299-02			11906588-02			11906299-04			11906299-06			11906083-01			11906393-04			11906393-05			11906083-02			11906393-02			11906393-01			11906083-03			11906393-08			11906393-07			11906393-09			11906480-01			11906480-02			11906480-03			11906480-04			11906480-05			11906480-06			11906480-07			11906480-08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Sampling Date:	2/12/2019			2/15/2019			2/12/2019			2/15/2019			2/15/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/2019			2/18/2019			2/13/2019			2/18/201		

Table 2
Soil Sample Analytical Data Summary
Semi-Volatile Organic Compounds
204 4th Avenue, Brooklyn, NY

Client Sample ID:	SB001			SB002			SB003			SB004			SB005			SB006			SB007			SB008			DUPE-1	DUPE-2				
Sample Depth:	6-8"			8-10"			10-12"			12-14"			14-16"			16-18"			18-20"			20-22"								
Laboratory ID:	L1905688-01			L1906299-05			L1906299-02			L1906299-04			L1906299-06			L1906083-01			L1906393-05			L1906393-02			L1906393-01					
Sampling Date:	2/12/2019			2/15/2019			2/12/2019			2/15/2019			2/15/2019			2/13/2019			2/18/2019			2/18/2019			2/18/2019			2/19/2019		
Semi-Volatile Organic Compounds by USEPA Method 8270 in mg/kg																														
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
1,2,4-Trichlorobenzene	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
1,2-Dichlorobenzene	1.1	100	500	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
1,3-Dichlorobenzene	2.4	49	280	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
1,4-Dichlorobenzene	1.8	13	130	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2,4,5-Trichlorophenol	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2,4,6-Trichlorophenol	NS	NS	NS	0.56 U	0.12 U	0.12 U	1.2 U	0.12 U	1.2 U	0.11 U	2.4 U	0.12 U	0.55 U	0.12 U	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.11 U	0.11 U	0.56 U	0.13 U	0.41 U	0.12 U	0.12 U	
2,4-Dichlorophenol	NS	NS	NS	0.84 U	0.18 U	0.18 U	1.8 U	0.18 U	1.8 U	0.16 U	3.7 U	0.19 U	0.83 U	0.18 U	0.18 U	0.16 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U	0.17 U	0.17 U	0.84 U	0.2 U	0.61 U	0.18 U	0.17 U	
2,4-Dimethylphenol	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	1.6 J	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2,4-Dinitrophenol	NS	NS	NS	4.4 U	0.96 U	0.97 U	9.4 U	0.98 U	9.6 U	0.86 U	20 U	1 U	4.4 U	0.94 U	0.96 U	0.88 U	0.9 U	0.94 U	0.96 U	0.93 U	0.97 U	0.98 U	0.89 U	0.92 U	4.5 U	1.1 U	3.3 U	0.96 U	0.92 U	
2,6-Dinitrotoluene	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2-Chloronaphthalene	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2-Chlorophenol	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2-Methylnaphthalene	NS	NS	NS	0.13 J	0.044 J	0.036 J	0.56 J	0.24 U	32	0.53	86	0.42	0.54 J	0.24 U	0.24 U	0.17 J	0.23 U	0.23 U	0.032 J	0.23 U	0.026 J	0.094 J	0.22 U	0.23 U	0.19 J	0.26 U	1.3	0.24 U	0.23 U	
2-Methylphenol	0.33	100	500	0.93 U	0.2 U	0.2 U	2 U	0.2 U	0.86 J	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2-Nitroaniline	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
2-Nitrophenol	NS	NS	NS	2 U	0.43 U	0.44 U	4.2 U	0.44 U	4.3 U	0.39 U	8.8 U	0.45 U	2 U	0.42 U	0.43 U	0.4 U	0.41 U	0.42 U	0.43 U	0.42 U	0.44 U	0.44 U	0.4 U	0.41 U	2 U	0.48 U	1.5 U	0.43 U	0.42 U	
3,3-Dichlorobenzidine	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
3-Methylphenol/4-Methylphenol	0.33	100	500	1.3 U	0.035 J	0.29 U	2.8 U	0.29 U	2.5 J	0.028 J	5.9 U	0.3 U	1.3 U	0.28 U	0.29 U	0.03 J	0.27 U	0.28 U	0.29 U	0.28 U	0.16 J	0.29 U	0.27 U	0.28 U	1.3 U	0.084 J	0.23 J	0.084 J	0.28 U	
3-Nitroaniline	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
4,6-Dinitro- <i>m</i> -cresol	NS	NS	NS	2.4 U	0.52 U	0.52 U	5.1 U	0.53 U	5.2 U	0.47 U	11 U	0.54 U	2.4 U	0.51 U	0.52 U	0.48 U	0.49 U	0.51 U	0.52 U	0.5 U	0.52 U	0.53 U	0.48 U	0.5 U	2.4 U	0.58 U	1.8 U	0.52 U	0.5 U	
4-Bromophenyl phenyl ether	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
4-Chloroaniline	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
4-Chlorophenyl phenyl ether	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
4-Nitroaniline	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
4-Nitrophenol	NS	NS	NS	1.3 U	0.28 U	0.28 U	2.7 U	0.29 U	2.8 U	0.25 U	5.7 U	0.29 U	1.3 U	0.28 U	0.28 U	0.26 U	0.26 U	0.27 U	0.28 U	0.28 U	0.26 U	0.28 U	1.3 U	0.31 U	0.96 U	0.28 U	0.27 U	0.28 U	0.27 U	
Acenaphthene	20	100	500	0.96	0.032 J	0.16 U	2.3	0.16 U	64	1.2	0.71 J	0.46 J	3	0.022 J	0.16 U	0.8	0.15 U	0.16 U	0.088 J	0.16 U	0.16 U	0.39	0.15 U	0.15 U	0.84	0.18 U	3.9	0.16 U	0.15 U	
Acenaphthylene	100	100	500	0.79	0.31	0.16 U	2.2	0.16 U	10	0.19	3.3 U	0.11 J	0.24 J	0.16 U	0.16 U	0.46	0.15 U	0.16 U	0.13 J	0.16 U	0.16 U	0.16	0.15 U	0.15 U	0.37 J	0.18 U	0.27 J	0.16 U	0.15 U	
Acetophenone	NS	NS	NS	0.93 U	0.2 U	0.2 U	2 U	0.2 U	2 U	0.18 U	4.1 U	0.21 U	0.92 U	0.2 U	0.2 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.2 U	0.18 U	0.19 U	0.93 U	0.22 U	0.68 U	0.2 U	0.19 U	
Anthracene	100	100	500	3.5	0.4	0.12 U	7.1	0.047 J	91 E	2.8	2.4 U	0.2	5.8	0.058 J	0.12 U	2	0.11 U	0.12 U	0.32	0.12 U	0.12 U	0.88	0.11 U	0.11 U	2.7	0.047 J	4.6	0.12 U	0.12 U	
Benzo(a)anthracene	1	1	5.6	11	2.1	0.12 U	22	0.26	120 E	3.6	0.76 J	0.39	8.8	0.17	0.12 U	5.4	0.11 U	0.12 U	1.2	0.12 U	0.045 J	2.4	0.11 U	0.11 U	6.8	0.11 J	6.7	0.12 U	0.12 U	
Benzo(a)pyrene	1	1	1	10	1.8	0.16 U	21	0.25	93 E	2.8	3.3 U	0.45	7.8	0.16	0.16 U	5	0.15 U	0.16 U	1.4	0.16 U	0.16 U	2	0.15 U	0.15 U	5.6	0.093 J	5.2	0.16 U	0.15 U	
Benzo(b)fluoranthene	1	1	5.6	13	2.3	0.038 J	27	0.31	110 E	3.5	2.4 U	0.56	9.5	0.21	0.12 U	6.1	0.11 U	0.12 U	2	0.12 U	0.057 J	2.4	0.11 U	0.11 U	7.1	0.13	6.7	0.12 U	0.12 U	
Benzo(g)hperylene	100	100	500	6.5	0.84	0.16 U	14	0.15 J	56	1.7	0.71 J	0.27	4.9	0.092 J	0.16 U	3.4	0.15 U	0.16 U	1.1	0.16 U	0.035 J	1.2	0.15 U	0.15 U	3.5	0.057 J	3.1	0.16 U	0.15 U	
Benzo(k)fluoranthene	0.8	3.9	56	4.4	0.79	0.12 U	9																							

Table 3
Soil Sample Analytical Data Summary
Total Metals
204 4th Avenue, Brooklyn, NY

Client Sample ID:	NYSDEC Soil Cleanup Objectives Unrestricted Use ⁽¹⁾		NYSDEC Soil Cleanup Objectives Restricted- Residential Use ⁽²⁾		NYSDEC Soil Cleanup Objectives Commercial Use ⁽³⁾		Toxicity Characteristic Regulatory Levels (TCLP) ⁽⁴⁾		SB001			SB002			SB003			SB004			SB005			SB006			SB007			SB008			GT001		GT002		DUPE-1	DUPE-2	
Sample Depth:									2'-4'	6'-8'	13-15'	4'-6'	8-10'	19-21'	0-2'	12-14'	19-21'	2'-4'	12-14'	14-16'	0-2'	8-10'	12-14'	2'-4'	10-12'	19-21'	6-8'	12-14'	15-17'	4'-6'	13-15'	19-21'	25-27'	30-32'	25-27'	30-32'			
Laboratory ID:									L1905688-01	L1906299-05	L1906299-02	L1905688-02	L1906299-04	L1906299-06	L1906083-01	L1906393-04	L1906393-05	L1906083-02	L1906393-02	L1906393-01	L1906083-03	L1906393-08	L1906393-07	L1906393-09	L1906480-01	L1906480-02	L1906480-03	L1906480-04	L1906480-05	L1906299-07	L1906299-03	L1906299-01	25-27'	30-32'	25-27'	30-32'	L1906480-07	L1906480-08	
Sampling Date:									2/12/2019	2/15/2019	2/15/2019	2/12/2019	2/15/2019	2/15/2019	2/13/2019	2/18/2019	2/18/2019	2/13/2019	2/18/2019	2/18/2019	2/13/2019	2/18/2019	2/18/2019	2/18/2019	2/19/2019	2/19/2019	2/19/2019	2/19/2019	2/19/2019	2/15/2019	2/15/2019	2/15/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/19/2019	2/19/2019	
Total Metals by USEPA Method 6010 in mg/kg																																							
Aluminum, Total	NS		NS		NS		NS		7,370	8430	8,430	4,870	5,810	2,480	4,220	6,210	3,280	3,440	7,050	6,620	3,130	5,120	8,920	7,380	7,680	6,820	8,330	6,490	8,010	3,570	3,760	2,910	2,960	11,600	11,200	13,500	6,420	6,520	
Antimony, Total	NS		NS		NS		NS		2.35 J	0.466 J	0.466 J	4.87	0.82 J	7.96	1.69 J	0.865 J	1.77 J	3.2 J	0.924 J	0.849 J	2.04 J	1.03 J	0.859 J	2.89 J	4.6 U	1.88 J	0.49 J	4.48 U	0.467 J	0.977 J	9.32	0.578 J	4.95 U	0.607 J	8.35 U	13.3 U	2.45 J	0.528 J	
Arsenic, Total	13		16		16		NS		6.73 J	3	3	14.3	6.1	11.8	3.9	5.46	542	5.86	3.41	3.03	6.5	3.4	3.32	8.82	2.82	3.7	3.3	1.7	2.64	5.57	6.86	8.27	5.84	8.97	2.99	2.16 J	6.6	2.97	
Barium, Total	350		400		400		NS		342	54.2	54.2	1,550	62.9	69.2	63.7	110	472	422	50.6	32.9	412	37.4	27.7	576	27.7	55.6	57.8	26.3	31.4	812	105	162	57.8	31.8	21.8	25.3	94.9	41.8	
Beryllium, Total	7.2		72		590		NS		0.933	0.372 J	0.372 J	0.252 J	0.366 J	0.106 J	0.174 J	0.346 J	0.263 J	0.151 J	0.384 J	0.391 J	0.157 J	0.322 J	0.356 J	0.423 J	0.35 J	0.408 J	0.365 J	0.34 J	0.404 J	0.271 J	0.282 J	0.263 J	0.168 J	0.579 J	0.368 J	0.533 J	0.406 J	0.319 J	
Cadmium, Total	2.5		4.3		9.3		NS		1.21	0.931 U	0.931 U	3.98	0.964 U	0.961 U	0.827 U	0.423 J	0.292 J	0.16 J	0.311 J	0.257 J	0.209 J	0.358 J	0.265 J	1.71	0.92 U	0.97 U	0.96 U	0.895 U	0.898 U	0.832 J	1.05 U	1.05 U	0.129 J	0.497 J	0.251 J	0.453 J	0.945 U	0.911 U	
Calcium, Total	NS		NS		NS		NS		38,600	2700	2,700	57,000	3,180	2,820	19,200	4,870	7,490	26,700	2,950	942	24,800	1340	783	33,000	1,070	1,510	7,240	690	755	27,600	1,820	9,170	3,790	2,490	2,530	3,480	2,550	1,990	
Chromium, Total ^F	NS		NS		NS		NS		25.7	13.4	13.4	25.9	19.9	16.1	9.72	14	110	9.3	12.3	12.3	8.72	10.2	13.2	24.5	12.5	11.1	16.2	12.8	11.3	13.2	8.63	8.54	5.96	25.4	22.6	26	9.97	17	
Cobalt, Total	NS		NS		NS		NS		8.72	6.96	6.96	5.69	7.67	8.15	3.26	5.35	3.78	4.67	5.09	5.66	3.2	4.7	4.61	5.68	5.45	4.78	7.27	5.08	5.06	6.5	12.1	4.3	3.01	8.24	8.19	9.03	5.04	7.67	
Copper, Total	50		270		270		NS		220	10.7	10.7	91.1	34.8	67.3	32.8	34.2	331	58.2	15	11.2	26	11.6	8.82	55	9.28	16	20.9	10.5	7.22	94.2	47	25.5	17.2	11.7	12.8	13.4	22.2	15	
Iron, Total	NS		NS		NS		NS		14,100	15600	15,600	16,400	14,400	21,300	7,070	13,800	7,900	19,200	11,600	10,600	7,890	13,800	12,600	26,600	11,500	11,200	14,000	10,600	11,100	7,910	7,270	27,900	12,700	22,600	11,200	18,900			
Lead, Total	63		400		1,000		NS		546	56.8	56.8	889	141	3,080	81.9	2,060	3,170	639	64.8	11.6	715	58.3	7.01	607	11	79	53.7	8.69	10.4	653	892	685	97.1	10.8	19.8	15	791	60.8	
Magnesium, Total	NS		NS		NS		NS		5,370	1980	1,980	4,300	2,590	1,650	5,350	2,390	1,480	5,450	2060	2180	4,940	1,950	2,170	3,650	2,020	1,410	3,520	2,160	1,760	3,580	727	1,400	784	5,930	5000	7890	1,350	2,740	
Manganese, Total	1,600		2,000		10,000		NS		237	317	317	237	154	165	115	230	97.1	191	186	89.7	118	166	106	246	130	138	201	109	148	166	109	73.3	75.8	318	123	250	142	558	
Mercury, Total	0.18		0.81		2.8		NS		1.95	0.461	0.461	1.87	1.3	0.991	0.808	4.97	2.16	0.39	0.381	0.077 U	0.556	0.19	0.075 U	0.381	0.074 U	0.426	0.54	0.072 U	0.073 U	1.19	0.492	0.873	0.227	0.112 U	0.133 U	0.216 U	1.58	0.073 J	
Nickel, Total	30		310		310		NS		56.2	12.4	12.4	25.8	32.3	14.6	8.39	18.1	10.1	16	15.2	16.3	14.7	13.5	11.6	28.2	13.4	10.2	26.8	17.2	11.6	24.6	31.7	10.8	6.86	19.9	17	25.3	10.8	37.9	
Potassium, Total	NS		NS		NS		NS		836	620	620	910	1,040	264	453	673	403	572	601	726	639	661	614	1,070	622	485	976	708	537	652	343	410	476	2400	2,130	2,970	520	814	
Selenium, Total	3.9		180		1,500		NS		0.827 J	0.829 J	0.829 J	1.98	1.28 J	1.26 J	0.356 J	0.903 J	1.89 J	0.969 J	1.83 U	1.91 U	0.297 J	1.79 U	1.83 U	0.461 J	1.84 U	1.94 U	1.92 U	1.79 U	1.8 U	1.81 U	1.37 J	1.17 J	0.961 J	0.938 J	0.668 J	1.04 J	0.472 J	1.82 U	
Silver, Total	2		180		1,500		NS		0.44 J	0.931 U	0.931 U	0.439 J	0.964 U	0.961 U	0.827 U	0.961 U	0.282 J	0.889 U	0.915 U	0.954 U	0.872 U	0.895 U	0.914 U	0.961 U	0.92 U	0.97 U	0.96 U	0.898 U	0.905 U	1.05 U	1.05 U	0.991 U	1.38 U	1.67 U	2.66 U	0.945 U	0.911 U		
Sodium, Total	NS		NS		NS		NS		506	76.8 J	76.8 J	415	207	54.5 J	248	205	327	320	150 J	192	227	109 J	130 J	728	219	250	151 J	84.7 J	111 J	168 J	83.4 J	222	274	3,260	3,200	3,130	320	132 J	
Thallium, Total	NS		NS		NS		NS		1.76 U	1.86 U	1.86 U	1.87 U	1.93 U	0.336 J	1.65 U	1.92 U	1.95 U	1.78 U	1.83 U	1.91 U	1.74 U	1.79 U	1.83 U	1.92 U	1.84 U	1.94 U	1.92 U	1.79 U	1.8 U	1.81 U	2.09 U	2.1 U	1.98 U	2.76 U	3.34 U	5.33 U	1.89 U	1.82 U	
Vanadium, Total	NS		NS		NS		NS		23.1	20.2	20.2	25.7	22.1	19.4	15.9	23.8	20.4	14.8	20.7	19.7	14.9	21.8	23	32.9	19.1	16	24.7	17.6	19.4	16.4	14.8	19.7	14.9	34.4	38.1	52.5	16.1	19	
Zinc, Total	109		10,000		10,000		NS		828	36	36	1,610	71.1	108	82.6	109	106	310	112	28.3	301	37.3	25	590	27.4	33.1	53.4	27.6	25.1	533	136	117	64.1	58.6	41.1	65.7	49.6	37.2	
TCLP Metals by EPA 1311 in mg/L																																							
Arsenic	NS		NS		NS		5		NA	NA	NA	0.023 J	NA	0.032 J	NA	0.021 J	0.954 J	NA	NA	NA	0.022 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA	
Barium	NS		NS		NS		100		NA	NA	NA	0.336 J	NA	0.576	NA	0.473 J	1.01	NA	NA	NA	0.521	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.27	NA	NA	NA	NA	NA	NA	
Lead	NS		NS		NS		5		2.68	NA	NA	1.15	NA	23.8	NA	5.4	22.9	0.51	NA	NA	1.65	NA	NA	0.157 J	NA	NA	NA	NA	NA	9.79	5.2	0.161 J	NA	NA	NA	NA	NA	NA	NA
Mercury	NS		NS		NS		0.2		NA	NA	NA	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA	NA	
Hexavalent/Trivalent Chromium by USEPA method 7196A in mg/kg																																							
Chromium, Hexavalent	1		110		400		NS		0.23 J	0.976 U	0.974 U	0.954 U	0.991 U	0.982 U	0.218 J	0.988 U	1 U	0.906 U	0.19 U	0.986 U	0.281 J	0.751 J	0.334 J	0.678 J	0.398 J	0.972 U	0.355 J	0.913 U	0.938 U	0.321 J	1.08 U	1.09 U	NA	NA	NA	NA	0.986 U	0.943 U	
Chromium, Trivalent	30		180		1,500		NS		25 J	22	13	26	20	16	9.5 J	14	110	9.3	12 J	12	8.4 J	9.4 J	13 J	24 J	12 J	11	24 J	13	11	13 J	8.6	8.5	NA	NA	NA	NA	1.2 U	1.1 U	
Cyanide, Total by USEPA method 9010C/90218 in mg/kg																																							
Cyanide, Total	27		27		27		NS		1.1 U	1.1 U	1.1 U	0.32 J	1.2 U	1.1 U	1 U	1.2 U	0.57 J	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	0.3 J	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	0.26 J	1.2 U	0.39 J	NA	NA	NA	NA	1.2 U	1.1 U	

Notes:

(1) New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14,

Table 4
Soil Sample Analytical Data Summary
Pesticides and PCBs
204 4th Avenue, Brooklyn, NY

Client Sample ID:	SB001			SB002			SB003			SB004			SB005			SB006			SB007			SB008			DUPE-1	DUPE-2			
Sample Depth:	NYSDEC Soil Cleanup Objectives Unrestricted Use ⁽¹⁾	NYSDEC Soil Cleanup Objectives Restricted-Residential Use ⁽²⁾	NYSDEC Soil Cleanup Objectives Commercial Use ⁽³⁾	2-4'	6-8'	13-15'	4-6'	8-10'	19-21'	0-2'	12-14'	19-21'	2-4'	12-14'	14-16'	0-2'	8-10'	12-14'	2-4'	10-12'	19-21'	6-8'	12-14'	15-17'	4-6'	13-15'	19-21'		
Laboratory ID:				L1905688-01	L1906299-05	L1906299-02	L1905688-02	L1906299-04	L1906299-06	L1906083-01	L1906393-04	L1906393-05	L1906083-02	L1906393-02	L1906393-01	L1906083-03	L1906393-08	L1906393-07	L1906393-09	L1906480-01	L1906480-02	L1906480-03	L1906480-04	L1906480-05	L1906299-07	L1906299-03	L1906299-01	L1906480-07	L1906480-08
Sampling Date:				2/12/2019	2/15/2019	2/15/2019	2/12/2019	2/15/2019	2/15/2019	2/13/2019	2/18/2019	2/18/2019	2/13/2019	2/18/2019	2/18/2019	2/13/2019	2/18/2019	2/18/2019	2/18/2019	2/19/2019	2/19/2019	2/19/2019	2/19/2019	2/19/2019	2/15/2019	2/15/2019	2/15/2019	2/19/2019	2/19/2019
Organochlorine Pesticides by USEPA Method 8081 in mg/kg																													
4,4'-DDD	0.0033	13	92	0.0343	0.00191 U	0.00186 U	0.00803 IP	0.00193 U	0.00191 U	0.00683 P	0.0968 U	0.00194 U	0.00164 JIP	0.00188 U	0.00186 U	0.0679	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00326	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
4,4'-DDE	0.0033	9	62	0.0254	0.00191 U	0.00186 U	0.147	0.00193 U	0.00191 U	0.00345	0.0968 U	0.00194 U	0.0086	0.00188 U	0.00186 U	0.236	0.00179 U	0.00184 U	0.0057	0.00184 U	0.0192 U	0.0012 JIP	0.00172 U	0.0181 U	0.115	0.00207 U	0.0211 P	0.0387 U	0.0188 U
4,4'-DDT	0.0033	8	47	0.0571	0.00358 U	0.00348 U	0.711	0.00362 U	0.00358 U	0.00655 P	0.181 U	0.00364 U	0.00758 IP	0.00352 U	0.00348 U	0.204	0.00335 U	0.00346 U	0.0119	0.00345 U	0.036 U	0.00248 JIP	0.00322 U	0.034 U	0.365	0.00388 U	0.004 U	0.0726 U	0.0352 U
Aldrin	0.005	0.097	0.68	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00181	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00192 U	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Alpha-BHC	0.02	0.48	3.4	0.000736 U	0.000796 U	0.000774 U	0.000787 U	0.000805 U	0.000795 U	0.000684 U	0.0403 U	0.000809 U	0.000722 U	0.000783 U	0.000774 U	0.00073 U	0.000744 U	0.000768 U	0.00081 U	0.000767 U	0.008 U	0.0008 U	0.000716 U	0.00756 U	0.000734 U	0.000862 U	0.000888 U	0.0161 U	0.00783 U
Beta-BHC	0.036	0.36	3	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00164 U	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00192 U	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Chlordane	NS	NS	NS	0.0143 U	0.0155 U	0.0151 U	0.0154 U	0.0157 U	0.0155 U	0.0133 U	0.786 U	0.0158 U	0.0141 U	0.0153 U	0.0151 U	0.0142 U	0.0145 U	0.015 U	0.0158 U	0.015 U	0.156 U	0.0156 U	0.014 U	0.147 U	0.0143 U	0.0168 U	0.0173 U	0.314 U	0.153 U
cis-Chlordane	0.094	4	24	0.00829	0.00239 U	0.00232 U	0.0293	0.00241 U	0.00238 U	0.0122	0.121 U	0.00243 U	0.00395	0.00235 U	0.00232 U	0.00463	0.00223 U	0.0023 U	0.00691	0.0023 U	0.024 U	0.0024	0.00215 U	0.0227 U	0.0454 IP	0.00259 U	0.00266 U	0.0484 U	0.0235 U
Delta-BHC	0.04	100	500	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00164 U	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00192 U	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Dieldrin	0.005	0.2	1.4	0.0011 U	0.00119 U	0.00116 U	0.0137	0.00121 U	0.00119 U	0.1	0.0605 U	0.00121 U	0.00108 U	0.00117 U	0.00116 U	0.0011 U	0.00112 U	0.00115 U	0.00121 U	0.00115 U	0.012 U	0.0012 U	0.00107 U	0.0113 U	0.00966 IP	0.00129 U	0.00133 U	0.0242 U	0.0117 U
Endosulfan I	2.4	24	200	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00164 U	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00192 U	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Endosulfan II	2.4	24	200	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00164 U	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00122 JIP	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Endosulfan sulfate	2.4	24	200	0.000736 U	0.000796 U	0.000774 U	0.000787 U	0.000805 U	0.000795 U	0.000684 U	0.0403 U	0.000809 U	0.000722 U	0.000783 U	0.000774 U	0.00073 U	0.000744 U	0.000768 U	0.00081 U	0.000767 U	0.008 U	0.0008 U	0.000716 U	0.00756 U	0.000734 U	0.000862 U	0.000888 U	0.0161 U	0.00783 U
Endrin	0.014	11	89	0.000736 U	0.000796 U	0.000774 U	0.000787 U	0.000805 U	0.000795 U	0.00109 P	0.0403 U	0.000809 U	0.00463 IP	0.000783 U	0.000774 U	0.00073 U	0.000744 U	0.000768 U	0.00081 U	0.000767 U	0.008 U	0.0008 U	0.000716 U	0.00756 U	0.000734 U	0.000862 U	0.000888 U	0.0161 U	0.00783 U
Endrin aldehyde	NS	NS	NS	0.00221 U	0.00239 U	0.00232 U	0.00236 U	0.00241 U	0.00238 U	0.00205 U	0.121 U	0.00243 U	0.00217 U	0.00235 U	0.00232 U	0.00219 U	0.00223 U	0.0023 U	0.00243 U	0.0023 U	0.024 U	0.0024 U	0.00215 U	0.0227 U	0.0022 U	0.00259 U	0.00266 U	0.0484 U	0.0235 U
Endrin ketone	NS	NS	NS	0.00177 U	0.00191 U	0.00186 U	0.00189 U	0.00193 U	0.00191 U	0.00164 U	0.0968 U	0.00194 U	0.00173 U	0.00188 U	0.00186 U	0.00175 U	0.00179 U	0.00184 U	0.00194 U	0.00184 U	0.0192 U	0.00192 U	0.00172 U	0.0181 U	0.00176 U	0.00207 U	0.00213 U	0.0387 U	0.0188 U
Heptachlor	0.042	2.1	15	0.000883 U	0.000955 U	0.000929 U	0.000879 JP	0.000966 U	0.000954 U	0.000821 U	0.0484 U	0.000971 U	0.000867 U	0.000939 U	0.000928 U	0.000877 U	0.000893 U	0.000922 U	0.000972 U	0.00092 U	0.0096 U	0.00096 U	0.000859 U	0.00907 U	0.000881 U	0.00103 U	0.00106 U	0.0194 U	0.0094 U
Heptachlor epoxide	NS	NS	NS	0.00331 U	0.00358 U	0.00348 U	0.00121 JIP	0.00362 U	0.00358 U	0.00308 U	0.181 U	0.00364 U	0.00325 U	0.00352 U	0.00348 U	0.00329 U	0.00335 U	0.00346 U	0.00364 U	0.00345 U	0.036 U	0.0036 U	0.00322 U	0.034 U	0.00572 P	0.00388 U	0.004 U	0.0726 U	0.0352 U
Lindane	0.1	1.3	9.2	0.000736 U	0.000796 U	0.000774 U	0.000787 U	0.000805 U	0.000795 U	0.000684 U	0.0403 U	0.000809 U	0.000722 U	0.000783 U	0.000774 U	0.00073 U	0.000744 U	0.000768 U	0.00081 U	0.000767 U	0.008 U	0.0008 U	0.000716 U	0.00756 U	0.000734 U	0.000862 U	0.000888 U	0.0161 U	0.00783 U
Methoxychlor	NS	NS	NS	0.00331 U	0.00358 U	0.00348 U	0.00354 U	0.00362 U	0.00358 U	0.00308 U	0.181 U	0.00364 U	0.00325 U	0.00352 U	0.00348 U	0.00329 U	0.00335 U	0.00346 U	0.00364 U	0.00345 U	0.036 U	0.0036 U	0.00322 U	0.034 U	0.0033 U	0.00388 U	0.004 U	0.0726 U	0.0352 U
Toxaphene	NS	NS	NS	0.0331 U	0.0358 U	0.0348 U	0.0354 U	0.0362 U	0.0358 U	0.0308 U	1.81 U	0.0364 U	0.0325 U	0.0352 U	0.0348 U	0.0329 U	0.0335 U	0.0346 U	0.0364 U	0.0345 U	0.36 U	0.036 U	0.0322 U	0.34 U	0.033 U	0.0388 U	0.04 U	0.726 U	0.352 U
trans-Chlordane	NS	NS	NS	0.0075	0.00239 U	0.00232 U	0.0289	0.00241 U	0.00238 U	0.0154	0.121 U	0.00243 U	0.00361 IP	0.00235 U	0.00232 U	0.00878 P	0.00223 U	0.0023 U	0.00243 U	0.0023 U	0.024 U	0.00203 JIP	0.00215 U	0.0227 U	0.0552	0.00259 U	0.00266 U	0.0484 U	0.0235 U
Polychlorinated Biphenyls by USEPA Method 8082 in mg/kg																													
Aroclor 1016	0.1	1	1	0.0368 U	0.0398 U	0.0387 U	0.0394 U	0.0394 U	0.04 U	0.0355 U	0.0396 U	0.0401 U	0.0369 U	0.0389 U	0.0386 U	0.0354 U	0.0376 U	0.0384 U	0.0395 U	0.0378 U	0.0393 U	0.0406 U	0.0376 U	0.0376 U	0.0364 U	0.0424 U	0.0452 U	0.0399 U	0.0378 U
Aroclor 1221	0.1	1	1	0.0368 U	0.0398 U	0.0387 U	0.0394 U	0.0394 U	0.04 U	0.0355 U	0.0396 U	0.0401 U	0.0369 U	0.0389 U	0.0386 U	0.0354 U	0.0376 U	0.0384 U	0.0395 U	0.0378 U	0.0393 U	0.0406 U	0.0376 U	0.0376 U	0.0364 U	0.0424 U	0.0452 U	0.0399 U	0.0378 U
Aroclor 1232	0.1	1	1	0.036																									

Table 5
Groundwater Analytical Data Summary
Volatile Organic Compounds
204 4th Avenue, Brooklyn, NY

Client Sample ID: Screened Interval: Laboratory ID: Sampling Date:	NYSDEC Groundwater Quality Standards (1)	MW-2 12-22' L1906083-07 2/14/2019	MW-3 12-22' L1906083-06 2/14/2019	MW-7 12-22' L1906083-05 2/14/2019	MW-8 12-22' L1906083-04 2/14/2010	SB004-GW 13-15' L1906393-03 2/18/2019	SB005-GW 13-15' L1906393-08 2/18/2019	SB007-GW 13-15' L1906480-06 2/19/2019	SB008-GW 13-15' L1906299-09 2/15/2018	DUPE-2/14/19 12-22' L1906083-08 2/14/2019
Volatile Organic Compounds by USEPA Method 8260 in µg/L										
1,1,1,2-Tetrachloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	0.6 J	1.6 J	61	2 U	0.7 J	2 U	0.54 J	1.5 J	2 U
1,2,4-Trichlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	0.79 J	2.5 U	0.8 J	2.5 U	0.79 J	2.5 U	2.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene, Total	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene, Total	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	NS	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	2.8 J	5 U	5 U	2.5 J	4.7 J	2.9 J	4.3 J	5 U
Acrylonitrile	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	0.5 U	0.5 U	9.6	0.5 U	0.59	0.2 J	0.5 U	0.5 U	0.5 U
Bromobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	60	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethyl ether	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	0.84 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	39	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether	10	5.7	21	9.7	2.5 U	2.5 U	2.5 U	2.5 U	4.7	2.5 U
Methylene chloride	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5	2.5 U	2.5 U	51	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.7	2.5 U
o-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Diethylbenzene	NS	2 U	2 U	8.8	2 U	2 U	2 U	2 U	2 U	2 U
p-Ethyltoluene	NS	2 U	2 U	2 U	2 U	0.73 J	2 U	2 U	2 U	2 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p/m-Xylene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.87 J	2.5 U	2.5 U
sec-Butylbenzene	5	2.5 U	2.5 U	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	2.5 U	2.5 U	2.5 U	2.5 U	0.75 J	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.87 J	2.5 U	2.5 U

Notes:

(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

* DUPE 2/14/2019 is a blind duplicate of MW-8

NS - No Standard

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

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The associated numerical value is the sample quantitation limit.

Highlighted values indicate exceedance of the NYSDEC AWQS

Table 6
Groundwater Analytical Data Summary
Semi-Volatile Organic Compounds
204 4th Avenue, Brooklyn, NY

Client Sample ID: Screened Interval: Laboratory ID: Sampling Date:	NYSDEC Groundwater Quality Standards ⁽¹⁾	MW-2 12-22' L1906083-07 2/14/2019	MW-3 12-22' L1906083-06 2/14/2019	MW-7 12-22' L1906083-05 2/14/2019	MW-8 12-22' L1906083-04 2/14/2019	SB004-GW 13-15' L1906393-03 2/18/2019	SB005-GW 13-15' L1906393-08 2/18/2019	SB007-GW 13-15' L1906480-06 2/19/2019	SB008-GW 13-15' L1906299-09 2/15/2018	DUPE-2/14/19 12-22' L1906083-08 2/14/2019
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L										
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
1,2-Dichlorobenzene	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
1,3-Dichlorobenzene	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
1,4-Dichlorobenzene	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
2,4,5-Trichlorophenol	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2,4,6-Trichlorophenol	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2,4-Dichlorophenol	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2,4-Dimethylphenol	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U
2,4-Dinitrotoluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2,6-Dinitrotoluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2-Chlorophenol	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
2-Methylphenol	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2-Nitroaniline	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
3,3'-Dichlorobenzidine	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
3-Methylphenol/4-Methylphenol	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
3-Nitroaniline	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
4,6-Dinitro-o-cresol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
4-Bromophenyl phenyl ether	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
4-Chloroaniline	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
4-Chlorophenyl phenyl ether	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
4-Nitroaniline	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
4-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Acetophenone	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Benzoic Acid	NS	50 U	50 U	50 U	50 U	50 U	12 J	50 U	10 J	250 U
Benzyl Alcohol	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Biphenyl	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Bis(2-chloroethoxy)methane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Bis(2-chloroethyl)ether	1	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Bis(2-chloroisopropyl)ether	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Bis(2-ethylhexyl)phthalate	5	3 U	3 U	3 U	2.2 J	3 U	3 U	3 U	2.8 J	14 J
Butyl benzyl phthalate	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Carbazole	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.75 J	10 U
Di-n-butylphthalate	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Di-n-octylphthalate	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Dibenzofuran	NS	2 U	2 U	1.3 J	2 U	2 U	2 U	2 U	0.54 J	10 U
Diethyl phthalate	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Dimethyl phthalate	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
Hexachlorocyclopentadiene	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U
Isophorone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
n-Nitrosodi-n-propylamine	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
NDPA/DPA	50	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Nitrobenzene	0.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
p-Chloro-m-cresol	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U
Phenol	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U
2-Chloronaphthalene	10	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylnaphthalene	NS	0.04 J	0.03 J	0.03 J	0.1 U	0.03 J	0.05 J	0.08 J	0.37	0.04 J
Acenaphthene	20	3.3	5.4	64	0.1 U	0.03 J	0.04 J	0.04 J	2	0.03 J
Acenaphthylene	NS	0.07 J	0.06 J	0.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.04 J
Anthracene	50	0.09 J	0.45	0.47	0.03 J	0.1 U	0.03 J	0.03 J	0.61	0.15
Benzo(a)anthracene	0.002	0.2	0.1 J	0.58	0.06 J	0.1 U	0.1 U	0.06 J	1.2	0.67
Benzo(a)pyrene	0	0.16	0.06 J	0.82	0.04 J	0.02 J	0.02 J	0.06 J	1	0.86
Benzo(b)fluoranthene	0.002	0.24	0.08 J	1.1	0.09 J	0.02 J	0.02 J	0.08 J	0.93	1.7
Benzo(ghi)perylene	NS	0.13	0.04 J	0.85	0.09 J	0.02 J	0.1 U	0.03 J	0.68	1.5
Benzo(k)fluoranthene	0.002	0.07 J	0.03 J	0.42	0.03 J	0.02 J	0.02 J	0.03 J	0.89	0.47
Chrysene	0.002	0.18	0.08 J	0.68	0.02 J	0.02 J	0.1 U	0.06 J	1.4	0.8
Dibenzo(a,h)anthracene	NS	0.05 J	0.01 J	0.22	0.02 J	0.1 U	0.1 U	0.1 U	0.21	0.28
Fluoranthene	50	0.34	0.45	0.7	0.1	0.05 J	0.07 J	0.12	2.9	1.7
Fluorene	50	0.29	2.7	6	0.1 U	0.01 J	0.03 J	0.04 J	1	0.04 J
Hexachlorobenzene	0.04	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.06 J	0.5 U
Hexachloroethane	5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-cd)pyrene	0.002	0.12	0.04 J	0.78	0.06 J	0.02 J	0.1 U	0.04 J	0.6	1
Naphthalene	10	0.1 U	0.05 J	0.43	0.1 U	0.1 U	0.06 J	0.13	0.62	0.06 J
Pentachlorophenol	1	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	0.14	2.3	1.4	0.1 U	0.05 J	0.13	0.17	3.5	0.18
Pyrene	50	0.29	0.34	0.82	0.1	0.05 J	0.07 J	0.11	2.5	1.7

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998 - Standard
* DUPE 2/14/2019 is a blind duplicate of MW-8
NS - No Standard
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS or GV

Table 7
Groundwater Analytical Data Summary
Metals (Total and Dissolved)
204 4th Avenue, Brooklyn, NY

Client Sample ID:	NYSDEC Groundwater Quality Standards ⁽¹⁾	MW-2 12-22'		MW-3 12-22'		MW-7 12-22'		MW-8 12-22'		SB004-GW 13-15'		SB005-GW 13-15'		SB007-GW 13-15'		SB008-GW 13-15'		DUPE-2/14/19 12-22'																			
Screened Interval:		L1906083-07		L1906083-07		L1906083-07		L1906083-07		L1906393-03		L1906393-08		L1906480-06		L1906299-09		L1906083-08																			
Laboratory ID:		2/14/2019		2/14/2019		2/14/2019		2/14/2019		2/18/2019		2/18/2019		2/19/2019		2/15/2019		2/14/2019																			
Sampling Date:		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved																	
Sample Type:		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved		Total		Dissolved																	
Total Metals by USEPA Method 6010 in µg/L																																					
Aluminum	NS	3,230	195	34	10	U	240	10	U	71	6.55	J	1,320	30.3	25,300	25.8	83,800	52.8	1,660	14.9	463	5.6	J														
Antimony	3	2.26	J	2.42	J	1.07	J	4	U	2.25	J	1.09	J	1.96	J	1.37	J	2.36	J	3.01	J	1.29	J	1.43	J	0.53	J	1.13	J	1.61	J	2.2	J	2.45	J	1.53	J
Arsenic	25	13.13	5.36	0.71	0.61	50.21	33.61	1.13	0.54	39.23	4.51	35.85	4.64	59.36	12.63	10.14	4.07	2.5	0.49	J																	
Barium	1,000	361.3	266.8	489.7	389.2	721.5	616	32.5	38.82	487.8	290.1	1,442	163	1,451	232.7	466.9	197.6	36.7	29.26																		
Beryllium	3	0.38	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.33	0.5	U	6.84	0.5	U	0.14	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U				
Cadmium	5	0.11	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1.05	0.2	U	2.04	0.2	U	0.31	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U					
Calcium	NS	143,000	123,000	261,000	249,000	458,000	448,000	106,000	94,300	201,000	198,000	139,000	110,000	180,000	154,000	210,000	199,000	107,000	99,800																		
Chromium	50	6.18	0.58	J	0.52	J	0.2	J	1.93	0.69	J	1.94	0.46	J	3.6	1	U	63.26	0.2	J	166.7	0.28	J	6.91	0.19	J	3.71	1	U								
Cobalt	NS	3.26	1.09	0.45	J	0.45	J	2.49	1	0.19	J	0.24	J	3.31	2.25	24.07	1.93	91.18	1.97	5.77	4.21	0.5	0.18	J													
Copper	200	20.71	1.72	0.75	J	0.46	J	14.63	1	U	4.63	1.54	4.77	1	U	85.3	0.51	J	443.3	0.42	J	28.47	0.4	J	13.09	0.64	J										
Iron	300	6,010	290	4,110	1,250	3,430	255	726	50	J	33,300	1,900	50,300	65	180,000	11,400	9,290	119	1,770	45	J																
Lead	25	245.9	14.55	2.91	1	U	94.69	0.51	J	1.65	1	U	50.18	1	U	1,258	1.07	1,973	2.09	351.2	1.4	12.37	1	U													
Magnesium	35,000	42,200	39,700	61,100	59,400	86,400	88,300	13,600	12,000	60,600	59,700	32,300	23,200	80,800	47,000	31,500	31,100	15,200	13,400																		
Manganese	300	845.1	677.6	900.8	907.4	793	793.8	7.54	14.34	1,061	967.9	2,071	1,130	3,455	1,238	1,157	1,118	16.91	8.36																		
Mercury	0.7	0.2	U	0.2	U	0.86	0.2	U	0.2	U	0.33	0.2	U	0.2	U	0.64	0.77	0.2	U	0.66	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U					
Nickel	100	9.36	2.92	2	U	0.58	J	7.02	3.05	2.45	3.44	5.19	2.33	69.91	3.24	502.7	3.85	8.92	2.75	3.1	2.04																
Potassium	NS	29,100	25,800	33,000	30,800	37,700	37,000	10,500	9,130	28,200	28,300	19,200	16,400	34,600	25,700	12,900	13,200	12,100	10,200																		
Selenium	10	5	U	5	U	5	U	5	U	5	U	5	U	10	5	U	10.8	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U				
Silver	50	0.21	J	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.38	J	0.4	U	3.95	0.4	U	0.2	J	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U					
Sodium	20,000	365,000	353,000	289,000	275,000	250,000	256,000	150,000	171,000	412,000	415,000	373,000	382,000	447,000	478,000	39,100	41,500	144,000	141,000																		
Thallium	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.17	J	0.16	J	0.51	0.5	U	1.09	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U				
Vanadium	NS	19.79	9.52	5	U	5	U	4.28	J	2.88	J	5	U	5	U	95.43	5	U	243	5	U	8.75	5	U	2.3	J	5	U									
Zinc	2,000	53.96	5.22	J	6.14	J	10	U	175.4	22.16	18.73	25.48	7.73	J	404.8	4.82	J	926.1	10	U	168.4	16.19	62.92	10	U												
Hexavalent Chromium by USEPA method 7196A in mg/kg																																					
Chromium, Hexavalent	50	4	J	NS	6	J	NS	10	U	NS	10	U	NS	10	U	NS	10	U	NS	3	J	NS															
Chromium, Trivalent	NS	10	U	NS	10	U	NS	10	U	NS	10	U	NS	63	NS	167	NS	10	U	NS	10	U	NS														
Cyanide, Total by USEPA method 9010C/9021B in mg/kg																																					
Cyanide, Total	200	3	J	NS	27	NS	57	NS	3	J	NS	6	NS	2	J	NS	5	U	NS	9	NS	3	J	NS													

Notes:

(1) 6NYCRR Part 703.5 GA Groundwater Quality Standards (GQS) and Guidance Values (GV) 6/1998

* DUPE 2/14/2019 is a blind duplicate of MW-8

NS - No Standard

NA - Not Analysed

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

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

Highlighted values indicate exceedance of the NYSDEC GQS or GV.

Table 8
Groundwater Analytical Data Summary
Pesticides and PCBs

204 4th Avenue, Brooklyn, NY

Client Sample ID: Screened Interval: Laboratory ID: Sampling Date:	NYSDEC Groundwater Quality Standards ⁽¹⁾	MW-2 12-22' L1906083-07 2/14/2019	MW-3 12-22' L1906083-06 2/14/2019	MW-7 12-22' L1906083-05 2/14/2019	MW-8 12-22' L1906083-04 2/14/2010	SB004-GW 13-15' L1906393-03 2/18/2019	SB005-GW 13-15' L1906393-08 2/18/2019	SB007-GW 13-15' L1906480-06 2/19/2019	SB008-GW 13-15' L1906299-09 2/15/2018	DUPE-2/14/19 12-22' L1906083-08 2/14/2019
Organochlorine Pesticides by USEPA Method 8081 in µg/L										
4,4'-DDD	0.3	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
4,4'-DDE	0.2	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.003 J	0.029 U	0.008 J	0.029 U
4,4'-DDT	0.2	0.029 U	0.571 U	0.286 U	0.005 JP	0.029 U	0.004 J	0.029 U	0.029	0.005 JP
Aldrin	0	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha-BHC	0.01	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta-BHC	0.04	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Chlordane	0.05	0.143 U	2.86 U	1.43 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
cis-Chlordane	NS	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Delta-BHC	0.04	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endosulfan I	NS	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Endosulfan II	NS	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endosulfan sulfate	NS	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin aldehyde	5	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin ketone	5	0.029 U	0.571 U	0.286 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Heptachlor	0.04	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor epoxide	0.03	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Lindane	0.05	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Methoxychlor	35	0.143 U	2.86 U	1.43 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
Toxaphene	0.06	0.143 U	2.86 U	1.43 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	NS	0.014 U	0.286 U	0.143 U	0.014 U	0.014 U	0.014 U	0.014 U	0.01 JIP	0.014 U
Polychlorinated Biphenyls by USEPA Method 8082 in µg/L										
Aroclor 1016	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1221	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1232	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1242	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1248	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1254	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1260	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.172	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1262	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
Aroclor 1268	0.09	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U	0.082 U
PCBs, Total	NS	0.082 U	0.082 U	0.082 U	0.082 U	0.172	0.082 U	0.082 U	0.082 U	0.082 U
Herbicides by USEPA Method 8151A in µg/L										
Silvex (2,4,5-TP)	0.26	2 U	2 U	2 U	NA	2.22 U	2 U	2 U	2 U	NA U

(1) 6NYCRR Part 703.5 GA Groundwater Quality Standards (GQS) and Guidance Values (GV) 6/1998

* DUPE 2/14/2019 is a blind duplicate of MW-8

NS - No Standard

NA - Not Analysed

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

numerical value is the approximate concentration of the analyte in the sample.

Highlighted values indicate exceedance of the NYSDEC GQS or GV.

Table 9
Soil Vapor Sample Analytical Data Summary
Volatile Organic Compounds

204 4th Avenue, Brooklyn, NY

Client Sample ID: Sample Depth (bgs): Laboratory ID: Sampling Date: Volatile Organic Compounds by USEPA Method TO-15 in µg/m³	NYSDOH Sub-Slab Matrix Values ⁽¹⁾	USEPA VISL ⁽²⁾	SV001 10' L10907143-01 2/22/2019	SV002 10' L10907143-02 2/22/2019	SV003 10' L10907143-03 2/22/2019	SV004 10' L10907143-04 2/22/2019	SV005 10' L10907143-05 2/22/2019	SV006 10' L10907143-06 2/22/2019	OA001 Above Ground L1907143-07 2/22/2019
1,1,1-Trichloroethane	100	170,000	1.09 U	5.46 U	58.9 U	3.58 U	1.09 U	1,950 U	1.09 U
1,1,2,2-Tetrachloroethane	NS	1.6	1.37 U	6.87 U	74.2 U	4.5 U	1.37 U	2,450 U	1.37 U
1,1,2-Trichloroethane	NS	5.8	1.09 U	5.46 U	58.9 U	3.58 U	1.09 U	1,950 U	1.09 U
1,1-Dichloroethane	NS	58	0.809 U	4.05 U	43.7 U	2.66 U	0.809 U	1,440 U	0.809 U
1,1-Dichloroethene	6	7,000	0.793 U	3.96 U	42.8 U	2.6 U	0.793 U	1,420 U	0.793 U
1,2,4-Trichlorobenzene	NS	70	1.48 U	7.42 U	80.2 U	4.87 U	1.48 U	2,650 U	1.48 U
1,2,4-Trimethylbenzene	NS	2,100	2.21	4.92 U	53.1 U	3.22 U	1.21	1,760 U	0.983 U
1,2-Dibromoethane	NS	0.16	1.54 U	7.69 U	83 U	5.04 U	1.54 U	2,740 U	1.54 U
1,2-Dichlorobenzene	NS	7,000	1.2 U	6.01 U	64.9 U	3.94 U	1.2 U	2,150 U	1.2 U
1,2-Dichloroethane	NS	3.6	0.809 U	4.05 U	43.7 U	2.66 U	0.809 U	1,440 U	0.809 U
1,2-Dichloropropane	NS	25	0.924 U	4.62 U	49.9 U	3.03 U	0.924 U	1,650 U	0.924 U
1,3,5-Trimethylbenzene	NS	2,100	0.983 U	4.92 U	53.1 U	3.22 U	0.983 U	1,760 U	0.983 U
1,3-Butadiene	NS	3.1	0.442 U	2.21 U	23.9 U	1.45 U	0.467	790 U	0.442 U
1,3-Dichlorobenzene	NS	NS	1.2 U	6.01 U	64.9 U	3.94 U	1.2 U	2,150 U	1.2 U
1,4-Dichlorobenzene	NS	8.5	1.2 U	6.01 U	64.9 U	3.94 U	1.2 U	2,150 U	1.2 U
1,4-Dioxane	NS	19	0.721 U	3.6 U	38.9 U	2.36 U	0.721 U	1,290 U	0.721 U
2,2,4-Trimethylpentane	NS	NS	2.62	2,010	12,100	1,010	12.4	509,000	0.934 U
2-Butanone	NS	170,000	2.21	7.4 U	79.3 U	4.84 U	2.51	2,630 U	1.47 U
2-Hexanone	NS	1,000	0.82 U	4.1 U	44.3 U	2.69 U	0.82 U	1,460 U	0.82 U
3-Chloropropene	NS	16	0.626 U	3.13 U	33.8 U	2.05 U	0.626 U	1,120 U	0.626 U
4-Ethyltoluene	NS	NS	0.983 U	4.92 U	53.1 U	3.22 U	0.983 U	1,760 U	0.983 U
4-Methyl-2-pentanone	NS	100,000	2.05 U	10.3 U	110 U	6.72 U	2.05 U	3,660 U	2.05 U
Acetone	NS	1,100,000	24.5	22.5	128 U	57	25.2	4,250 U	4.37
Benzene	NS	12	10.6	21.3	34.5 U	11.9	3.99	1,140 U	0.649
Benzyl chloride	NS	1.9	1.04 U	5.18 U	55.9 U	3.4 U	1.04 U	1,850 U	1.04 U
Bromodichloromethane	NS	2.5	1.34 U	6.7 U	72.4 U	4.39 U	1.34 U	2,390 U	1.34 U
Bromoform	NS	85	2.07 U	10.3 U	112 U	6.78 U	2.07 U	3,690 U	2.07 U
Bromomethane	NS	170	0.777 U	3.88 U	41.9 U	2.55 U	0.777 U	1,390 U	0.777 U
Carbon disulfide	NS	24,000	0.766	3.11 U	33.6 U	2.22	0.807	1,110 U	0.623 U
Carbon tetrachloride	6	16	1.26 U	6.29 U	67.9 U	4.13 U	1.26 U	2,250 U	1.26 U
Chlorobenzene	NS	1,700	0.921 U	4.61 U	49.7 U	3.02 U	0.921 U	1,640 U	0.921 U
Chloroethane	NS	350,000	0.528 U	2.64 U	28.5 U	1.73 U	0.528 U	942 U	0.528 U
Chloroform	NS	4.1	1.39	10.5	52.7 U	3.2 U	0.977 U	1,740 U	0.977 U
Chloromethane	NS	3,100	0.413 U	2.07 U	22.3 U	1.35 U	0.413 U	737 U	0.987
cis-1,2-Dichloroethene	6	NS	0.793 U	3.96 U	42.8 U	2.6 U	0.793 U	1,420 U	0.793 U
cis-1,3-Dichloropropene	NS	23	0.908 U	4.54 U	49 U	2.98 U	0.908 U	1,620 U	0.908 U
Cyclohexane	NS	210,000	1.1	84.3	375	47.2	1.68	1,230 U	0.688 U
Dibromochloromethane	NS	NS	1.7 U	8.52 U	92 U	5.59 U	1.7 U	3,040 U	1.7 U
Dichlorodifluoromethane	NS	3,500	1.86	4.94 U	53.4 U	3.24 U	2.11	1,770 U	2
Ethanol	NS	NS	26	47.3 U	507 U	30.9 U	41.1	16,800 U	9.42 U
Ethyl Acetate	NS	2,400	1.8 U	9.05 U	96.9 U	5.91 U	1.8 U	3,220 U	1.8 U
Ethylbenzene	NS	37	1.29	4.34 U	46.9 U	2.85 U	1.14	1,550 U	0.869 U
Freon-113	NS	170,000	1.53 U	7.66 U	82.8 U	5.03 U	1.53 U	2,740 U	1.53 U
Freon-114	NS	NS	1.4 U	6.99 U	75.5 U	4.59 U	1.4 U	2,500 U	1.4 U
Heptane	NS	NS	2.47	185	44.3 U	41.4	2.8	1,460 U	0.82 U
Hexachlorobutadiene	NS	4.3	2.13 U	10.7 U	115 U	7 U	2.13 U	3,810 U	2.13 U
Isopropanol	NS	7,000	197	127	165	150	79.4	2,200 U	6.46
Methyl tert butyl ether	NS	360	0.721 U	3.61 U	38.9 U	2.37 U	0.721 U	1,290 U	0.721 U
Methylene chloride	100	3,400	1.74 U	8.72 U	93.5 U	5.7 U	1.74 U	3,100 U	1.74 U
n-Hexane	NS	24,000	3.7	529	214	223	7.68	1,260 U	0.705 U
o-Xylene	NS	3,500	1.51	4.34 U	46.9 U	2.85 U	1.33	1,550 U	0.869 U
p/m-Xylene	NS	3,500	4.21	8.73 U	93.8 U	5.69 U	3.71	3,100 U	1.74 U
Styrene	NS	35,000	0.852 U	4.26 U	46 U	2.79 U	0.852 U	1,520 U	0.852 U
Tertiary butyl Alcohol	NS	NS	19.2	11.3	81.5 U	4.97 U	6.12	2,710 U	1.52 U
Tetrachloroethene	100	360	1.36 U	6.78 U	73.2 U	4.45 U	1.36 U	2,420 U	1.36 U
Tetrahydrofuran	NS	70,000	1.47 U	7.4 U	79.3 U	4.84 U	1.47 U	2,630 U	1.47 U
Toluene	NS	170,000	9.87	27.1	40.7 U	12.7	9.99	1,350 U	1.3
trans-1,2-Dichloroethene	NS	NS	0.793 U	3.96 U	42.8 U	2.6 U	0.793 U	1,420 U	0.793 U
trans-1,3-Dichloropropene	NS	23	0.908 U	4.54 U	49 U	2.98 U	0.908 U	1,620 U	0.908 U
Trichloroethene	6	16	1.07 U	5.37 U	58 U	3.53 U	1.07 U	1,920 U	1.07 U
Trichlorofluoromethane	NS	NS	1.12 U	5.62 U	60.7 U	3.69 U	7.19	2,010 U	1.12 U
Vinyl bromide	NS	2.9	0.874 U	4.37 U	47.2 U	2.87 U	0.874 U	1,560 U	0.874 U
Vinyl chloride	6	5.6	0.511 U	2.56 U	27.6 U	1.68 U	0.511 U	913 U	0.511 U

Notes:

(1) New York DOH Matrix A,B,C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

(2) EPA VISL Default Residential Target Sub-Slab & Exterior Soil Gas Concentrations Criteria per VISL Calculator, Version 3.5, Updated October 2017 (June 2017 RSLs).

bgs- below ground surface

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

Highlighted values indicate detectable concentration of compound

Highlited values indicae detecatable conontration in exceedance of EPA VISL

204 4TH AVENUE
(BLOCK 434, LOT 35)
BROOKLYN, NEW YORK 11217
NYSDEC SITE: TBD

BROWNFIELD CLEANUP PROGRAM APPLICATION SUPPLEMENTAL INFORMATION

SUBMITTED TO:



New York State Department of Environmental Conservation
Site Control Section
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7020

PREPARED FOR:

204 4th Avenue LLC
51 East 12th Street, 7th Floor
New York, New York 10003

Speedway LLC
500 Speedway Drive
Enon, Ohio 45323

PREPARED BY:



P.W. Grosser Consulting, Inc.
630 Johnson Avenue, Suite 7
Bohemia, New York 11716
Phone: 631-589-6353
Fax: 631-589-8705

Andrew Lockwood, PG, Senior Vice President
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AndrewL@pwgrosner.com
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PWGC Project Number: AHI1906

APRIL 2019



**BROWNFIELD CLEANUP PROGRAM APPLICATION
SUPPLEMENTAL INFORMATION
204 4TH AVENUE, BROOKLYN, NEW YORK 11217
BLOCK 434, LOT 35**

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**BROWNFIELD CLEANUP PROGRAM APPLICATION
SUPPLEMENTAL INFORMATION
204 4TH AVENUE, BROOKLYN, NEW YORK 11712
BLOCK 434, LOT 35**

FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Tax Map
Figure 4	Zoning and Land Use Map
Figure 5	March 2019 Phase ESA Sampling Locations
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Figure 7	March 2019 Phase ESA Groundwater Sampling Locations with Results
Figure 8	March 2019 Phase ESA Soil Vapor Sampling Locations with Results

APPENDICES

Appendix A	Corporation & Business Entity Information
Appendix B	Delegation of Signature Authority
Appendix C	Phase I Environmental Site Assessment
Appendix D	Phase II Environmental Site Assessment
Appendix E	Site Access Agreement
Appendix F	Stipulation Agreement
Appendix G	Repository Acknowledgement



SECTION I: REQUESTOR INFORMATION

The application Requestors are 204 4th Avenue LLC, and Speedway LLC (referred to individually as “Requestor” and collectively as the “Requestors”). Speedway LLC is the current owner of the property located at 204 4th Avenue (Block 434, Lot 35), Brooklyn, New York (the “Site”) and 204 4th Avenue LLC is the entity which intends to purchase the Site. Ownership information for the Requestors is as follows:

- 204 4th Avenue LLC:
 - o Avi Fisher
- Speedway LLC:
 - o John M. Helms (Manager of Environmental Remediation)

Print-outs of the entity information for 204 4th Avenue LLC and Speedway LLC from the NYS Department of State's Corporation & Business Entity Database are included in **Appendix A**. Delegation of signature authority by the LLC's to the individual signing the BCP documents are included in **Appendix B**.

All BCP documents will be certified in accordance with Section 1.5 of DER-10.



SECTION II: PROJECT DESCRIPTION

The Requestors are seeking to enter the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) at the investigation and remedial stage for the Site. Although an initial investigation has been completed, a Supplemental Remedial Investigation (SRI) will be completed to further delineate subsurface impact at the Site. The SRI is anticipated to include, but not be limited to, supplemental soil and groundwater sampling to further delineate subsurface contamination. In addition, an Interim Remedial Measure (IRM) for the removal of underground storage tanks (USTs) is submitted with this application.

The proposed plan for the project is to investigate and remediate the Site as part of a redevelopment that will feature a mixed use commercial and residential building. The residential units will have a mix of affordable and market rate apartments.

Schedule

It is anticipated that the IRM for the closure of USTs would start within approximately one month of acceptance of the project into the BCP which is anticipated to be on August 25, 2019, followed by completing the Supplemental Remedial Investigation. Planning and implementation of remediation for the Site would start within six to 12 months following acceptance of the final Supplemental Remedial Investigation Report (RIR). It is anticipated that a Certificate of Completion (COC) could be granted upon completion of the remedial program. The estimated completion is October 30, 2022.

A Site Location Map is included as **Figure 1**. A Site Plan is included as **Figure 2**.



SECTION III: PROPERTY'S ENVIRONMENTAL HISTORY

PWGC prepared a Phase I Environmental Site Assessment (ESA) (dated February 2019), and Phase II ESA (dated March 2019). The Site's environmental history, based on these reports, is summarized below.

Phase I ESA (February 2019)

Phase I Environmental Site Assessment (ESA) activities were conducted in February 2019 by PWGC. The Phase I ESA identified the historical use of the site as a gasoline service station as a recognized environmental condition (REC). The use and storage of hazardous materials and/or petroleum products (e.g., USTs, drum storage) has been documented at the Site. Multiple releases of these substances have been reported. There are five historical spill numbers associated with this Site, with one spill currently active (#96-05719), which was opened on August 2, 1996 after gasoline impact was observed in the soil and groundwater during a UST upgrade event.

The Phase I identified an October 1998 Site Assessment Report Prepared by Groundwater & Environmental Services, Inc. (GES) that reported the removal of four 4,000-gallon, two 2,000-gallon, thirty-six 550-gallon steel gasoline USTs, one 550-gallon waste water UST, and the on-site abandonment of one 2,000-gallon fuel-oil UST with concrete slurry. At this time the UST system was replaced with four 4,000-gallon gasoline USTs, one 4,000-gallon diesel UST, and one 550-gallon waste water UST. NYSDEC Spill number 96-05719 was subsequently opened following the discovery of impacted media. Remedial efforts following the discovery of the spill included the removal of approximately 855 tons of petroleum impacted soil and the installation of eight groundwater monitoring wells on-site. The New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) database continues to indicate that the thirty-six 550-gallon gasoline USTs are abandoned-in-place on-site. In December 2009 the 550-gallon waste water UST was removed.

Additionally, the Phase I identified that groundwater monitoring has been conducted at the Site since at least 2008. Between 2008 and 2010 measurable light non-aqueous phase liquid (LNAPL) was reported in several on-site monitoring wells. The April 2018 groundwater sampling report indicated that concentrations of petroleum compounds are present above NYSDEC standards. The Phase I ESA also identified vapor encroachment, and potential impact to on-site storm drains, as RECs. The Phase I recommended that a Phase II ESA be performed.

An electronic copy of the Phase I ESA is included in **Appendix C**.

Phase II ESA (March 2019)

As recommended in the Phase I ESA, a Phase II ESA was conducted in March 2019 by PWGC. The scope of the Phase II ESA consisted of a geophysical survey, soil and groundwater sampling and soil vapor sampling. The geophysical survey identified three anomalies, two south of the storage building which appear to be areas of soil disturbance, and one east of the active USTs, which appears to be the location of the former 550-gallon waste water UST. No evidence of the thirty-six 550-gallon former USTs was identified, supporting the belief that these USTs were removed in 1996. Analytical results from soil and groundwater samples collected at the Site indicate petroleum contamination is present to depths of 21 feet below ground surface (bgs). VOCs, SVOCs, and metals were detected at concentrations above restricted residential soil cleanup objectives (SCOs). Some levels of lead



exceeded the EPA criteria for classification as hazardous waste. Additional investigation will be performed as part of a Supplemental Remedial Investigation of the Site.

An electronic copy of the Phase II ESA is included in **Appendix D**.

SECTION IV: PROPERTY INFORMATION

Proposed Site Name

The Site name for this project will be: 204 4th Avenue.

Site Address and Tax Map IDs

The Site is located at 204 4th Avenue, Brooklyn, New York. It is located within New York City in Bronx County. The Site consists of the following addresses and Tax Map IDs:

Parcel Address	Section	Block	Lot	Lot Size
204 4 th Avenue, Brooklyn, New York	Brooklyn	00434	0035	0.44 acres

A Digital Tax Map of the Site and surrounding properties is included as **Figure 3**.

Property Description and Environmental Assessment

Location

The Site is located in an urban area in the Gowanus neighborhood of Brooklyn. The Site is bounded by Sackett Street to the north, Union Street to the south, 4th Avenue to the east, and commercial properties to the west.

Site Features

The Site is currently an active gasoline filling station and is improved with a 360-square foot at-grade storage building, a cashier's kiosk, and a canopy covering the pump islands.

Current Zoning and Land Use

The Site is zoned M1-2 for light manufacturing and is surrounded by similarly zoned properties and residential zoned properties to the east. A Zoning and Land Use Map is included as **Figure 4**.

Past Use of the Site

Based on information gathered as part of the February 2019 Phase I ESA, the Site was first developed in approximately 1906 and used for residential/commercial purposes from approximately 1906 to 1961. In the early 1960s, the residential/commercial buildings were demolished, and a gasoline station was constructed in 1965. The Site has been used as a gasoline station since then.

Site Geology and Hydrogeology

The stratigraphy of the Site, from the surface down, consists of primarily historic urban fill, characterized by loosely compacted fine to coarse sand with fragments of brick and concrete, to depths ranging from 12 to 21 feet below grade across the Site. Historic urban fill material is underlain by silty light brown sand, underlain by a layer of grey sandy clay material with organic matter (wood, roots) present in the matrix. Groundwater at the Site is approximately 14 feet below grade and generally flows towards the north/northwest.

Environmental Assessment

Based on the soil sampling performed in the March 2019 Phase II ESA, the following can be determined:

- Soil:
 - o Based on soil boring observations, petroleum impact was observed in soils in the central, western and northern portion of the Site downgradient from the former USTs area in the center of the Site.
 - o Concentrations of VOCs associated with petroleum above RRSCOs were detected at the Site to 21 feet below grade.
 - o Concentrations of SVOCs above RRSCOs were detected at the Site to 21 feet below grade.
 - o Concentrations of metals (lead, mercury, arsenic, copper, barium) above RRSCOs were detected at the Site to 21 feet below grade.
 - o Concentrations of lead were identified to be at hazardous concentrations based on TCLP results.
 - o Concentrations of pesticides were below RRSCOs and PCBs were below UUSCOs.
 - o Analytical results from samples collected at 25-27 feet below grade reported concentrations of metals below restricted-residential use criteria.
- Groundwater:
 - o VOCs above AWQS were reported at MW-3 and MW-7 consistent with compounds associated with petroleum contamination. Evidence of petroleum impact was most pronounced on the central-western and north portions of the Site down gradient from the former UST area in the center of the Site.
 - o SVOCs above AWQS were reported in each groundwater sample collected from the Site.
 - o Dissolved (filtered) arsenic was detected at a concentration exceeding AWQS at one groundwater sampling location.
 - o Concentrations of PCBs above AWQS were reported in one groundwater sample (SB004-GW). No pesticides were reported above AWQS in groundwater samples collected from the Site.
- VOCs associated with petroleum were detected in soil vapor samples collected across the Site. Benzene was detected at one location above EPA vapor intrusion screening levels (VISL).

Sample locations are included on **Figure 5**; A Site Plan showing sample results is included as **Figure 6, Figure 7, and Figure 8**.



SECTION VI: CURRENT PROPERTY OWNER/OPERATOR INFORMATION

Current Owner's Name:

Parcel Address	Block	Lot	Owner Name	Deed Date
204 4 th Avenue	00434	0035	Speedway LLC	9/30/2014

Current Operator:

The Site is currently owned and operated by Speedway LLC and is used as a retail gasoline station.

Previous Property Owners:

Based on a Commitment for Title Insurance document and on recorded deeds in the New York City Automated City Register Information System (ACRIS) database, the following parties had title to the Site:

204 4 th Avenue, Brooklyn, New York (Block 434, Lot 35)						
Deed Date(s)	Deed Holder (Buying Party)	Relationship to Requestors	Selling Party	Deed Holder Formerly Known As	Address	Phone Number
9/30/2015 (Both RPTT and RETT)	Speedway, LLC	Requestor	Hess Corporation	Acquisition from Hess Retail Stores, LLC	Speedway LLC, 500 Speedway Drive, Enon, OH 42323	(937) 863-6515
4/24/2014	Hess Retail Stores, LLC.	None	Hess Corporation	Amerada Hess Corporation; Acquisition from Merit Oil Company of New York, Inc., formally known as Merit Nostrand, Inc.;	Hess Corporation, 1 HESS PLAZA Woodbridge, NJ 07095	None Known
6/18/1964	Merit Nostrand, Inc.	None	Wabash Realty Co., Inc.	Acquisition from Wabash Realty Co., Inc.	Merit Oil of New York, Inc. 551 West Lancaster Avenue Haverford, PA 19041	None Known
6/18/1964	Wabash Realty Co., Inc.	None	Pasqualina Petito	None	None Known	None Known

SECTION VII: REQUESTOR ELIGIBILITY INFORMATION

The application Requestors are 204 4th Avenue LLC and Speedway LLC.

The Requestors qualify as “volunteers” because all releases of hazardous substances occurred prior to the time the Requestors acquired title (or will acquire title) to the Site and did not have any affiliation with responsible party(ies). Since taking title, Speedway LLC has exercised appropriate care by performing routine quarterly groundwater sampling and performing all actions requested by the NYSDEC. Since taking title and in preparation of title transfer, the Requestors have continued to exercise appropriate care by performing a voluntary investigation, disclosing the results to NYSDEC and applying to the BCP to remediate the contamination detected during the investigation. As such, the Requestors qualify as Volunteers as defined in ECL 27-1405(1)(b).

The requestors have access to the site to perform the required investigation and remediation. A site access agreement is included in **Appendix E**.

The Site has an open Spill Number (#96-05719), the stipulation agreement associated with the spill is included in **Appendix F**.

The Requestors qualify as “volunteers” as defined by in ECL 27-1405(1)(b) and 6 NYCRR 375-3.2(c)(2) because liability Requestors have for Site contamination arises solely from their ownership of and involvement with the Site subsequent to the disposal or discharge of contaminants. Disposal of hazardous substances occurred prior to the time the Requestors acquired title (or will acquire title to the Site.). Since taking title, Speedway LLC has exercised appropriate care by performing routine quarterly groundwater sampling and performing any additional remedial activities requested by the NYSDEC. Since the Requestors’ involvement with the Site, there have been no releases or any threatened future releases. Further, Requestors have exercised appropriate care performing a voluntary investigation, disclosing the results to NYSDEC and by applying to the BCP to address the contaminants detected during its investigation. As such, the Requestor qualifies as a Volunteer as defined by statute and applicable regulations.



SECTION VIII: PROPERTY ELIGIBILITY INFORMATION

The Site has an open Spill Number (#96-05719), the stipulation agreement associated with the spill is included in **Appendix F**.



SECTION IX: CONTACT LIST INFORMATION

1. *Government Officials*

New York City Mayor
William DeBlasio
City Hall, New York, NY 10007
<http://www1.nyc.gov/office-of-the-mayor/mayor-contact.page>

New York City Department of City Planning
Marisa Lago, Director
120 Broadway, 31st Floor, New York, NY 10271
<http://www1.nyc.gov/site/planning/about/email-the-director.page>

Brooklyn Borough President
Eric L. Adams
209 Joralemon Street
Brooklyn, NY 11201
Phone: (718) 802 3700

Congresswoman
Nydia Velazquez
266 Broadway
Suite 201
Brooklyn, NY 11211
Phone: (718) 599-3658

City Council
Brad Lander
456 5th Ave
Brooklyn, NY 11215
Phone: (718)-499-1090

NYS Assembly Member
Jo Anne Simon
341 Smith Street
Brooklyn, NY 11231
Phone: (718)-246-4889

NYS Senator
Velmanette Montgomery
30 Third Avenue, Suite 207
Brooklyn, NY 11217
Phone: (718) 643-6140

Brooklyn Community Board 6
Craig R. Hammerman, Mgr.
250 Baltic Street



Brooklyn, NY 11201
(718) 643-3027

United States Senator
Charles Schumer
780 Third Avenue, Suite 2301
New York, NY 10017
Phone: (212) 486-4430
www.schumer.senate.gov

United States Senator
Kirsten Gillibrand
780 Third Avenue
Suite 2601
New York, New York 10017
Phone: (212) 688-6262
www.gillibrand.senate.gov

2. Adjacent Properties

202 Fourth Avenue
Brooklyn, NY 11217
C/O Ekl Realty Corporation
637 Sackett Street
Brooklyn, NY 11217

638-644 Degraw Street
Brooklyn, NY 11217
C/O Edward Light, Ekl Realty
8777 Laguna Royale Pts
Lake Worth, FL 33467

654 Sackett Street
Brooklyn, NY 11217
C/O Persam Sackett LLC
96 Knickerbocker Avenue
Brooklyn, NY 11237

647 Union St
Brooklyn, NY 11215
C/O Giy Owner LLC
611 Degraw Street
Brooklyn, NY 11217



608 Union Street
Brooklyn, NY 11215
C/O Dssr Realty Corp
608 Union Street
Brooklyn NY 11215

224 Fourth Avenue
Brooklyn, NY 1121
C/O Asv Realty LLC
217 Battery Avenue
Brooklyn NY 11209

215 Forth Avenue
Brooklyn, NY 11215
C/O 215 Fourth Avenue LLC

211 Fourth Avenue
Brooklyn, NY 11217
C/O 3333 Hylan Realty
26 Bay 8 Street
Brooklyn NY 11228

209 Fourth Avenue
Brooklyn, NY 11217
C/O Triple Ag Corp
101 JFK Pkwy
Short Hills NJ 07078

207 Fourth Avenue
Brooklyn, NY 11217
C/O Dept of Environmental Protection
5917 Junction Blvd
Elmhurst, NY 11373

191 Fourth Avenue
Brooklyn, NY 11217
C/O 661 Sackett Street LLC
4522 Beach 45 St #2c
Brooklyn, NY 11224

3. Local News Media

Brooklyn Paper
One Metrotech Center, Suite 1001
Brooklyn, NY 11201



Phone: (718) 260-2500

Brooklyn Daily Eagle
16 Court St., Floor 30
Brooklyn, NY 11241

4. Public Water Supplier

New York City Department of Environmental Protection
Address: 59-17 Junction Boulevard Flushing, New York
http://www.nyc.gov/html/dep/html/drinking_water/index.shtml

5. Requested

None to date

6. School or Day Care Facilities

(Within Approx. 0.25 miles of Site)

PS 372 – Public Elementary
512 Carrol Street, Brooklyn, NY 11215
Principal: Rosa Amato
Phone: 718-624-5271

PS 133 – Public Elementary
610 Baltic Street, Brooklyn, NY 11217
Principal: Heather D. Foster-Mann
Phone: 718-298-5320

MS 282 – Park Slope Elementary
180 6th Avenue, Brooklyn, NY 11217
Principal: Rashan Hoke
Phone: 718-622-1226

Park Slope Christian Academy
95 5th Avenue, Brooklyn, NY 11217
Principal: Daniel Sanabria
Phone: 718- 636-9363

Rivendell School – Private Pre-School
277 3rd Avenue, Brooklyn, NY 11215
Executive Director: Katy Hill
Phone: 718-499-5667

Bumble Bee Daycare
258 4th Avenue, Brooklyn, NY 11215
Director: Eunice Lee
Phone: 347-244-0998



St. John's Kidz
390 Butler Street, Brooklyn, NY 11217
Co-Directors: Patricia Major, Bernice Stewart-Alleyne
Phone: 718-789-0008

Kidz Care Daycare
393 Douglass Street, Brooklyn, NY 11217
Contact: pskidcaretwo@gmail.com
Phone: 646-207-6958

Tiny Steps Daycare
33 St. John's Place, Brooklyn, NY 11217
Phone: 347-323-0882

Happy Baby Daycare
670 Union Street, Brooklyn, NY 11215
Contact: Lorena L. Lopez
Phone: 347-995-5534

Sunflower Child Care
238 5th Avenue, Brooklyn, NY 11215
Contact: Natalie
Phone: 646-642-3439

7. Document Repository

Brooklyn Public Library – Pacific Branch
25 4th Avenue, Brooklyn, NY 11217
(718) 638-1531
Library Manager: Ms. Cadance Vasquez

Brooklyn Community Board 6
Craig R. Hammerman, Mgr.
250 Baltic Street
Brooklyn, NY 11201
(718) 643-3027

The Brooklyn Public Library and Brooklyn Community Board 6 Document Repository Acknowledgement is included in **Appendix G**.

8. Community Groups

The Brownstoner	http://www.brownstoner.com
The Carroll Gardens Patch	http://carrollgardenspatch.com



SECTION X: LAND USE FACTORS

The Site is currently an active gasoline station. Potential sources of contamination from current operations include the on-site storage of petroleum products.

The Site is zoned M1-2 manufacturing and is surrounded by similarly-zoned properties and residential properties. A zoning change request will be necessary prior to re-development of the Site. Surrounding properties are utilized for residential uses, with some commercial office space and commercial/retail uses.

The proposed plan for the project is to investigate and remediate the Site. Following completion of investigation and remediation, proposed development plans for the Site include the construction of a mixed use commercial and residential building with a mix of market rate and affordable housing apartments.

Based upon the surrounding land use and proposed re-zoning, it is reasonable to assume that the future use of the Site could include a mixed-use development.



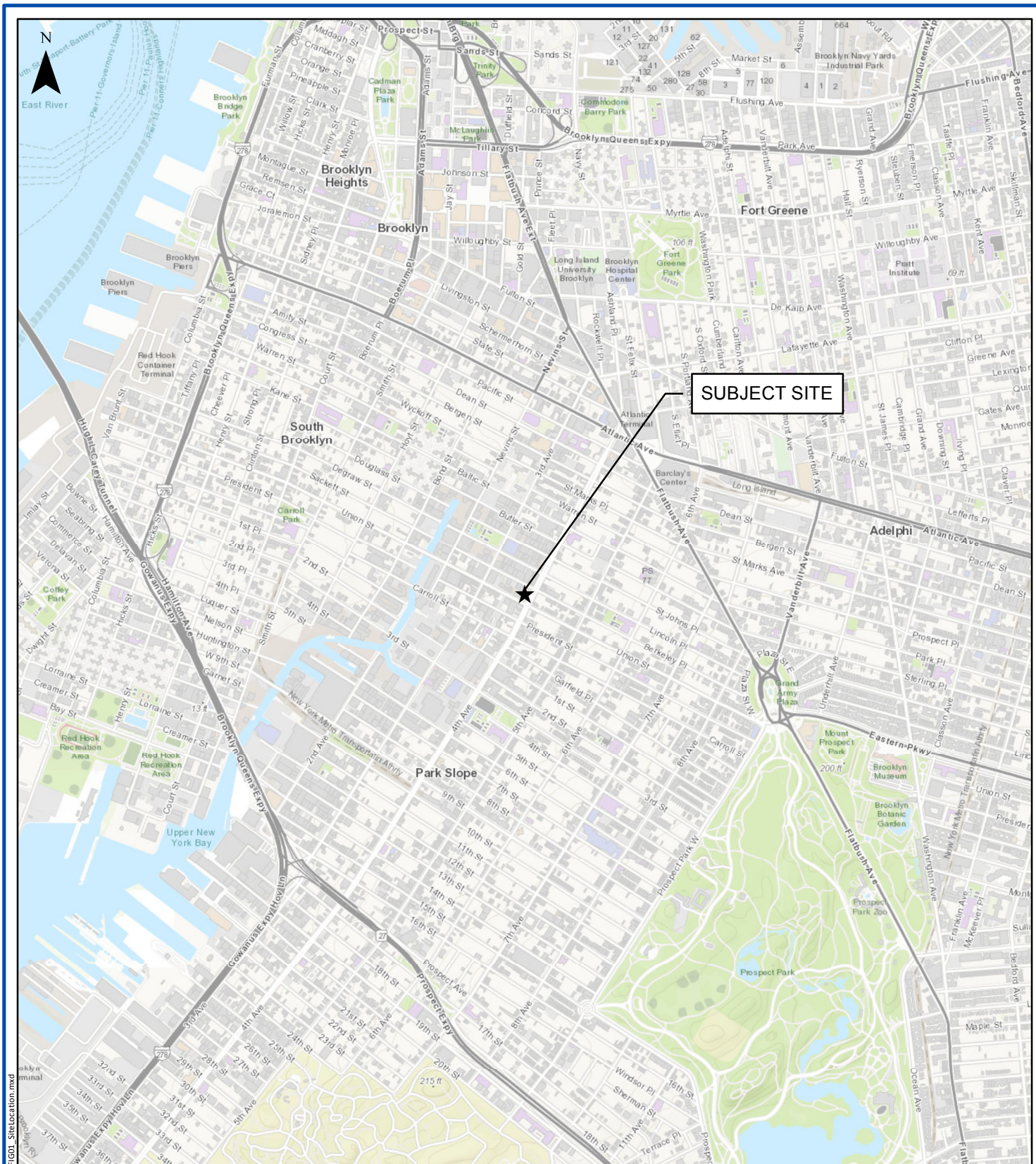
TANGIBLE PROPERTY CREDIT ADDENDUM

Property is located in Kings County.

The Requestors are seeking a determination that the Site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.

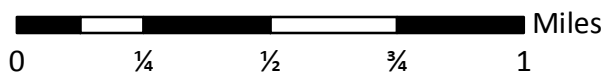
1. Based on review of the most recent (2013) En-Zone boundaries available on the NYSDEC website, the Site does not appear to be located within an EN-Zone.
2. The Site does not appear to meet the definition of “Upside Down” in ECL 27-1405(31). The Site does not appear to meet the definition of “Underutilized” in 6 NYCRR 375-3.2(l).
3. The proposed development will include affordable housing.

FIGURES



SITE LOCATION

204 4th Avenue
Brooklyn, NY



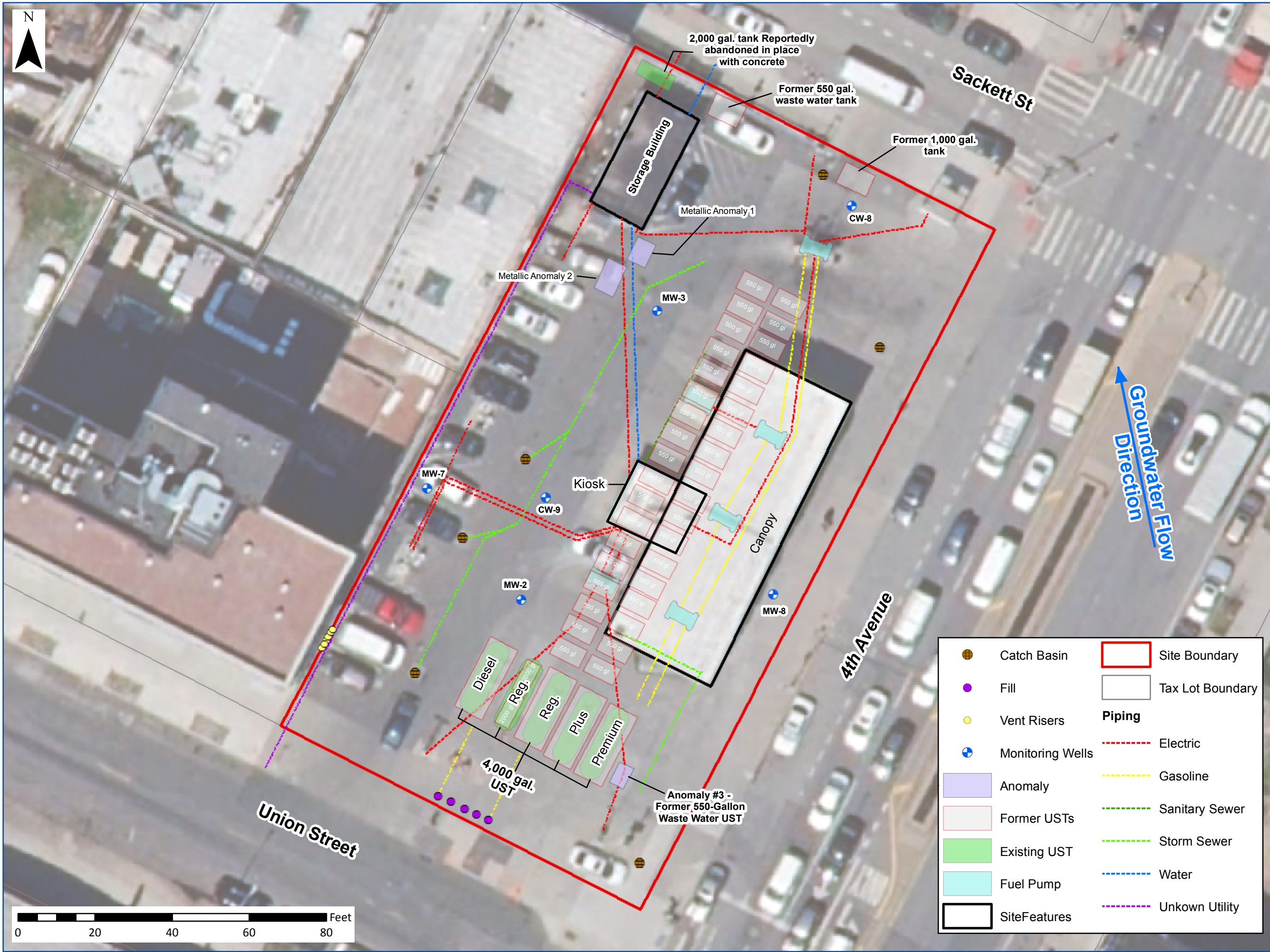
Project:	AHI1906
Date:	3/20/2019
Designed by:	RM
Drawn by:	TS
Approved by:	RM
Figure No:	1



PWGC
CLIENT DRIVEN SOLUTIONS

P.W. Grosser Consulting Engineer & Hydrogeologist, P.C.

630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
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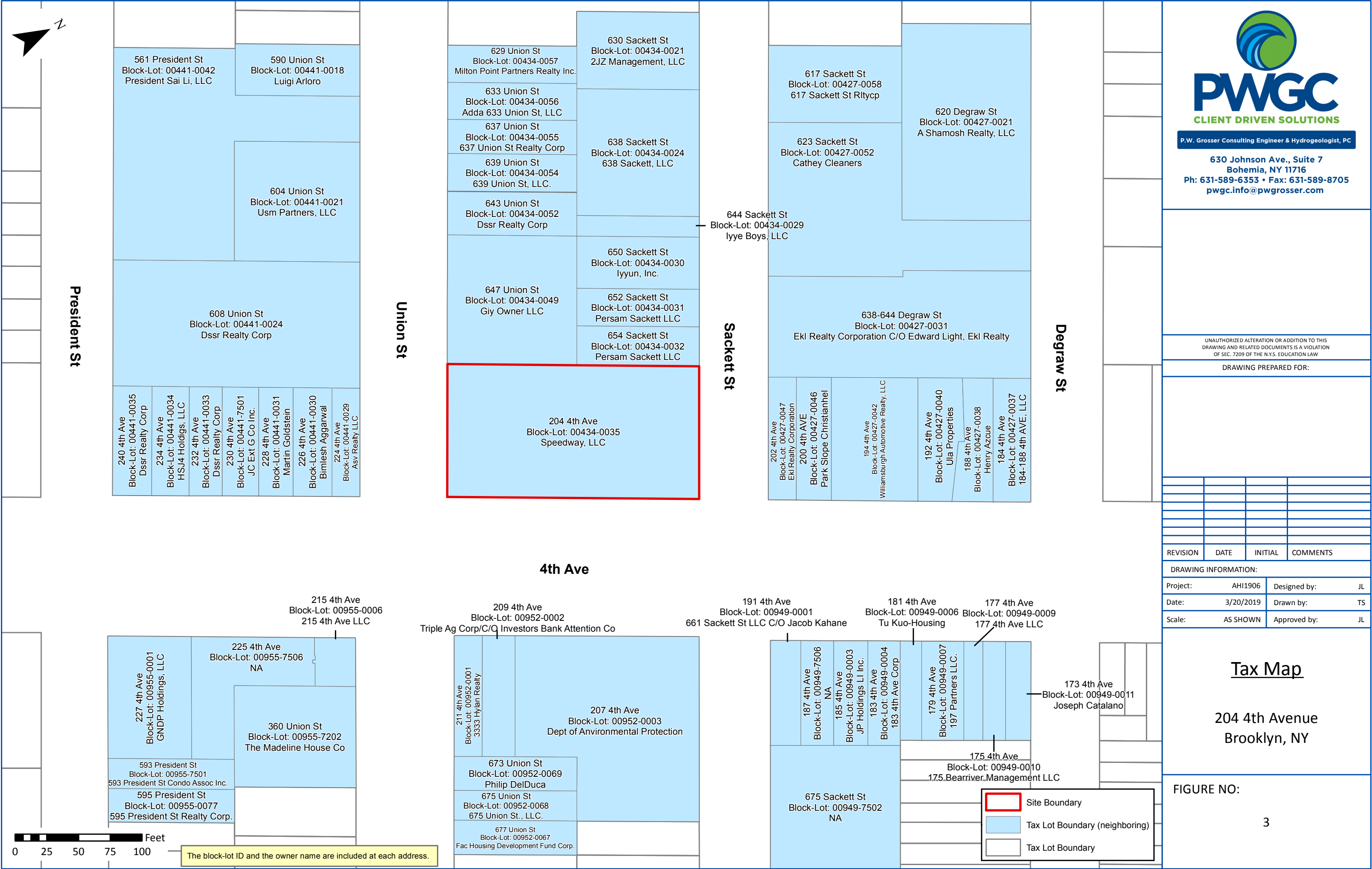
REVISION	DATE	INITIAL	COMMENTS
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DRAWING INFORMATION:			
Project:	AH1906	Designed by:	JL
Date:	3/19/2019	Drawn by:	PH
Scale:	AS SHOWN	Approved by:	JL

Site Plan

204 4th Avenue
Brooklyn, NY

FIGURE NO:
2





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Bohemia, NY 11716
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Date:	3/20/2019	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	AL

Zoning and Land Use

204 4th Avenue
Brooklyn, NY

FIGURE NO:
4



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DRAWING INFORMATION:			
Project:	AH1906	Designed by:	JL
Date:	4/9/2019	Drawn by:	PH
Scale:	AS SHOWN	Approved by:	JL

March 2019
Phase II ESA
Sampling Locations

203 4th Avenue
Brooklyn, NY

FIGURE NO:
5



SB002				
Sample Depth:	4-6'	8-12'	19-21'	
VOCs by USEPA method 8260 in mg/kg				
Naphthalene	0.0045 U	0.0041 U	130	
Xylenes, Total	0.0011 U	0.001 U	0.97 J	
Semi-VOCs by USEPA Method 8270 in mg/kg				
2-Methylphenol	2 U	0.2 U	0.86 J	
3-Methylphenol/4-Methylphenol	2.8 U	0.29 U	2.5 J	
Acenaphthene	2.3	0.16 U	64	
Benzo(a)anthracene	22	0.26	120 E	
Benzo(a)pyrene	21	0.25	93 E	
Benzo(b)fluoranthene	27	0.31	110 E	
Benzo(k)fluoranthene	9.7	0.11 J	31	
Chrysene	22	0.27	110	
Dibenzo(a,h)anthracene	3	0.044 J	16	
Dibenzofuran	1.5 J	0.2 U	45	
Fluoranthene	48	0.47	230	
Fluorene	2	0.2 U	72	
Indeno(1,2,3-cd)pyrene	14	0.16	61	
Naphthalene	1.2 J	0.035 J	44	
Phenanthrene	33	0.23	310	
Phenol	2 U	0.2 U	1.2 J	
Pyrene	42	0.43	210	
Total Metals by USEPA Method 6010 in mg/kg				
Arsenic, Total	14.3	6.1	11.8	
Barium, Total	1,550	62.9	69.2	
Cadmium, Total	3.98	0.964 U	0.961 U	
Copper, Total	91.1	34.8	67.3	
Lead, Total	889	141	3,080	
Mercury, Total	1.87	1.3	0.991	
Zinc, Total	1,610	71.1	108	
TCLP Metals by EPA 1311 mg/L				
Lead	1.15	NA	23.9	
Organochlorine Pesticides by USEPA Method 8081 in mg/kg				
4,4'-DDD	0.00803 IP	0.00193 U	0.00191 U	
4,4'-DDE	0.147	0.00193 U	0.00191 U	
4,4'-DDT	0.711	0.00362 U	0.00358 U	
Dieldrin	0.0137	0.00121 U	0.00119 U	

SB008				
Sample Depth:	4-6'	13-15'	19-21'	
VOCs by USEPA method 8260 in mg/kg				
Acetone	0.012	0.057	1.6 U	
Xylenes, Total	0.00098 U	0.0014 U	0.38 J	
Semi-VOCs by USEPA Method 8270 in mg/kg				
Benzo(a)anthracene	6.8	0.11 J	6.7	
Benzo(a)pyrene	5.6	0.093 J	5.2	
Benzo(b)fluoranthene	7.1	0.13	6.7	
Benzo(k)fluoranthene	2.6	0.04 J	1.8	
Chrysene	6.3	0.12 J	6.6	
Dibenzo(a,h)anthracene	0.94	0.13 U	0.81	
Indeno(1,2,3-cd)pyrene	3.8	0.059 J	3.3	
Total Metals by USEPA Method 6010 in mg/kg				
Barium, Total	812	105	162	
Copper, Total	94.2	47	25.5	
Lead, Total	653	892	685	
Mercury, Total	1.19	0.492	0.873	
Nickel, Total	24.6	31.7	10.8	
Zinc, Total	533	136	117	
TCLP Metals by EPA 1311 mg/L				
Lead	NA	5.2	NA	
Organochlorine Pesticides by USEPA Method 8081 in mg/kg				
4,4'-DDE	0.115	0.00207 U	0.0211 P	
4,4'-DDT	0.365	0.00388 U	0.004 U	

SB001				
Sample Depth:	2-4'	6-8'	13-15'	
VOCs by USEPA method 8260 in mg/kg				
Acetone	0.072	0.04	0.15	
Semi-VOCs by USEPA Method 8270 in mg/kg				
Benzo(a)anthracene	11	2.1	0.12 U	
Benzo(a)pyrene	10	1.8	0.16 U	
Benzo(b)fluoranthene	13	2.3	0.038 J	
Benzo(k)fluoranthene	4.4	0.79	0.12 U	
Chrysene	11	1.7	0.032 J	
Dibenzo(a,h)anthracene	1.5	0.3	0.12 U	
Indeno(1,2,3-cd)pyrene	6.8	1.1	0.16 U	
Total Metals by USEPA Method 6010 in mg/kg				
Copper, Total	220	10.7	10.7	
Lead, Total	546	56.8	56.8	
Mercury, Total	1.95	0.461	0.461	
Nickel, Total	56.2	12.4	12.4	
Zinc, Total	828	36	36	
Organochlorine Pesticides by USEPA Method 8081 in mg/kg				
4,4'-DDD	0.0343	0.00191 U	0.00186 U	
4,4'-DDE	0.0254	0.00191 U	0.00186 U	
4,4'-DDT	0.0571	0.00358 U	0.00348 U	

SB007		
Sample Depth:	6-8'	
VOCs by USEPA method 8260 in mg/kg		
Acetone	0.12	
Semi-VOCs by USEPA Method 8270 in mg/kg		
Benzo(a)anthracene	2.4	
Benzo(a)pyrene	2	
Benzo(b)fluoranthene	2.4	
Benzo(k)fluoranthene	0.87	
Chrysene	2.4	
Indeno(1,2,3-cd)pyrene	1.2	
Total Metals by USEPA Method 6010 in mg/kg		
Mercury, Total	0.54	

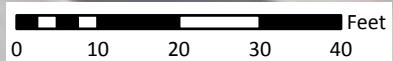
SB006		
Sample Depth:	2-4'	19-21'
VOCs by USEPA method 8260 in mg/kg		
Acetone	0.01	0.08
Semi-VOCs by USEPA Method 8270 in mg/kg		
Benzo(a)anthracene	1.2	0.12 U
Benzo(a)pyrene	1.4	0.16 U
Benzo(b)fluoranthene	2	0.12 U
Chrysene	1.3	0.12 U
Indeno(1,2,3-cd)pyrene	1.1	0.16 U
Total Metals by USEPA Method 6010 in mg/kg		
Barium, Total	576	
Copper, Total	55	16
Lead, Total	607	79
Mercury, Total	0.381	0.426
Zinc, Total	590	33.1
Organochlorine Pesticides by USEPA Method 8081 in mg/kg		
4,4'-DDE	0.0057	0.0192 U
4,4'-DDT	0.0119	0.036 U

SB005		
Sample Depth:	0-2'	8-10'
Semi-VOCs by USEPA Method 8270 in mg/kg		
Benzo(a)anthracene	5.4	0.11 U
Benzo(a)pyrene	5	0.15 U
Benzo(b)fluoranthene	6.1	0.11 U
Benzo(k)fluoranthene	2	0.11 U
Chrysene	4.9	0.11 U
Dibenzo(a,h)anthracene	0.73	0.11 U
Indeno(1,2,3-cd)pyrene	3.5	0.15 U
Total Metals by USEPA Method 6010 in mg/kg		
Barium, Total	412	37.4
Lead, Total	715	58.3
Mercury, Total	0.556	0.19
Zinc, Total	301	37.3
Organochlorine Pesticides by USEPA Method 8081 in mg/kg		
4,4'-DDD	0.0679	0.00179 U
4,4'-DDE	0.236	0.00179 U
4,4'-DDT	0.204	0.00335 U

SB004		
Sample Depth:	2-4'	12-14'
Semi-VOCs by USEPA Method 8270 in mg/kg		
Benzo(a)anthracene	8.8	0.17
Benzo(a)pyrene	7.8	0.16
Benzo(b)fluoranthene	9.5	0.21
Benzo(k)fluoranthene	3	0.071 J
Chrysene	7.2	0.16
Dibenzo(a,h)anthracene	1	0.026 J
Indeno(1,2,3-cd)pyrene	5.1	0.1 J
Total Metals by USEPA Method 6010 in mg/kg		
Barium, Total	422	50.6
Copper, Total	58.2	15
Lead, Total	639	64.8
Mercury, Total	0.39	0.381
Zinc, Total	310	112
Organochlorine Pesticides by USEPA Method 8081 in mg/kg		
4,4'-DDE	0.0086	0.00188 U
4,4'-DDT	0.00758 IP	0.00352 U

SB003				
Sample Depth:	0-2'	12-14'	19-21'	
VOCs by USEPA method 8260 in mg/kg				
1,2,4-Trimethylbenzene	0.0021 U	2,100	140	
1,3,5-Trimethylbenzene	0.0021 U	730	33	
Benzene	0.00052 U	4.5	1.5	
Ethylbenzene	0.001 U	890	30	
n-Butylbenzene	0.001 U	94	5.8	
n-Propylbenzene	0.001 U	480	25	
Naphthalene	0.0041 U	360	24	
sec-Butylbenzene	0.001 U	55	3.6	
Toluene	0.001 U	8.4 U	7	
Xylenes, Total	0.001 U	3,600	84	
Semi-VOCs by USEPA Method 8270 in mg/kg				
Benzo(a)anthracene	3.6	0.76 J	0.39	
Benzo(a)pyrene	2.8	3.3 U	0.45	
Benzo(b)fluoranthene	3.5	2.4 U	0.56	
Benzo(k)fluoranthene	1.2	2.4 U	0.16	
Chrysene	3.2	0.64 J	0.38	
Dibenzo(a,h)anthracene	0.39	2.4 U	0.076 J	
Indeno(1,2,3-cd)pyrene	1.9	3.3 U	0.3	
Naphthalene	1	100	1.2	
Total Metals by USEPA Method 6010 in mg/kg				
Arsenic, Total	3.9	5.46	542	
Barium, Total	63.7	110	472	
Copper, Total	32.8	34.2	331	
Lead, Total	81.9	2,060	3,170	
Mercury, Total	0.808	4.97	2.16	
Zinc, Total	82.6	109	106	
TCLP Metals by EPA 1311 mg/L				
Lead	NA	5.4	22.9	
Hexavalent/Trivalent Chromium by USEPA method 7196A in mg/kg				
Chromium, Trivalent	9.5 J	14	110	
Organochlorine Pesticides by USEPA Method 8081 in mg/kg				
4,4'-DDD	0.00683 P	0.0968 U	0.00194 U	
4,4'-DDE	0.00345	0.0968 U	0.00194 U	
4,4'-DDT	0.00655 P	0.181 U	0.00364 U	
Dieldrin	0.1	0.0605 U	0.00121 U	

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO
Highlighted text denotes concentrations exceeding NYSDEC Commercial Use SCO
Highlighted text denotes concentrations exceeding TCLP Levels



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Project:	AH1906	Designed by:	JL
Date:	4/17/2019	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	JL

March 2019 Phase II ESA Soil Sampling Locations with Results

203 4th Avenue
Brooklyn, NY

FIGURE NO:



MW-3		
Screened Interval:	12-22'	
VOCs by USEPA Method 8260 in µg/L		
Methyl tert butyl ether	21	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.1	J
Benzo(a)pyrene	0.06	J
Benzo(b)fluoranthene	0.08	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.08	J
Indeno(1,2,3-cd)pyrene	0.04	J

Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	4,110	1,250
Magnesium	61,100	59,400
Manganese	900.8	907.4
Mercury	0.86	0.2 U
Sodium	289,000	275,000

MW-7		
Screened Interval:	12-22'	
VOCs by USEPA Method 8260 in µg/L		
1,2,4,5-Tetramethylbenzene	61	
Benzene	9.6	
Isopropylbenzene	39	
n-Propylbenzene	51	
sec-Butylbenzene	10	

Semi-VOCs by USEPA Method 8270 in µg/L	
Acenaphthene	64
Benzo(a)anthracene	0.58
Benzo(a)pyrene	0.82
Benzo(b)fluoranthene	1.1
Benzo(k)fluoranthene	0.42
Chrysene	0.68
Indeno(1,2,3-cd)pyrene	0.78

Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Arsenic	50.21	33.61
Iron	3,430	255
Lead	94.69	0.51 J
Magnesium	86,400	88,300
Manganese	793	793.8
Sodium	250,000	256,000

SB004-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)pyrene	0.02	J
Benzo(b)fluoranthene	0.02	J
Benzo(k)fluoranthene	0.02	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.02	J

Total Metals by USEPA Method 6010 in µg/L			
Sample Type:	Total		Dissolved
Antimony	2.36	J	3.01 J
Arsenic	39.23		4.51
Iron	33,300		1,900
Lead	50.18		1 U
Magnesium	60,600		59,700
Manganese	1,061		967.9
Sodium	412,000		415,000

Polychlorinated Biphenyls by USEPA Method 8082 in µg/L	
Aroclor 1260	0.172

SB014-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB012-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

SB000-GW		
Screened Interval:	13-15'	
Semi-VOCs by USEPA Method 8270 in µg/L		
Benzo(a)anthracene	0.06	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.09	J
Benzo(k)fluoranthene	0.03	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.06	J
Total Metals by USEPA Method 6010 in µg/L		
Sample Type:	Total	Dissolved
Iron	726	50 J
Sodium	150,000	171,000

||
||
||

APPENDIX A

CORPORATION & BUSINESS ENTITY INFORMATION

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through March 18, 2019.

Selected Entity Name: 204 4TH AVENUE LLC

Selected Entity Status Information

Current Entity Name: 204 4TH AVENUE LLC

DOS ID #: 5499648

Initial DOS Filing Date: FEBRUARY 22, 2019

County: NEW YORK

Jurisdiction: NEW YORK

Entity Type: DOMESTIC LIMITED LIABILITY COMPANY

Current Entity Status: ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

AVERY HALL INVESTMENTS

ATTN: MR. AVI FISHER

51 EAST 12TH STREET, 7TH FLOOR

NEW YORK, NEW YORK, 10003

Registered Agent

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

***Stock Information**

# of Shares	Type of Stock	\$ Value per Share
-------------	---------------	--------------------

No Information Available

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
FEB 22, 2019	Actual	204 4TH AVENUE LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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[Services/Programs](#) | [Privacy Policy](#) | [Accessibility Policy](#) | [Disclaimer](#) | [Return to DOS](#)
[Homepage](#) | [Contact Us](#)

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through March 18, 2019.

Selected Entity Name: SPEEDWAY (DELAWARE) LLC

Selected Entity Status Information

Current Entity Name: SPEEDWAY LLC

DOS ID #: 4667661

Initial DOS Filing Date: NOVEMBER 18, 2014

County: SARATOGA

Jurisdiction: DELAWARE

Entity Type: FOREIGN LIMITED LIABILITY COMPANY

Current Entity Status: ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

C T CORPORATION SYSTEM

28 LIBERTY ST.

NEW YORK, NEW YORK, 10005

Registered Agent

C T CORPORATION SYSTEM

28 LIBERTY ST.

NEW YORK, NEW YORK, 10005

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by [viewing the certificate](#).

***Stock Information**

# of Shares	Type of Stock	\$ Value per Share
-------------	---------------	--------------------

No Information Available

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
NOV 18, 2014	Fictitious	SPEEDWAY (DELAWARE) LLC
NOV 18, 2014	Actual	SPEEDWAY LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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[Homepage](#) | [Contact Us](#)

APPENDIX B

DELEGATION OF SIGNATURE AUTHORITY

DELEGATION OF AUTHORITY

SPEEDWAY LLC

October 05, 2018

I, Nelson E. Almond, hereby certify I am the Senior Vice President, Engineering and Corporate Support of Speedway LLC ("Speedway"), and as such I am authorized to execute and deliver environmental related permit applications and reports, and other written instruments on behalf of Speedway.

Pursuant to my authority in such capacity, I hereby confirm my delegation to John M. Helms, in his capacity as Manager of Environmental Remediation or such substantially similar title for Speedway, effective as of the date above, the authority to execute and deliver the following documents and items for and on behalf of Speedway so long as he acts in the representative capacity as agent of Speedway and in accordance with Speedway's internal controls and policies:

- (1) Federal, state, and local environmental permit and license applications or renewals, or consent orders;
- (2) Routine environmental reports required by permits, licenses, or regulations, including, but not limited to, discharge monitoring reports, air emissions reports, waste management documents, and SARA quarterly and annual reports;
- (3) Responses to requests for information relating to environmental compliance or enforcement, including but not limited to matters arising from a permit or related documents;
- (4) Documents relating to corrective action, including but not limited to access or license agreements, agreements with governmental entities, restrictive covenants and other documents required to obtain environmental closure of risk-based corrective action projects; and
- (5) Such other documents regarding Speedway environmental matters necessary and desirable to complete such environmental matters and otherwise requiring Vice President signature on behalf of Speedway.

All as required or permitted under federal, state or local environmental, public health and safety laws, or any implementing regulations or amendments to such laws or regulations, including, but not limited to: Clean Air Act, Comprehensive Environmental Response, Compensation and Liability Act, Toxic Substances Control Act, Resource Conservation and Recovery Act, Federal Water Pollution Control Act, the Occupational Safety and Health Act, and the Safe Drinking Water Act, all as amended.

The Manager of Environmental Remediation, when signing such documents, will be required to comply with any applicable internal controls and policies, including, but not limited to, Financial Approval Authority, up to the amount Speedway authorizes for a Manager, Corporate Environmental (as may be amended or revised from time to time), and with Law Organization review and approval as to form.

SPEEDWAY LLC

APPROVED
AS TO FORM

LEE ANN WARREN
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
September 01, 2020
Recorded in
Clark County

FILING RECEIPT

ENTITY NAME: 204 4TH AVENUE LLC

DOCUMENT TYPE: ARTICLES OF ORGANIZATION (DOM LLC)

COUNTY: NEWY

FILED:02/22/2019 DURATION:***** CASH#:190222000582 FILM #:190222000568
DOS ID:5499648

FILER:

EXIST DATE

CAPITOL SERVICES, INC.
1218 CENTRAL AVE, STE 100

02/22/2019

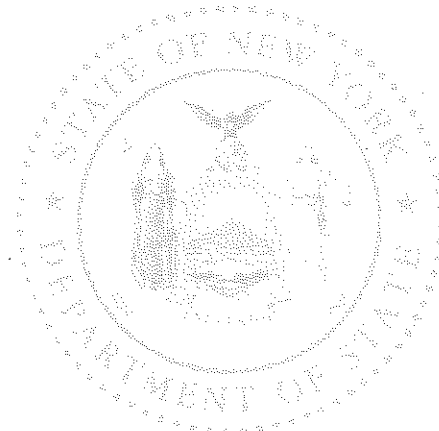
ALBANY, NY 12205

ADDRESS FOR PROCESS:

AVERY HALL INVESTMENTS
ATTN: MR. AVI FISHER
NEW YORK, NY 10003

51 EAST 12T STREET, 7TH FLOOR

REGISTERED AGENT:



The limited liability company is required to file a Biennial Statement with the Department of State every two years pursuant to Limited Liability Company Law Section 301. Notification that the biennial statement is due will only be made via email. Please go to www.email.ebiennial.dos.ny.gov to provide an email address to receive an email notification when the Biennial Statement is due.

SERVICE COMPANY: CAPITOL SERVICES, INC. - 01

SERVICE CODE: 01 *

FEES 235.00
FILING 200.00
TAX 0.00
CERT 0.00
COPIES 10.00
HANDLING 25.00

PAYMENTS 235.00
CASH 0.00
CHECK 0.00
CHARGE 0.00
DRAWDOWN 235.00
OPAL 0.00
REFUND 0.00

STATE OF NEW YORK
DEPARTMENT OF STATE

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.



WITNESS my hand and official seal of the
Department of State, at the City of Albany,
on February 25, 2019.

A handwritten signature in cursive script that reads "Whitney Clark".

Whitney Clark
Deputy Secretary of State

OWN
CT. # 01

1 90222000 568



Division of Corporations,
State Records and
Uniform Commercial Code

New York State
Department of State
DIVISION OF CORPORATIONS,
STATE RECORDS AND
UNIFORM COMMERCIAL CODE
One Commerce Plaza
99 Washington Ave.
Albany, NY 12231-0001
www.dos.ny.gov

(This form must be printed or typed in black ink)

ARTICLES OF ORGANIZATION OF

204 4th Avenue LLC

(Insert name of Limited Liability Company)

Under Section 203 of the Limited Liability Company Law

FIRST: The name of the limited liability company is:

204 4th Avenue LLC

SECOND: The county within this state in which the office of the limited liability company is to be located is: New York County

THIRD: The Secretary of State is designated as agent of the limited liability company upon whom process against it may be served. The address within or without this state to which the Secretary of State shall mail a copy of any process against the limited liability company served upon him or her is:

Avery Hall Investments

51 East 12th Street, 7th Floor

New York, NY 10003

attn: Mr. Avi Fisher

X

(Signature of Organizer)

Avi Fisher

(Print or Type Name of Organizer)

CERTIFICATE OF RESERVATION

=====

ENTITY NAME: 204 4TH AVENUE LLC

DOCUMENT TYPE: RESERVATION (DOM LLC)

=====

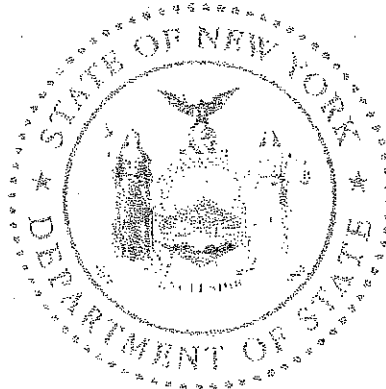
FILED:01/17/2019 DURATION:03/19/2019 CASH#:190117000224 FILM #:190117000223

FILER:

DREW FITZPATRICK
AVERY HALL INVESTMENTS
51 EAST 12TH STREET, 7TH FLOOR
NEW YORK, NY 10003

ADDRESS FOR PROCESS:

REGISTERED AGENT:



** SUBMIT RECEIPT WHEN FILING CERTIFICATE **

APPLICANT NAME : DREW FITZPATRICK

=====

SERVICE COMPANY: CAPITOL SERVICES, INC. - 01

SERVICE CODE: 01

FEES 95.00

PAYMENTS 95.00

FILING 20.00

CASH 0.00

TAX 0.00

CHECK 0.00

CERT 0.00

CHARGE 0.00

COPIES 0.00

DRAWDOWN 95.00

HANDLING 75.00

OPAL 0.00

REFUND 0.00

=====

DOS-1025 (04/2007)

CSI-01

568

ARTICLES OF ORGANIZATION
OF

204 4th Avenue LLC

(Insert name of Limited Liability Company)

Under Section 203 of the Limited Liability Company Law

Filer's Name and Mailing Address:

Name:

Capitol Services, Inc.

Company, if Applicable:

1218 Central Ave, Ste 100

Mailing Address:

Albany, NY 12205

City, State and Zip Code:

100
STATE OF NEW YORK
DEPARTMENT OF STATE

FILED FEB 22 2019

TAX \$

BY: *[Signature]*

NOTES:

1. This form was prepared by the New York State Department of State for filing articles of organization for a domestic limited liability company. It does not contain all optional provisions under the law. You are not required to use this form. You may draft your own form or use forms available at legal stationery stores.
2. The Department of State recommends that legal documents be prepared under the guidance of an attorney.
3. The Limited Liability Company Law requires that the name end with "Limited Liability Company," "LLC" or "L.L.C." The name of the limited liability company must be uniformly stated throughout this certificate.
4. The filer may not be the limited liability company being formed.
5. The certificate must be submitted with a \$200 filing fee made payable to the Department of State.

(For Office Use Only)

RECEIVED

2019 FEB 22 AM 11:02

2019 FEB 22 AM 11:49

FILED

CSI-01

DRAWDOWN ACCOUNT

582

204 4TH AVENUE LLC RESOLUTION

The undersigned, being the manager (the "Manager") of 204 4th Avenue LLC, a New York limited liability company (the "Company"), does hereby consent to and adopt the following resolutions:

WHEREAS, the Company is the developer of certain real property located at 204 4th Avenue, Brooklyn, NY 11217, Tax Block 434, Lot 35 (the "Property");

WHEREAS, the Company desires to include the Property in the New York State Department of Environmental Conservation Brownfield Cleanup Program (the "BCP");

WHEREAS, the Company has entered into a license agreement with the owner of the Property, Speedway LLC, to develop the Property and to participate in the BCP; and

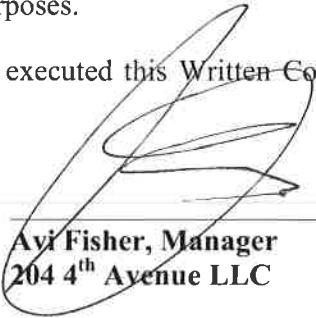
WHEREAS, the Company desires to enter into a Brownfield Cleanup Agreement with the New York State Department of Environmental Conservation (the "Agreement") to evidence the inclusion of the Property in the BCP.

NOW, THEREFORE, BE IT RESOLVED, that the Company is hereby authorized and directed to execute and deliver any and all documents in connection with the Agreement, including an environmental easement and any other documents deemed necessary in substantial accordance with this Resolution.

AND BE IT FURTHER RESOLVED, that the Manager of the Company hereby authorizes and directs Jesse Wark, as authorized signatory (the "Authorized Signatory") to acknowledge, execute and deliver for and on behalf of the Company, any and all agreements, resolutions, documents, certificates, easements, and authorizations which may be necessary, convenient or advisable to effect the inclusion of the Property in the BCP, including but not limited to, the Agreement and any required environmental easement for the Property, and to take such additional actions as he deems desirable and appropriate to carry out the intent and to accomplish the purposes of these resolutions;

AND BE IT FURTHER RESOLVED, that any and all lawful action taken in good faith by the Authorized Signatory prior to the date hereof on behalf of the Company and in furtherance of the transactions contemplated by the foregoing resolution are in all respects ratified, confirmed and approved by the Company as its own acts and deeds, and shall conclusively be deemed to be the acts and deeds of the Company for all purposes.

IN WITNESS WHEREOF, the undersigned has executed this Written Consent in the capacity noted below as of this 16 day of April 2019.



Avi Fisher, Manager
204 4th Avenue LLC

SPEEDWAY LLC
AUTHORIZATION TO ENTER THE NEW YORK STATE BROWNFIELD CLEANUP
PROGRAM AND TO COMPLETE REMEDIAL PROGRAM REQUIREMENTS FOR
PROPOSED BCP SITE LOCATED AT 204 FOURTH AVENUE, BROOKLYN, NEW YORK

WHEREAS, Speedway LLC (“Speedway”) is a foreign (Delaware) Limited Liability Company authorized to do business under the laws of the State of New York as New York Department of State ID#4667661; and

WHEREAS, Speedway owns the property located at 204 Fourth Avenue, Brooklyn, New York, Block 434, Lot 35 (the “Property” or the “Site”) and is currently under contract to sell the Property to 204 4th Avenue LLC (“204 4th Avenue”) pursuant to a Purchase and Sale Agreement dated February 1, 2019 (the “PSA”); and

WHEREAS, 204 4th Avenue is a New York Limited Liability Company authorized to do business under the laws of the State of New York as New York Department of State ID#5499648; and

WHEREAS, 204 4th Avenue and Speedway will be jointly submitting an application to the New York State Department of Environmental Conservation (“DEC”) to apply to participate in the New York State Brownfield Cleanup Program (the “BCP”); and

WHEREAS, John M. Helms is the Authorized Signatory (defined below) for Speedway and is further authorized to, in the name of and on behalf of Speedway, execute and deliver (or direct the delivery and execution of) all applications, documents and instruments required to apply to participate in the BCP, effectuate the Brownfield Cleanup Agreement (the “BCA”) (including the execution of the BCA), grant an environmental easement, if required, direct all necessary sampling, investigation and remedial work required under the BCP, and make or authorize any filings required to comply with the BCA, including the right to grant access to 204 4th Avenue to the Site for purposes of the BCP, consistent with applicable laws, regulations and guidance under the BCP (collectively referred to as the “Remedial Program Requirements”); and

WHEREAS, 204 4th Avenue, and its employees, agents and contractors, including environmental consultants, will need access to the Site to conduct investigation and remedial activities, as required, consistent with the BCA and the PSA; and

NOW, THEREFORE BE IT RESOLVED, Speedway hereby authorizes 204 4th Avenue, and its employees, agents and contractors, including environmental consultants, to submit a BCP application and to access the Site to perform such investigations and remediation as may be required under the BCA and the Remedial Program Requirements.

BE IT FURTHER RESOLVED, John M. Helms, in his capacity as the “Authorized Signatory,” is hereby authorized to sign all documents and perform such acts as may be necessary or desirable to give effect to this consent, including, but not limited to, signing any and all related

documents related to the BCA pursuant to the BCP consistent with the Remedial Program Requirements.

This Authorization may be signed in any number of counterparts, including but not limited to electronic, and shall become effective as of the date herein below written when each person named below shall have signed a copy hereof.

In witness hereof, I have duly executed and adopted this consent resolution, effective March 21, 2019.

Speedway LLC

By: 

John M. Helms
Manager of Environmental Remediation



APPENDIX E

SITE ACCESS AGREEMENT

SPEEDWAY LLC
AUTHORIZATION TO ENTER THE NEW YORK STATE BROWNFIELD CLEANUP
PROGRAM AND TO COMPLETE REMEDIAL PROGRAM REQUIREMENTS FOR
PROPOSED BCP SITE LOCATED AT 204 FOURTH AVENUE, BROOKLYN, NEW YORK

WHEREAS, Speedway LLC (“Speedway”) is a foreign (Delaware) Limited Liability Company authorized to do business under the laws of the State of New York as New York Department of State ID#4667661; and

WHEREAS, Speedway owns the property located at 204 Fourth Avenue, Brooklyn, New York, Block 434, Lot 35 (the “Property” or the “Site”) and is currently under contract to sell the Property to 204 4th Avenue LLC (“204 4th Avenue”) pursuant to a Purchase and Sale Agreement dated February 1, 2019 (the “PSA”); and

WHEREAS, 204 4th Avenue is a New York Limited Liability Company authorized to do business under the laws of the State of New York as New York Department of State ID#5499648; and

WHEREAS, 204 4th Avenue and Speedway will be jointly submitting an application to the New York State Department of Environmental Conservation (“DEC”) to apply to participate in the New York State Brownfield Cleanup Program (the “BCP”); and

WHEREAS, John M. Helms is the Authorized Signatory (defined below) for Speedway and is further authorized to, in the name of and on behalf of Speedway, execute and deliver (or direct the delivery and execution of) all applications, documents and instruments required to apply to participate in the BCP, effectuate the Brownfield Cleanup Agreement (the “BCA”) (including the execution of the BCA), grant an environmental easement, if required, direct all necessary sampling, investigation and remedial work required under the BCP, and make or authorize any filings required to comply with the BCA, including the right to grant access to 204 4th Avenue to the Site for purposes of the BCP, consistent with applicable laws, regulations and guidance under the BCP (collectively referred to as the “Remedial Program Requirements”); and

WHEREAS, 204 4th Avenue, and its employees, agents and contractors, including environmental consultants, will need access to the Site to conduct investigation and remedial activities, as required, consistent with the BCA and the PSA; and

NOW, THEREFORE BE IT RESOLVED, Speedway hereby authorizes 204 4th Avenue, and its employees, agents and contractors, including environmental consultants, to submit a BCP application and to access the Site to perform such investigations and remediation as may be required under the BCA and the Remedial Program Requirements.

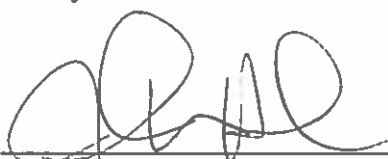
BE IT FURTHER RESOLVED, John M. Helms, in his capacity as the “Authorized Signatory,” is hereby authorized to sign all documents and perform such acts as may be necessary or desirable to give effect to this consent, including, but not limited to, signing any and all related

documents related to the BCA pursuant to the BCP consistent with the Remedial Program Requirements.

This Authorization may be signed in any number of counterparts, including but not limited to electronic, and shall become effective as of the date herein below written when each person named below shall have signed a copy hereof.

In witness hereof, I have duly executed and adopted this consent resolution, effective March 21, 2019.

Speedway LLC

By: 

John M. Helms

Manager of Environmental Remediation



APPENDIX F

STIPULATION AGREEMENT

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STIPULATION PURSUANT TO SECTION 17-0303 OF THE ENVIRONMENTAL
CONSERVATION LAW AND SECTION 176 OF THE NAVIGATION LAW BY:

Amerada Hess Corporation., Respondent

Spill No. 96-05719

1. The Department of Environmental Conservation is the agency responsible for the cleanup and removal of discharges of petroleum pursuant to Article 12 of the Navigation Law and Article 17 of the Environmental Conservation Law.
2. Respondent has agreed to clean up and remove a discharge of petroleum which occurred on August 2, 1996 at 204-222 4th Avenue, New York (the "Site") by taking the steps and according to the conditions set forth in the Corrective Action Plan attached to this Stipulation.
3. Respondent and its employees, servants, agents, lessees, sublessees, successors, and assigns hereby waive any right to pursue reimbursement of monies expended by Respondent prior to the Termination Date as against the State of New York or the New York Environmental Protection and Spill Compensation Fund (the "Spill Fund"), and agree to indemnify and hold harmless the Spill Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that any of same has or may have as a result of Respondent's entering into or fulfilling the terms of this Stipulation with respect to the Site.
4. This Stipulation does not affect the Department's right to pursue any claims that the Department may have against Respondent, including but not limited to, claims for alleged violations of the Navigation law or the Environmental Conservation law. This Stipulation does not affect any defenses that Respondent may have to any such claims.
5. Respondent, without admitting liability, consents to the issuance of this Stipulation, waives the right to notice and hearing with respect to the issuance and entry of this Stipulation as provided by law, and agrees to be bound by the terms of this Stipulation, including any attachments thereto.
6. This Stipulation is equivalent to an order pursuant to ECL §17-0303 and a directive pursuant to NL §176 and is enforceable as such.
7. The Corrective Action Plan may be modified in writing as may be agreed between the parties. The Corrective Action Plan may be modified by the Department in the same manner as a Department permit. In the event of a conflict between the terms of this Stipulation and any Corrective Action Plan submitted pursuant to this Stipulation, the terms of this Stipulation shall control over the terms of the Corrective Action Plan(s).
8. The effective date of this Stipulation is the date it is signed by the Department. This Stipulation shall terminate when the Department issues a written determination that no further remedial activities are required with respect to the petroleum discharge at the Site (the "Termination Date").

2/16/06

Date

Respondent's Signature*

Respondent's Title (if corporation)

Date

2/23/06

Acting Regional Director or Regional Spill Engineer, Region 2

*NOTE:: If stipulation is with a corporation, the respondent must be an official, authorized corporate representative.

Corrective Action Plan for Spill No. 96-05719

1. Within 60 days of receipt of the executed Stipulation Agreement, the Respondent must submit to the DEC for review and approval an Investigation Plan (IP) proposal to install additional groundwater monitoring wells as feasible and necessary to complete the delineation of soil and groundwater contamination both on-site and off-site, to the extent practical.
2. Within 60 days of DEC approval of proposal referenced in paragraph 2 above Respondent shall initiate access requests as needed. The NYSDEC shall assist the Respondent in communicating access requests to off site property owners/public right-of-ways as necessary. Access terms may require modification to the scope of work. Respondent shall not be held liable for delays or revisions that are beyond the control of the Respondent, including but not limited to (a) failure to obtain access to a property after using reasonable efforts to do so (b) access provided only on condition of payment in excess of reasonable and customary amounts for such access (c) delays resulting from weather or (d) utilities.
3. Within 90 days of access, Respondent shall submit to the Department, for its approval, an Investigation Summary Report (ISR) that completely delineates soil and groundwater contamination both on-site and off-site.
4. Within 120 days of receipt of approval of the ISR, Respondent shall submit a Remedial Action plan (RAP) to the Department. The RAP shall detail the work proposed to remediate all contaminated media. The RAP shall also include, as applicable, an Operation, Maintenance and Monitoring Plan (OMMP) in complying with pertinent sections of the DER-10 Technical Guidance for Site Investigation and Remediation, available on the Department's website: www.dec.state.ny.us. The Department shall either approve or disapprove the RAP in writing. If the submittal is disapproved, the NYSDEC shall specify any deficiencies and required modifications in writing. Within 30 days of receipt of the Department's disapproval notice, the Respondent shall submit a revised RAP which addresses the NYSDEC's comments correcting all deficiencies identified in the disapproval notice. Should the Respondent require additional time to complete the required task a written request for extension may be submitted to the NYSDEC.
5. Within 60 days of receipt of the Department's notice of approval of the revised RAP referenced in paragraph 5 the Respondent shall commence work in accordance to the implementation schedule contained within the RAP.
6. The approved RAP shall be made part of the stipulation agreement between Respondent and the NYSDEC.

Any Modifications to this Corrective Action Plan must be approved in advance by the NYSDEC.

APPENDIX G

DOCUMENT REPOSITORY ACKNOWLEDGEMENT

From: [Vasquez, Candace](#)
To: [Andrew Lockwood](#)
Subject: RE: Document Repository Request (Site: 204 4th Avenue) - NYSDEC Brownfield Cleanup Program -
Date: Wednesday, February 27, 2019 1:56:10 PM
Attachments: [image003.png](#)

Mr. Lockwood

PWGC has permission to use the Brooklyn Public Library- Pacific Branch Library as a document repository . All document will be kept in the reference section and open for public use.

Thank you,

Candace Vasquez
Neighborhood Library Supervisor
Pacific Branch Library
718-638-1531

From: Andrew Lockwood [andy@pwgros.com]
Sent: Tuesday, February 26, 2019 3:59 PM
To: Vasquez, Candace
Subject: Document Repository Request (Site: 204 4th Avenue) - NYSDEC Brownfield Cleanup Program -

Dear Ms. Vasquez,

PWGC is formally requesting permission to utilize the Brooklyn Public Library - Pacific Branch as a document repository during the investigation and remediation of a property located at 204 4th Avenue, Brooklyn, NY. It is anticipated that over the course of the next 2-4 years, several documents (hard copies or electronic versions on CD) related to the environmental investigation and remediation of the property will be delivered to the Wakefield Library. The proposed investigation and remediation will be done in coordination with New York State Department of Environmental Conservation input under the Brownfield Cleanup Program.

Upon delivery, it is requested that these documents be stored in the reference section of the library and be made available for public review if requested. Please respond if the Pacific Branch can be utilized as a document repository for this matter.

Thanks you and please contact me if you have any questions.

Andrew Lockwood, PG, LEP | Senior Vice President



630 Johnson Ave, Suite 7
Bohemia, NY 11716

w. 631.589.6353

f. 631.589.8705

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delete the email message along with any attachments. Thank you.

Please consider the environment - think before you print!



Ryan Morley <ryanm@pwgrosner.com>

Document Repository Request for NYS BCP - 204 4th Avenue, Brooklyn, NY

2 messages

Andrew Lockwood <andyl@pwgrosner.com>

Tue, May 14, 2019 at 10:39 AM

To: ty@bkcb6.org

Cc: Ryan Morley <ryanm@pwgrosner.com>

Ty,

PWGC is formally requesting permission to utilize Community Board 6 (CB6) as a document repository during the investigation and remediation of a property located at [204 4th Avenue, Brooklyn, NY](#). It is anticipated that over the course of the next 2-4 years, several documents (hard copies or electronic versions on CD) related to the environmental investigation and remediation of the property will be delivered to CB6. The proposed investigation and remediation will be done in coordination with New York State Department of Environmental Conservation input under the Brownfield Cleanup Program.

Upon delivery, it is requested that these documents be made available for public review if requested. Please respond if CB6 can be utilized as a document repository for this matter.

Thanks you and please contact me if you have any questions.

Andrew Lockwood, PG, LEP | Senior Vice President



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Please consider the environment - think before you print!

Ty Beatty <ty@bkcb6.org>

Thu, May 16, 2019 at 2:47 PM

To: Andrew Lockwood <andyl@pwgrosner.com>

Cc: Ryan Morley <ryanm@pwgrosner.com>

Hi Andrew

Thanks for the email, and thanks to Ryan for the follow-up phone call. We agree to be a document repository. Please just give us at least five business days notice for each delivery of documents.

Many thanks, and good luck on the project.

[Quoted text hidden]

--

Ty Beatty, *Assistant District Manager*

Brooklyn Community Board 6

250 Baltic Street, Brooklyn, NY 11201-6401

t. 718.643.3027, ext. 204 * f. 718.624.8410

w. www.BrooklynCB6.org

e. ty@bkcb6.org

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