New York State Department of Environmental Conservation
Brownfield Cleanup Program (BCP)

Brownfield Cleanup Application
For
1665 – 1673 Stillwell Avenue
Brooklyn, NY 11223
Block 6618; Lot 48

Prepared for:
Mr. Sai Truong
Refulgence LLC
8738 20th Avenue
Brooklyn, NY 11214

NYSDEC BCP Application Contact:
Meghan Medwid
NYS Dept. of Environmental Conservation, Region 2
625 Broadway, 11th Floor
Albany, NY 12233-7020
Phone: 518-402-9767
Email: meghan.medwid@dec.ny.gov

NYSDEC BCP Application Site Document Repository:

Brooklyn Public Library–Highlawn Branch
Contact: Danielle Shapiro, Managing Librarian
1664 West 13th Street, at Kings Highway
Brooklyn, NY 11223
718-234-7208

Brooklyn Community Board 11
William Guarinello, Chair
2214 Bath Avenue
Brooklyn, New York 11214
718-266-8800

Prepared by:

American Environmental Assessment & Solutions, Inc.
679 Lafayette Avenue, Brooklyn, NY 11216
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December 2020

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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 Refulgence LLC

ADDRESS 8738 20th Avenue

CITY/TOWN Brooklyn ZIP CODE 11214

PHONE 917-566-6913 | FAX 718-906-4090 | E-MAIL saitruong@yahoo.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**.

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.

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			X
Other VOCs		X	
SVOCs		X	
Metals	X		
Pesticides			
PCBs			
Other*			

***Please describe:** See attached document

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: Dairy, and store

Section IV. Property Information - See Instructions for Further Guidance

PROPOSED SITE NAME 1665 Stillwell Avenue

ADDRESS/LOCATION 1665 Stillwell Avenue

CITY/TOWN Brooklyn ZIP CODE 11223

MUNICIPALITY(IF MORE THAN ONE, LIST ALL): Borough of Brooklyn

COUNTY Kings SITE SIZE (ACRES) 0.184

LATITUDE (degrees/minutes/seconds)						LONGITUDE (degrees/minutes/seconds)					
40	°	36	'	20.02	"	73	°	59	'	12.06	"

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
1665 Stillwell Avenue, Brooklyn, NY 11223		6618	48	0.184

1. Do the proposed site boundaries correspond to tax map metes and bounds? ☑ Yes ☐ No
   If no, please attach an accurate map of the propsed site.

2. Is the required property map attached to the application? ☑ Yes ☐ No
   (application will not be processed without map)

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? ☐ Yes ☑ No
   If yes, attach relevant supporting documentation.

7. Are there any lands under water? ☐ Yes ☑ No
   If yes, these lands should be clearly delineated on the site map.

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
NA	

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

Type	Issuing Agency	Description
NA		

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: S T _____ _____ _____ _____ _____

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 Mr. Sai Truong; Refulgence LLC		
ADDRESS 8738 20th Avenue		
CITY/TOWN Brooklyn		ZIP CODE 11214
PHONE 917-566-6913	FAX 718-906-4090	E-MAIL saitroung@yahoo.com
NAME OF REQUESTOR'S CONSULTANT Antoinette Ollivierre; American Environmental Assessment & Solutions, Inc.		
ADDRESS 677 Lafayette Avenue		
CITY/TOWN Brooklyn		ZIP CODE 11216
PHONE 718-209-0653	FAX 718-906-4090	E-MAIL aollivierre@aeasinc.com
NAME OF REQUESTOR'S ATTORNEY Lawrence Schnapf; Schnapf LLC		
ADDRESS 55 E 87th Street, #8B		
CITY/TOWN New York		ZIP CODE 10128
PHONE 212-876-3189	FAX	E-MAIL Larry@Schnapflaw.com

Section VI. Current Property Owner/Operator Information – if not a Requestor		
CURRENT OWNER'S NAME Refulgence LLC		OWNERSHIP START DATE: 4/16/2014
ADDRESS 1665 Stillwell Avenue		
CITY/TOWN Brooklyn		ZIP CODE 11223
PHONE 917-566-6913	FAX 718-906-4090	E-MAIL saitroung@yahoo.com
CURRENT OPERATOR'S NAME Refulgence LLC		
ADDRESS 8738 20th Avenue		
CITY/TOWN Brooklyn		ZIP CODE 11214
PHONE 917-566-6913	FAX 718-906-4090	E-MAIL saitroung@yahoo.com

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? ☐ Yes ☑ No
   If yes, please provide: Site #_____ Class # _____
3. Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☑ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
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? R6B / C2-3

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

See attached Document

5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary. ☑ Yes ☐ No

See attached Document

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

See attached Document

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 President (title) of Refulgence 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: 1/31/20 Signature: _____

Print Name: Sai Truong

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.

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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(l) 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:

(l) "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: 1665 Stillwell Avenue **Site Address:** 1665 Stillwell Avenue
City: Brooklyn **County:** Kings **Zip:** 11223

Tax Block & Lot
Section (if applicable): **Block:** 6618 **Lot:** 48

Requestor Name: Refulgence LLC **Requestor Address:** 8738 20th Avenue
City: Brooklyn **Zip:** 11214 **Email:** saitruong@yahoo.com

Requestor's Representative (for billing purposes)
Name: Mr. Sai Truong; Refulgence LLC **Address:** 8738 20th Avenue
City: Brooklyn **Zip:** 11214 **Email:** saitroung@yahoo.com

Requestor's Attorney
Name: Lawrence Schnapf; Schnapf LLC **Address:** 55 E 87th Street, #8B
City: New York **Zip:** 10128 **Email:** Larry@Schnapflaw.com

Requestor's Consultant
Name: Antoinette Ollivierre; American Environmental Assessment & Solutions, Inc. **Address:** 677 Lafayette Avenue
City: Brooklyn **Zip:** 11216 **Email:** aollivierre@aeasinc.com

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:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM (BCP)
INSTRUCTIONS FOR COMPLETING A BCP APPLICATION

The New York State Department of Environmental Conservation (DEC) strongly encourages all applicants to schedule a pre-application meeting with DEC staff to review the benefits, requirements, and procedures for completing a project in the BCP. Contact your Regional office to schedule a meeting. To add a party to an existing BCP Agreement and/or Application, use the BCP Agreement Amendment Application. **See guidance at the end of these instructions regarding the determination of a complete application.**

SECTION I REQUESTOR INFORMATION

Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information. If an LLC, the members/owners names need to be provided on a separate attachment). The requestor is the person or entity seeking DEC review and approval of the remedial program.

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 in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the requestor is authorized to do business in NYS.

Address, etc.

Provide the requestor's mailing address, telephone number; fax number and e-mail address.

Document Certification

All documents, which are prepared in final form for submission to DEC for approval, are to be prepared and certified in accordance with Section 1.5 of DER-10. Persons preparing and certifying the various work plans and reports identified in Section 1.5 include:

- New York State licensed professional engineers (PEs), as defined at 6 NYCRR 375-1.2(aj) and paragraph 1.3(b)47. Engineering documents must be certified by a PE with current license and registration for work that was done by them or those under their direct supervision. The firm by which the PE is employed must also be authorized to practice engineering in New York State;
- qualified environmental professionals as defined at 6 NYCRR 375-1.2(ak) and DER-10 paragraph 1.3(b)49;
- remedial parties, as defined at 6 NYCRR 375-1.2(ao) and DER-10 paragraph 1.3(b)60; or
- site owners, which are the owners of the property comprising the site at the time of the certification.

SECTION II PROJECT DESCRIPTION

As a separate attachment, provide complete and detailed information about the project, including the purpose of the project, the date the remedial program is to start, and the date the Certificate of Completion is anticipated..

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SECTION III PROPERTY'S ENVIRONMENTAL HISTORY

Please follow instructions on application form.

SECTION IV PROPERTY INFORMATION

Proposed Site Name

Provide a name for the proposed site. The name could be an owner's name, current or historical operations (i.e. ABC Furniture) or the general location of the property. Consider whether the property is known by DEC by a particular name, and if so, use that name.

Site Address

Provide a street address, city/town, zip code, and each municipality and county in which the site is located. .

Site Size

Provide the approximate acreage of the site.

GIS Information

Provide the latitude and longitude for the approximate center of the property. Show the latitude and longitude in degrees, minutes and seconds.

Tax Parcel Information

Provide the tax parcel address/section/block/lot information and map. Tax map information may be obtained from the tax assessor's office for all tax parcels that are included in the property boundaries. Attach a county tax map with identifier numbers, along with any figures needed to show the location and boundaries of the property. Include a USGS 7.5 minute quad map on which the property appears and clearly indicate the proposed site's location.

1. Tax Map Boundaries

State whether the boundaries of the site correspond to the tax map boundaries. If no, a metes and bounds description of the property must be attached. The site boundary can occupy less than a tax lot or encompass portions of one or more tax lots and may be larger or smaller than the overall redevelopment/ reuse project area. A site survey with metes and bounds will be required to establish the site boundaries before the Certificate of Completion can be issued.

2. Map

Provide a property base map(s) of sufficient detail, clarity and accuracy to show the following: i*)* map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways; and ii*)* proposed brownfield property boundary lines, with adjacent property owners clearly identified.

SECTION IV (continued)

3. En-zone

Is any part of the property in an En-zone? If so, what percentage? For information on En-zones, please see DEC's website.

4. Multiple applications

Generally, only one application can be submitted, and one BCA executed, for a development project. In limited circumstances, the DEC may consider multiple applications/BCAs for a development project where 1) the development project spans more than 25 acres; 2) the approach does not negatively impact the remedial program, including timing, ability to appropriately address areas of concern, and management of off-site concerns; and 3) the approach is not advanced to increase the value of future tax credits (i.e., circumvent the tax credit caps provided under New York State Tax Law Section 21).

10. Property Description Narrative

Provide a property description in the format provided below. Each section should be no more than one paragraph long.

Location

Example: "The XYZ Site is located in an {urban, suburban, rural} area." {Add reference points if address is unspecific; e.g., "The site is approximately 3.5 miles east of the intersection of County Route 55 and Industrial Road."}

Site Features:

Example: "The main site features include several large abandoned buildings surrounded by former parking areas and roadways. About one quarter of the site area is wooded. Little Creek passes through the northwest corner."

Current Zoning and Land Use: (Ensure the current zoning is identified.)

Example: "The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is 0.3 miles east on Route 55."

Past Use of the Site: include source(s) of contamination and remedial measures (site characterizations, investigations, Interim Remedial Measures, etc.) completed outside of the current remedial program (e.g., work under a petroleum spill incident).

Example: "Until 1992 the site was used for manufacturing wire and wire products (e.g., conduit, insulators) and warehousing. Prior uses that appear to have led to site contamination include metal plating, machining, disposal in a one-acre landfill north of Building 7, and releases of wastewater into a series of dry wells."

When describing the investigations/actions performed outside of the remedial program, include the major chronological remedial events that lead to the site entering a remedial program. The history should include the first involvement by government to address hazardous waste/petroleum disposal. Do not cite reports. Only include remedial activities which were implemented PRIOR to the BCA. Do not describe sampling information.

SECTION IV (continued)

Property Description Narrative (continued)

Site Geology and Hydrogeology:

As appropriate, provide a very brief summary of the main hydrogeological features of the site including depth to water, groundwater flow direction, etc.

Environmental Assessment

The goal of this section is to describe the nature and extent of contamination at the site. When describing the nature of contamination, identify just the primary contaminants of concern (i.e., those that will likely drive remedial decisions/ actions). If there are many contaminants present within a group of contaminants (i.e., volatile organic compounds, semivolatile organic compounds, metals), identify the group(s) and one or two representative contaminants within the group. When addressing the extent of contamination, identify the areas of concern at the site, contaminated media (i.e., soil, groundwater, etc.), relative concentration levels, and a broad-brush description of contaminated areas/depths.

The reader should be able to know if contamination is widespread or limited and if concentrations are marginally or greatly above Standards, Criteria and Guidance (SGCs) for the primary contaminants. If the extent is described qualitatively (e.g., low, medium, high), representative concentrations should be given and compared with appropriate SCGs. For soil contamination, the concentrations should be compared with the soil cleanup objectives (SCOs) for the intended use of the site.

A typical Environmental Assessment would look like the following:

Based upon investigations conducted to date, the primary contaminants of concern for the site include cadmium and trichloroethene (TCE).
Soil - Cadmium is found in shallow soil, mostly near a dry well at the northeast end of the property. TCE is found in deeper soil, predominantly at the north end of the site. Concentrations of cadmium found on site (approximately 5 ppm) slightly exceed the soil cleanup objective (SCO) for unrestricted use (2.5 ppm). Concentrations of TCE found on site (5 ppm to 300 ppm) significantly exceed the soil cleanup objectives for the protection of groundwater (0.47 ppm).
Groundwater - TCE and its associated degradation products are also found in groundwater at the north end of the site, moderately exceeding groundwater standards (typically 5 ppb), with a maximum concentration of 1500 ppb. A moderate amount of TCE from the site has migrated 300 feet down-gradient off-site. The primary contaminant of concern for the off-site area is TCE, which is present at a maximum concentration of 500 ppb, at 10 feet below the groundwater table near Avenue A.
Soil Vapor & Indoor Air - TCE was detected in soil vapor at elevated concentrations and was also detected in indoor air at concentrations up to 1,000 micrograms per cubic meter.

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

SECTION V ADDITIONAL REQUESTOR INFORMATION

Representative Name, Address, etc.

Provide information for the requestor's authorized representative. This is the person to whom all correspondence, notices, etc. will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative of Applications determined to be Participants unless another contact name and address is provided with the application.

Consultant and Attorney Name, Address, etc.

Provide requested information.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SECTION VI CURRENT PROPERTY OWNER/OPERATOR INFORMATION (IF NOT A REQUESTOR)

Owner Name, Address, etc.

Provide requested information of the current owner of the property. List all parties holding an interest in the Property and, if the Requestor is not the current owner, describe the Requestor's relationship to the current owner.

Operator Name, Address, etc.

Provide requested information of the current operator (if different from the requestor or owner).

Provide a list of previous property owners and operators with names, last known addresses, telephone numbers and the Requestor's relationship to each owner and operator as a separate attachment

SECTION VII REQUESTOR ELIGIBILITY INFORMATION

As a separate attachment, provide complete and detailed information in response to any eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that such information be summarized. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

SECTION VIII PROPERTY ELIGIBILITY INFORMATION

As a separate attachment, provide complete and detailed information in response to the following eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that that information be summarized.

1. CERCLA / NPL Listing

Has any portion of the property ever been listed on the National Priorities List (NPL) established under CERCLA? If so, provide relevant information.

2. Registry Listing

Has any portion of the property ever been listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites established under ECL 27-1305? If so, please provide the site number and classification. See the Division of Environmental Remediation (DER) website for a database of sites with classifications.

3. RCRA Listing

Does the property have a Resource Conservation and Recovery Act (RCRA) TSDF Permit in accordance with the ECL 27-0900 *et seq*? If so, please provide the EPA Identification Number, the date the permit was issued, and its expiration date. Note: for purposes of this application, interim status facilities are not deemed to be subject to a RCRA permit.

4. Registry / RCRA sites owned by volunteers

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.

SECTION VIII (continued)

5. Existing Order

Is the property subject to an order for cleanup under Article 12 of the Navigation Law or Article 17 Title 10 of the ECL? If so, please provide information on an attachment. Note: if the property is subject to a stipulation agreement, relevant information should be provided; however, property will not be deemed ineligible solely on the basis of the stipulation agreement.

6. Enforcement Action Pending

Is the property subject to an enforcement action under Article 27, Titles 7 or 9 of the ECL or subject to any other ongoing state or federal enforcement action related to the contamination which is at or emanating from the property? If so, please provide information on an attachment.

SECTION IX CONTACT LIST INFORMATION

Provide the names and addresses of the parties on the Site Contact List (SCL) and a letter from the repository acknowledging agreement to act as the document repository for the proposed BCP project.

SECTION X LAND USE FACTORS

In addition to eligibility information, site history, and environmental data/reports, the application requires information regarding the current, intended and reasonably anticipated future land use.

1. This information consists of responses to the “land use” factors to be considered relative to the “Land Use” section of the BCP application. The information will be used to determine the appropriate land use in conjunction with the investigation data provided, in order to establish eligibility for the site based on the definition of a “brownfield site” pursuant to ECL 27-1405(2).

2. This land use information will be used by DEC, in addition to all other relevant information provided, to determine whether the proposed use is consistent with the currently identified, intended and reasonably anticipated future land use of the site at this stage. Further, this land use finding is subject to information regarding contamination at the site or other information which could result in the need for a change in this determination being borne out during the remedial investigation.

SECTION XI SIGNATURE PAGE

The Requestor must sign the application, or designate a representative who can sign. The requestor’s consultant or attorney cannot sign the application. If there are multiple parties applying, then each must sign a signature page. 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 entity’s name must appear exactly as given in the NYS Department of State's Corporation & Business Entity Database.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DETERMINATION OF A COMPLETE APPLICATION

1. The first step in the application review and approval process is an evaluation to determine if the application is complete. To help ensure that the application is determined complete, requestors should review the list of common application deficiencies and carefully read these instructions.

2. DEC will send a notification to the requestor within 30 calendar days of receiving the application, indicating whether such application is complete or incomplete.

3. An application must include the following information relative to the site identified by the application, necessary for making an eligibility determination, or it will be deemed incomplete. (**Please note:** the application *as a whole* requires more than the information outlined below to be determined complete). The application must include:

    a. for all sites, an investigation report sufficient to demonstrate the site requires remediation in order to meet the requirements of the program, and that the site is a brownfield site at which contaminants are present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. Required data includes site drawings requested in Section III, #3 of the BCP application form.

    b. for those sites described below, documentation relative to the volunteer status of all requestors, as well as information on previous owners or operators that may be considered responsible parties **and** their ability to fund remediation of the site. This documentation is required for:

        i. real property listed in the registry of inactive hazardous waste disposal sites as a class 2 site, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP; or

        ii. real property that was a hazardous waste treatment, storage or disposal facility having interim status pursuant to the Resource Conservation and Recovery Act (RCRA) program, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP.

    c. for sites located within the five counties comprising New York City, in addition to (a) and if applicable (b) above, if the application is seeking a determination that the site is eligible for tangible property tax credits, sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a). **If this 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, using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.**

    d. for sites previously remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law, relevant documentation of this remediation.

DETERMINATION OF A COMPLETE APPLICATION (continued)

4. If the application is found to be incomplete:

    a. the requestor will be notified via email or phone call regarding minor deficiencies. The requestor must submit information correcting the deficiency to DEC within the 30-day review time frame; or

    b. the requestor will receive a formal Letter of Incomplete Application (LOI) if an application is substantially deficient, if the information needed to make an eligibility determination identified in #4 above is missing or found to be incomplete, or if a response to a minor deficiency is not received within the 30-day period. The LOI will detail all of the missing information and request submission of the information. If the information is not submitted within 30 days from the date of the LOI, the application will be deemed withdrawn. In this case, the requestor may resubmit the application without prejudice.

5. If the application is determined to be complete, DEC will send a Letter of Complete Application (LOC) that includes the dates of the public comment period. The LOC will:

    a. include an approved public notice to be sent to all parties on the Contact List included with the application;

    b. provide instructions for publishing the public notice in the newspaper on the date specified in the letter, and instructions for mailing the notice to the Contact List;

    c. identify the need for a certification of mailing form to be returned to DEC along with proof of publication documentation; and

    d. specify the deadline for publication of the newspaper notice, which must coincide with, or occur before, the date of publication in the Environmental Notice Bulletin (ENB).

        i. DEC will send a notice of the application to the ENB. As the ENB is only published on Wednesdays, DEC must submit the notice by the Wednesday before it is to appear in the ENB.

        ii. The mailing to parties on the Contact List must be completed no later than the Tuesday prior to ENB publication. If the mailings, newspaper notice and ENB notice are not completed within the time-frames established by the LOC, the public comment period on the application will be extended to insure that there will be the required comment period.

        iii. Marketing literature or brochures are prohibited from being included in mailings to the Contact List.

Attachment A

Section I: *Requestor Information*

SECTION I: REQUESTOR INFORMATION

The Requestor, Refulgence LLC, a New York State Limited Liability company, is the developer of the proposed Brownfield Cleanup Program (BCP) property identified as Block 6618; Lot 48 (the Site). A copy of the entity information for Refulgence LLC (Requestor) from the New York State Department of State Division of Corporations is included with this attachment.

The Requestor is also the property owner and has full access to investigate, remediate and develop the property. The property deed for the Site (Tax Block 6618; Lot 48) is included with this attachment.

The primary member of Refulgence LLC is Mr. Sai Truong. The officers of Refulgence LLC are:

- Sai Truong
- Ken Truong
- Lan Truong
- Gold Truong
- Phuong Tu Vuu

The Requestor do not have, nor ever had a relationship with the past owners or operators of the Site that cause the existing contamination.

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through January 23, 2020.

Selected Entity Name: REFULGENCE LLC

Selected Entity Status Information

Current Entity Name:	REFULGENCE LLC
DOS ID #	4554509
Initial DOS Filing Date:	APRIL 01, 2014
County	LBANY
Jurisdiction	EW YORK
Entity Type	OMESTIC 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)

ALLSTATE CORPORATE SERVICES CORP.
99 WASHINGTON AVE, SUITE 1008
ALBANY, NEW YORK, 12260

Registered Agent

ALLSTATE CORPORATE SERVICES CORP.
99 WASHINGTON AVE, SUITE 1008
ALBANY, NEW YORK, 12260

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
o Information Available		

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	ntity Name
APR 01, 2014	Actua	EFULGENCE 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.

Search Results New Search

Services/Programs | Privacy Policy | Accessibility Policy | Disclaimer | Return to DOS Homepage | Contact Us

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2014041001065001001EBFBE

RECORDING AND ENDORSEMENT COVER PAGE

Document ID: 2014041001065001 Document Date: 04-07-2014 Preparation Date: 04-10-2014
Document Type: DEED
Document Page Count: 4

PRESENTER:
RIDGE ABSTRACT CORP. LD) PICK UP
1967 MCDONALD AVENUE
BROOKLYN, NY 11223
718-338-0065
RA11223@AOL.COM

RETURN TO:
HAROLD GRUBER, ESQ.
92 PROSPECT PLACE
BROOKLYN, NY 11217
898-KZ-02393

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	6618	48	Entire Lot	1665 STILLWELL AVENUE

Property Type: RETAIL BUILDING

CROSS REFERENCE DATA

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

PARTIES

GRANTOR/SELLER:
1665 STILLWELL AVENUE FAMILY REALTY CORP.
2715 WEST 15TH STREET
BROOKLYN, NY 11224

GRANTEE/BUYER:
REFULGENCE LLC
8730 20TH AVENUE
BROOKLYN, NY 11214

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	51,187.50
NYS Real Estate Transfer Tax:	$	7,800.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 04-16-2014 10:43
City Register File No.(CRFN): **2014000129525**

City Register Official Signature

BARGAIN AND SALE DEED

THIS INDENTURE, made April 7 , 2014 between 1665 Stillwell Avenue Family Realty Corp., having an address at 2715 West 15th Street, Brooklyn, NY 11224 (hereinafter referred to as "Grantor"), and Refulgence, LLC., having an address at 8730 20th Avenue, Brooklyn ,NY 11214 (collectively hereinafter referred to as "Grantee").

WITNESSETH, that Grantor, in consideration of Ten Dollars and other valuable consideration, the receipt and sufficiency of which hereby are acknowledged, does hereby grant and release unto Grantees and their heirs, executors, administrators, successors and assigns forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in Staten Island, the County of Richmond, and the State of New York, being more particularly described in Exhibit A attached hereto and made a part hereof,

TOGETHER with all right, title and interest, if any, of Grantor in and to any streets and roads abutting said premises to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of Grantor in and to said premises,

BEING the same premises conveyed to grantor herein by deed dated 02/28/1978 and recorded in the office of the Kings County Clerk on 03/07/1978 in Reel 979 Page 1813 and known by the street address as 1665 Stillwell Avenue, Brooklyn, NY 11223

TO HAVE AND TO HOLD the premises herein granted unto Grantees and their heirs, executors, administrators, successors and assigns forever.

Grantor is the owner of said premises. Said premises is not located in an agricultural district.

Grantor covenants that Grantor has not done or suffered anything whereby said premises have been encumbered in any way whatever, except as set forth herein.

Grantor, in compliance with Section 13 of the Lien Law, covenants that she will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement before using any part of the total of the same for any other purpose.

IN WITNESS WHEREOF, Grantor has duly executed this deed on the date first above written.

Louis Russo

LOUIS RUSSO, PRESIDENT

IN THE PRESENCE OF:

Schedule A Description

SECTION 20 BLOCK 6618 LOT 48 ON THE TAX MAP OF KINGS COUNTY

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

BEGINNING at a point on the easterly side of Stillwell Avenue distant northerly 80 feet from the corner formed by the intersection of the easterly side of Stillwell Avenue with the northerly side of Quentin Road;

THENCE northerly along the easterly side of Stillwell Avenue 80 feet;

THENCE easterly parallel with Quentin Road 100 feet;

THENCE southerly parallel with Stillwell Avenue 80 feet;

THENCE westerly parallel with Quentin Road 100 feet to the easterly side of Stillwell Avenue at the point or place of BEGINNING.

To be used only when the acknowledgment is made in New York State

STATE OF NEW YORK, COUNTY OF KINGS, ss

On the 7 day April in the year 2014, before me, the undersigned, a notary public in and for said State, personally appeared ***Louis Russo***, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

(signature and office of individual taking acknowledgment)

ROBERT MISTRETTA
NOTARY PUBLIC, State of New York
Qualified in [redacted] KINGS COUNTY
I.D. Number 01MI4779039
Commission Expires Aug. 31, 2017

SEAL

898-KZ-02393

BARGAIN AND SALE DEED

Dated April 7, 2014

from

1665 Stillwell Avenue Family Realty Corp.

as Grantor

to

Refulgence, LLC.

as Grantee

Street Address:
1665 Stillwell Avenue
Brooklyn, NY

TITLE NO. 898-KZ-02393
Title CO: Ridge Abstract Corp.

County: Kings
Section:
Block: 6618
Lot: 48

Record and return to:

~~Thomas P. Anselmo, Esq.~~
~~23 Shepard Avenue~~
~~Staten Island, NY 10314~~

HAROLD L GRUBER, ESQ
92 PROSPECT PL.
BROOKLYN, NY 11217

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2014041001065001001S713F

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2014041001065001 Document Date: 04-07-2014 Preparation Date: 04-10-2014
Document Type: DEED

ASSOCIATED TAX FORM ID: 2014041000368

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	2

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page | | |

C5. CRFN |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 1665 (STREET NUMBER) | STILLWELL AVENUE (STREET NAME) | BROOKLYN (BOROUGH) | 11223 (ZIP CODE)

2. Buyer Name: REFULGENCE, LLC. (LAST NAME / COMPANY) | (FIRST NAME)

CITY REGISTER

(LAST NAME / COMPANY) | (FIRST NAME)

APR 14 '14

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) | (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

5. Deed Property Size: 80 (FRONT FEET) X 100 (DEPTH) OR (ACRES)

8. Seller Name: 1665 STILLWELL AVENUE FAMILY REALTY CORP. (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☑ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☐ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 3 / 5 / 2014 (Month Day Year)

11. Date of Sale / Transfer: 4 / 7 / 2014 (Month Day Year)

12. Full Sale Price $: 1,950,000

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale: 0

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type not Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: K 1

16. Total Assessed Value (of all parcels in transfer): 188,750

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s)):

BROOKLYN 6618 48

20140325001792O103

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER				BUYER'S ATTORNEY	
BUYER SIGNATURE		4/7/14 DATE		CRUBOR LAST NAME	HAROLD FIRST NAME
8730 20TH AVENUE				718 AREA CODE	788-7722 TELEPHONE NUMBER
STREET NUMBER	STREET NAME (AFTER SALE)			SELLER	
BROOKLYN	NY	11214		Louis Russo SELLER SIGNATURE	4/7/14 DATE
CITY OR TOWN	STATE	ZIP CODE			

2014032500179201

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 1665 (STREET NUMBER) | STILLWELL AVENUE (STREET NAME) | BROOKLYN (BOROUGH) | 11223 (ZIP CODE)

2. Buyer Name: REFULGENCE LLC (LAST NAME / COMPANY) | (FIRST NAME) | CITY REGISTER

(LAST NAME / COMPANY) | (FIRST NAME) | APR 14 '14

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)

(LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: 80 (FRONT FEET) X 100 (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: 1665 STILLWELL AVENUE FAMILY REALTY CORP. (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☑ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☐ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 3 / 5 / 2014 (Month Day Year)

11. Date of Sale / Transfer: 4 / 7 / 2014 (Month Day Year)

12. Full Sale Price $ 1,950,000

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: K1

16. Total Assessed Value (of all parcels in transfer): 188,750

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BROOKLYN 6618 48

2014041000368201O1

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

BUYER SIGNATURE | DATE

8730 20TH AVENUE

STREET NUMBER | STREET NAME (AFTER SALE)

BROOKLYN | NY | 11214

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

SELLER SIGNATURE | DATE

2014041000368201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: BROOKLYN** **BLOCK: 6618** **LOT: 48**

(2) **Property Address: 1665 STILLWELL AVENUE, BROOKLYN, NY 11223**

(3) **Owner's Name:** **REFULGENCE, LLC.**

Additional Name:

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: _____ Date (mm/dd/yyyy) 4/07/2014

Name and Title of Person Signing for Owner, if applicable:

BCS-7CRF-ACRIS REV. 8/08

2014032500179101

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

www.nyc.gov/dep

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

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Additional Name:

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Print Name of Owner:

Signature: _____ Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

Search Results By Parcel Identifier

Date & Time: 4/24/2019 9:02:16 PM

Page: 1 of 2 **Records:** 1-17

Current Search Criteria:

Borough BROOKLYN / KINGS
Block 6618
Lot 48 **Unit:** N/A
Date Range: To Current Date
Document Class:

Reel/Page File	CRFN	Lot	Partial Lot	Doc Date	Recorded / Filed	Document Type	Pages	Party 1	Party 2	Party 3/ Other	More 1 or 2	Corr. Rem.	Doc Amount
	2019000118852	48	P	4/9/2019	4/15/2019 9: 38:46 AM	UCC3 TERMINATION	3	DA LUIGI REALTY CORP.	CROSS RIVER BANK		X		0
	2019000118823	48	E	3/7/2019	4/15/2019 9: 28:23 AM	SATISFACTION OF MORTGAGE	5	DA LUIGI REALTY CORP.	CROSS RIVER BANK		X		0
	2019000108401	48	E	3/19/2019	4/4/2019 4: 17:49 PM	CERTIFICATE	4	KCT ABSTRACT LLC					0
	2019000108400	48	E	3/19/2019	4/4/2019 4: 17:48 PM	ZONING LOT DESCRIPTION	4	REFULGENCE, LLC					0
	2016000258838	48	P	7/27/2016	7/28/2016 11: 42:02 AM	UCC3 CONTINUATION	3	DA LUIGI REALTY CORP.	CROSS RIVER BANK		X		0
	2014000129525	48	E	4/7/2014	4/16/2014 10: 43:08 AM	DEED	5	1665 STILLWELL AVENUE FAMILY REALTY CORP.	REFULGENCE LLC				1,950,000
	2011000413004	48	P	11/17/2011	11/28/2011 1: 33:13 PM	INITIAL UCC1	4	DA LUIGI REALTY CORP.	CROSS RIVER BANK		X		0
	2009000091534	48	E	3/24/2009	3/30/2009 2: 37:01 PM	MORTGAGE	26	DA LUIGI REALTY CORP.	CROSS RIVER BANK		X		1,153,750
	2007000161722	48	P	3/28/2007	3/29/2007 9: 48:47 AM	INITIAL UCC1	2	IDEAL GARMENT CARE CORP.	STILLWELL CLEANERS, M.S., INC.				0
979/1822		48	E	3/7/1978	3/7/1978	ASSIGNMENT, MORTGAGE	2	GRANDVIEW DAIRY INC	VILLA NAPLES RESTAURANT INC				0
979/1818		48	E	3/7/1978	3/7/1978	SUNDRY AGREEMENT	4	VILLA NAPLES RESTAURANT INC			X		0
979/1814		48	E	3/7/1978	3/7/1978	MORTGAGE	4	1665 STILLWELL AVE FAMILY REALTY CORP	STILLWELL DAIRY INC				0
979/1812		48	E	3/7/1978	3/7/1978	DEED	2	STILLWELL DAIRY INC	1665 STILLWELL AVE FAMILY REALTY CORP				0
619/302		48	E	3/12/1973	3/12/1973	DEED	2	GRANDVIEW DAIRY INC	STILLWELL DAIRY INC				0

Search Results By Parcel Identifier

Date & Time:

Reel/Page File	CRFN	Lot	Partial Lot	Doc Date	Recorded / Filed	Document Type	Pages	Party 1	Party 2	Party 3/ Other	More 1 or 2	Corr. Rem.	Doc Amount
619/297		48	E	3/12/1973	3/12/1973	MORTGAGE	5	STILLWELL DAIRY INC	GRANDVIEW DAIRY INC				0
129/442		48	E	5/12/1966	5/12/1966	MORTGAGE	6	CHARJO REALTY CO INC	BUSHWICK SAVS BANK				0
129/39		48	E	5/12/1966	5/12/1966	DEED	2	GRANDVIEW DAIRY INC	CHARJO REALTY CO INC				0

Attachment B

Section II: *Project Description*

SECTION II: PROJECT DESCRIPTION

The Site proposed for entry into the Brownfield Cleanup Program (BCP) is identified as an 8,000 square feet (0.184-acre) in area rectangular-shaped lot (Block 6618; Lot 48), containing an existing vacant one story commercial building and paved parking, with address listed as 1665 Stillwell Avenue, Brooklyn, NY (Figure 1). The lot is located on the eastern side of Stillwell Avenue between Kings Highway to the north and Quentin Road to the south. The Site is enclosed by a one story building (Brooklyn Public Library) and a two story mixed-use building to the east, by a one story commercial building (garage) to the north, by a 2.5 story residential building to the south, and Stillwell Avenue to the west (Figure 2).

The Site is currently vacant pending demolition of the existing building for redevelopment of the property. The property is zoned as R6B; Residential District. The occupancy code with the New York City Department of Finance for the Subject Property is listed as K1; Store Building. The Little "E" Restriction for the Subject Property is listed as "***Hazmat***". The E-Designation for Hazardous Materials (E-145) was placed on the Subject Property by the New York City Department of City Planning (DCP) as part of the 07/27/2005, Bensonhurst Rezoning (CEQR 05DCP055K).

The Purpose and Scope of the Project

The purpose of the project is to remediate subsurface contaminants and redevelop the lot for residential and commercial purpose. The proposed redevelopment consists of the construction of a five story mixed-use building with a cellar. The building foundation will be at the depth of 10 feet, 4-inches. The footprint of the building upon completion will be approximately 4,030 square feet, and will cover 65 percent of the Site. The cellar of the building will contain the electric room, refuse room, bicycle parking, elevator, gas

and sprinkler room, common areas. The building will contain sixteen units for residential use and retail usage on the first floor.

The eastern portion of the Subject Property will be a rear yard containing eight parking spaces. A driveway will be constructed on the southern part of the Site, providing access to the rear yard.

The proposed project activities will include:

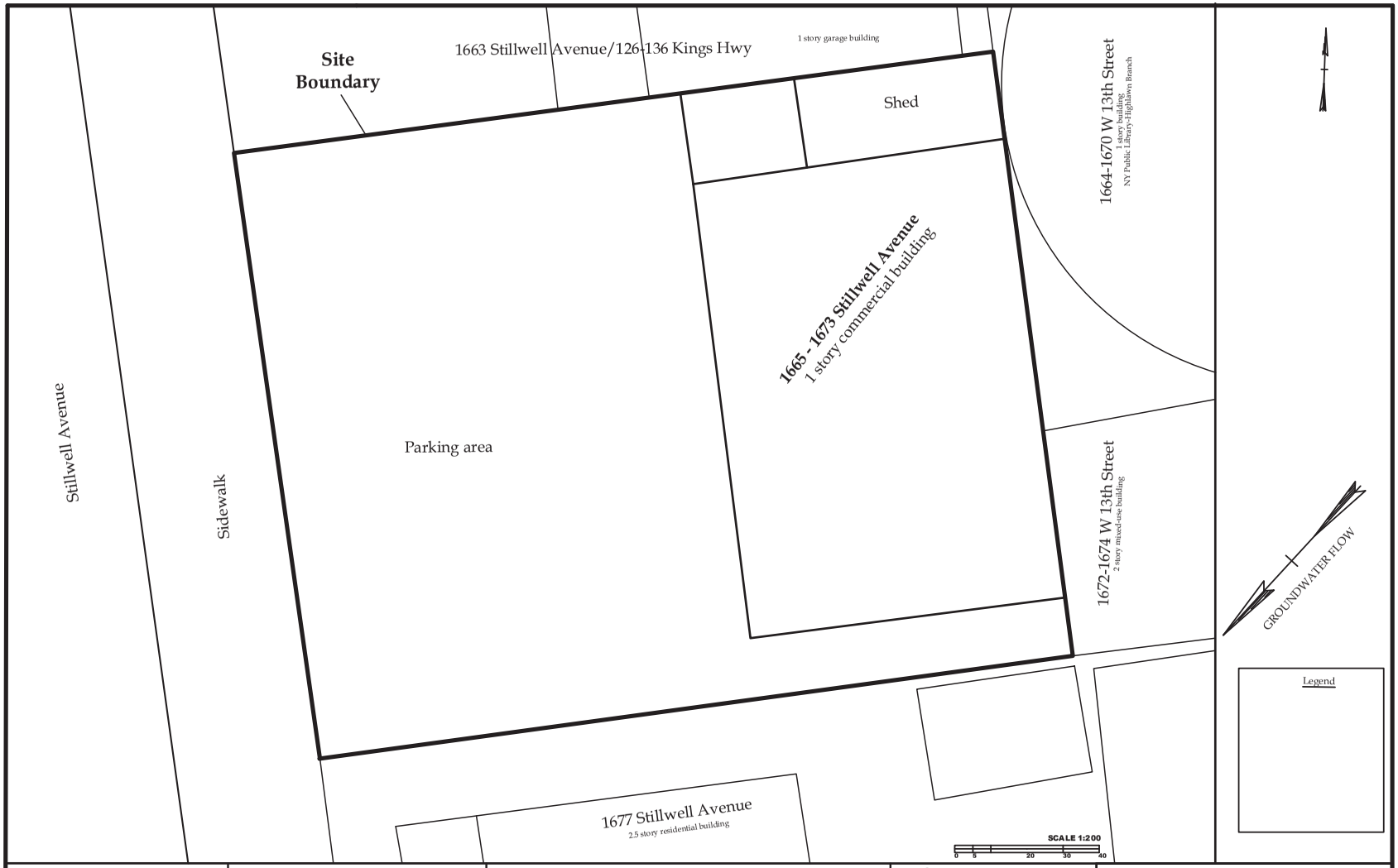
- Demolition of the existing one story building and paved parking lot;
- Excavation and off-site disposal of contaminated soil;
- Implementation of remedial efforts as required, simultaneously with redevelopment of the property.

Estimated Project Schedule

Action	2020						2021					
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct
Submit BCP Application					■							
Submit RIWP & RAWP					■							
45-day Public notification/comment period					■	■						
Begin building demolition						■	■					
Begin construction & remedial action							■	■				
Submit final engineering report									■			
Certificate of completion									■	■		
Completion of building									■	■	■	

FIGURES

1. SITE MAP
2. SITE LOCATION MAP
3. SITE SURVEY



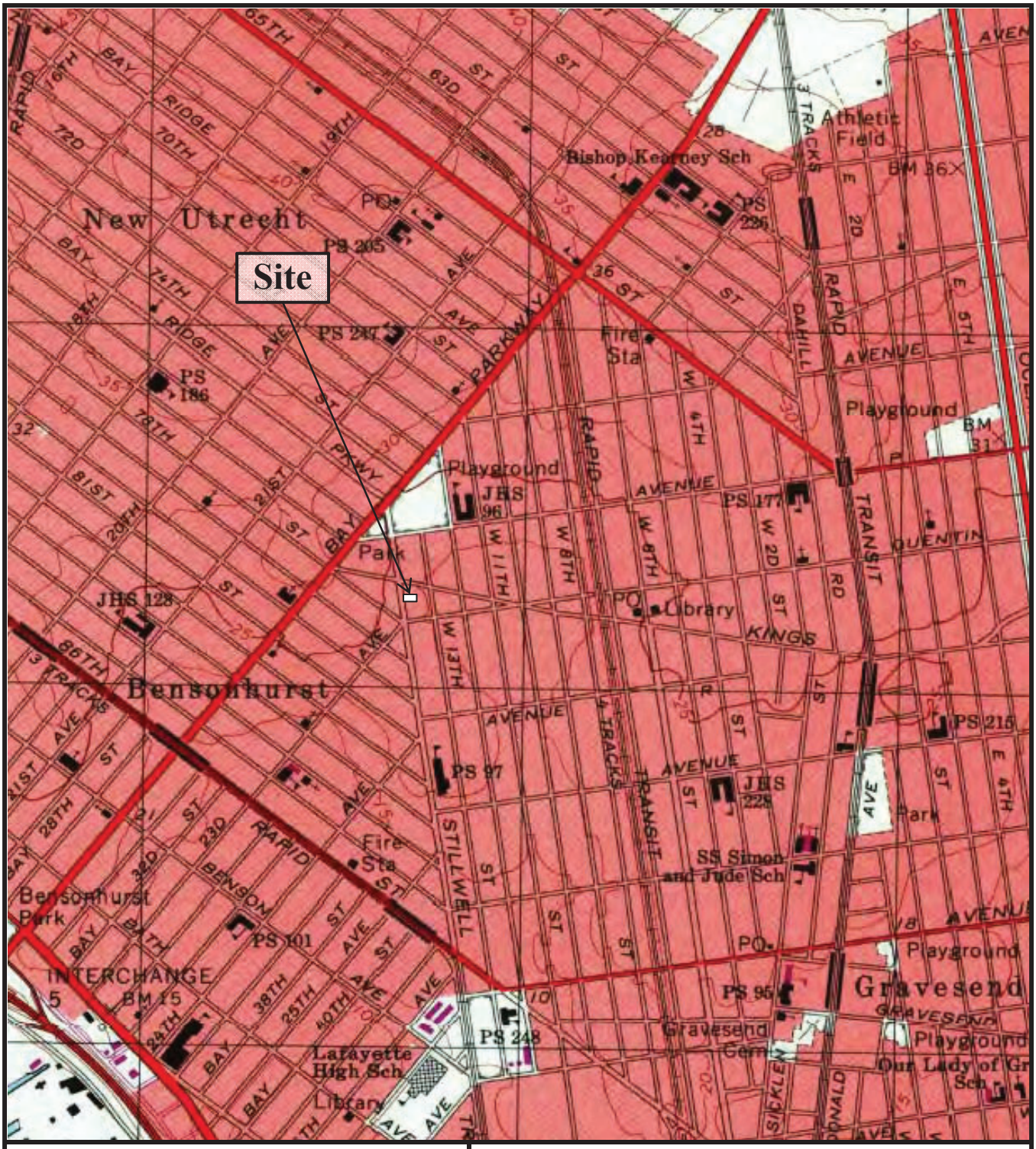
American Environmental Assessment & Solutions, Inc.
PO Box 6376
North Babylon, NY 1170.3
679 Lafayette Avenue, 3rd Floor
Brooklyn, New York 11216
Phone: (718) 209-0653 Fax: (718) 906-4090
www.AEASinc.com

1665-1673 Stillwell Avenue
Brooklyn, NY 11223

Source: Field Notes

Sheet Title: FIGURE 1 Site Map

D-I=:	/16/21
DR I #:	1
PROJ NO:	1 –I
DR- ':	-
APP'D BY:	DBO
SC =:	:200



American
Environmental Assessment & Solutions, Inc.

USGS Topographic Map
7.5 Minute Series, Central Park, NY
Quadrangle, dated 2013

N

SITE LOCATION MAP

Site Name: STILLWELL AVENUE

Address: 1665 – 1673 Stillwell Avenue
Brooklyn, NY 11223

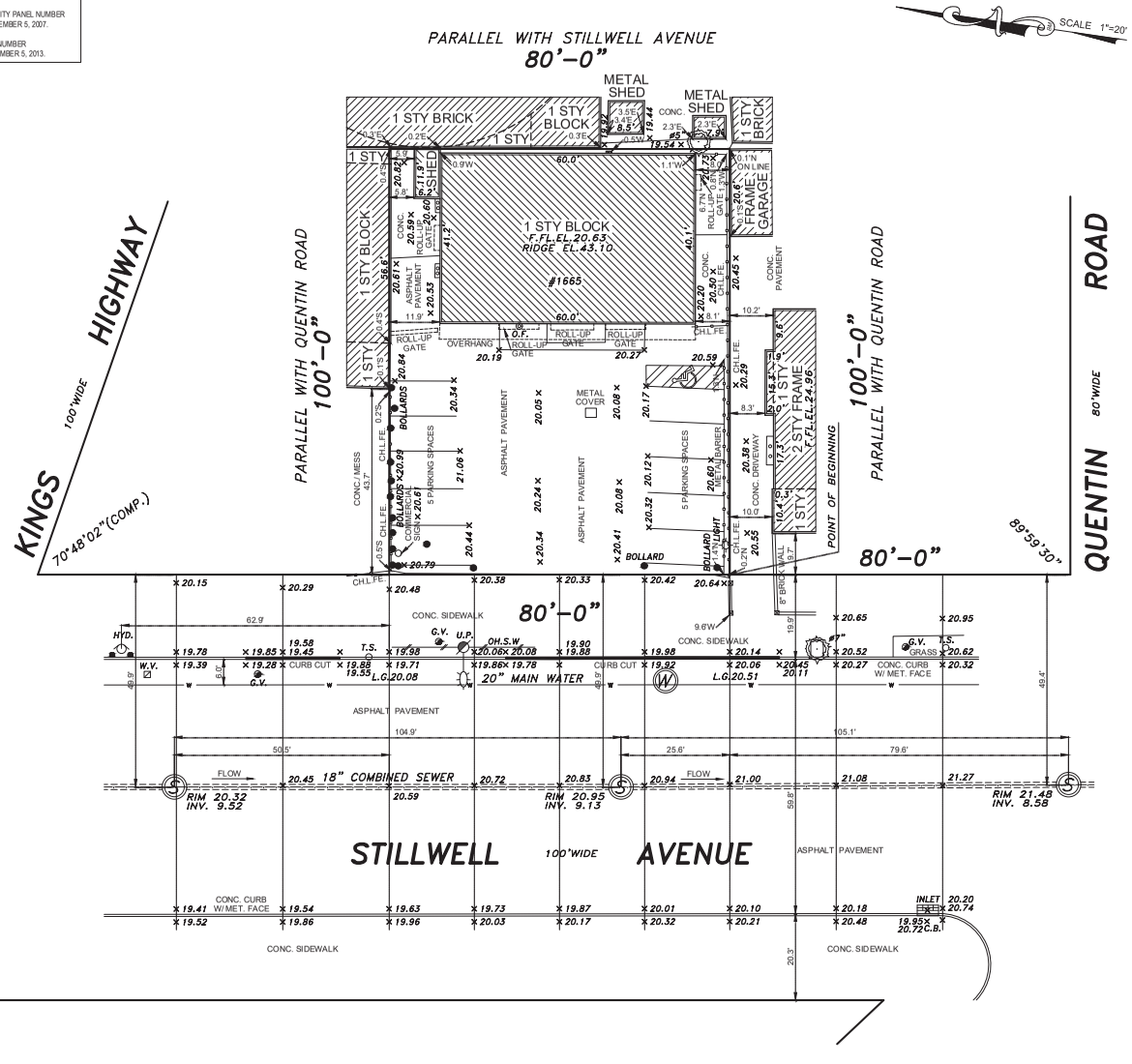
Project No.: 19-0115-I

JOB NO. B 6618-48-TO

SURVEYED ON: SEPTEMBER 19, 2018

FLOOD NOTE

BY GRAPHIC PLOTTING ONLY, SUBJECT PROPERTY IS LOCATED IN
ZONE X (AREA OF NO FLOODING)
AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR COMMUNITY PANEL NUMBER
360 497 0351 F WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER 5, 2007.
ZONE X (AREA OF NO FLOODING)
AS SHOWN ON THE PRELIMINARY FEMA MAP PANEL NUMBER
360 497 0351 G WHICH BEARS A REVISED DATE OF DECEMBER 5, 2013.



LOT AREA = 8000.00 sq.ft. = 0.1836 acre

GRAPHIC SCALE

ALL WRITTEN MEASUREMENTS AND OFFSETS NOTED ON THIS SURVEY SUPERSEDE MEASUREMENTS SCALED OF THIS PLOT.

SCALE 1:20

0 5 10 15 20 25 30 35 40 45 50 100

SYMBOLS AND ABBREVIATIONS

FENCE — CHAIN LINK — WOOD
UTILITY POLE — U.P.
PARKING METER — P.M.
OIL FILL — O.F.
MONITORING WELL — M.W.
TRAFFIC LIGHT — T.L.
LIGHT
STREET LIGHT — L.P.
FIRE HYDRANT — HYD.
SIAMESE CONNECTION — SZ SPR.
SHUT OFF VALVE — G.V. — G.V. — W.V.
HANDICAPPED PARKING
EXISTING TREE — #13"
DRAINS — DR.
ROOF OVER — R.O.
EXISTING ELEVATIONS — ×45.15 TOP OF CURB; ×43.78 BOTTOM OF CURB
CITY ESTABLISHED GRADES — L.G.7.52
CURBS AND CURB CUT — CURB CUT
OVERHEAD SERVICE — OH.S.W.
CABLE TV MANHOLE — CTV
MANHOLES — M. — E. — T. — W. — S. — INV. EL. INV.EL.
CATCH BASIN — C.B.
FIRE ESCAPE — F.E.
PLATFORM — PL. or PL.TF.
BASEMENT ENTRANCE — B.E.
CELLAR ENTRANCE — C.E.
AIR WAY — A.W.
BAY WINDOW — B.W.
CONCRETE — CONC.
OVERHANG — O.H.
AIR CONDITION — AC
METAL — MET.
NORTH OF PROPERTY LINE — N
SOUTH OF PROPERTY LINE — S

GENERAL NOTES

SUBSURFACE UTILITIES ARE NOT GUARANTEED BY SURVEYOR. HIGH CAUTION RECOMMENDED AND VERIFICATION WITH PROPER CITY AGENCIES, IS MANDATORY BEFORE COMMENCING ALL NEW WORK.

ALL SUBSURFACE AND OVERHEAD UTILITIES (AS TO SIZE, TYPE AND DEPTH) SHOWN ON THIS SURVEY ARE TAKEN FROM RECORDS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES, UNLESS OTHERWISE NOTED AND SHOWN.

COVER OR DEPTH OF UTILITIES WHICH DERIVED FROM FIELD MEASUREMENTS SHOWN ON THIS SURVEY SHOULD BE VERIFIED WITH PROPER AGENCY PRIOR TO CONSTRUCTION OF PROJECT. INVERT ELEVATIONS ARE DERIVED FROM CITY AGENCY RECORDS WHEN NOT AVAILABLE BY FIELD SURVEY AND NOTED AS PER RECORD ON THE SURVEY.

ALL SUBSURFACE UTILITY AS TO LOCATION AND DEPTH, SHOULD BE RECHECKED AND LEGAL GRADES SHOULD BE VERIFIED WITH THE TOPOGRAPHICAL BUREAU, PREFERABLY IN WRITING BEFORE COMMENCING CONSTRUCTION.

THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES ON THE SURVEYED PROPERTY EXCEPT AS SHOWN AND/OR DESCRIBED ON THIS SURVEY.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO.36) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA.

ALL ELEVATIONS SHOWN REFER TO THE NAVD 1988 DATUM. TO OBTAIN:
- NGVD 1929 DATUM - ADD 1.088 FEET
- BROOKLYN BOROUGH DATUM - SUBTRACT 1.447 FEET

EASEMENTS IF ANY ARE NOT SHOWN ON THIS SURVEY. NO INFORMATION PROVIDED TO SURVEYOR AT THIS TIME.

UNDERGROUND UTILITIES NOTES

UNDERGROUND, OVERHEAD AND GROUND LEVEL UTILITIES ARE NOT GUARANTEED AS TO ACCURACY, EXACT LOCATION, TYPE OR USE, ACTIVE OR INACTIVE. VERIFICATION IS MANDATORY WITH MUNICIPAL AGENCIES, PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR TO TAKING TITLE AND OR DESIGN WORK. BOUNDARIES ARE NOT GUARANTEED UNLESS SO NOTED.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO. 35) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA

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

GUARANTEED TO:	
COUNTY: KINGS	CITY: BROOKLYN
SECTION:	BLOCK: 6618 LOT(S): 48
PROPERTY ADDRESS: 1665 STILLWELL AVENUE	

ARCHITECTURAL SURVEY

PREPARED BY

PERFECT POINT
LAND SURVEYING PT
brooklyn • queens • manhattan • bronx
staten island • nassau
phone: (718) 474-7700
fax: (718) 872-9699
info@ppsurveying.com
www.ppsurveying.com

STATE OF NEW YORK — RICHARD TOM — LICENSED LAND SURVEYOR

N.Y.S. L.L.S. 049844

Attachment C

Section III: *Project's Environmental History*

SECTION III: PROJECT'S ENVIRONMENTAL HISTORY

The following environmental reports were prepared prior to the Requestor BCP application:

Phase I Environmental Site Assessment - May 9th, 2019, prepared by American Environmental.

A digital (PDF) copy of the above referenced environmental report is included.

Phase I ESA Summary

The Phase I ESA identified past usage of the Subject Property that included usage as a dairy, thrift shop and drycleaners. Information obtained from City Directory for the Phase I ESA listed previous occupant as Grandview Dairy from around year 1970 and 1973; 2) Stillwell Dairy in year 1976; 3) Wonder Hostess Thrift Shop around year 1985 and 1997; and then converted to a drycleaner in 1999 (NYCDOB job number 300846155), and occupied by Ideal Cleaners from around 2000 through 2014. Information obtained from the NYCDOB records for the Subject Property indicated usage of the Site was "ice cream dispensing stand" at 1671-1673 Stillwell Avenue in 1955 (Certificate of Occupancy # 142477, dated 01/19/1955), and "food store, with one loading/unloading berth and twelve accessory auto parking in open space" at 1665-1673 Stillwell Avenue, lot(s) 48 and 50 (Certificate of Occupancy # 195912, dated 11/09/1966).

The Phase I ESA identified the following recognized environmental conditions (RECs) in connection with the Site:

ON-SITE

1. The "E" Designation (E-145) assigned to the Site constituting evidence of known or suspect environmental concern that may have impacted the Site.

The Subject property was part of the Bensonhurst Rezoning, CEQR # 05DCP055K dated 07/27/2005. Environmental Designation for "***Hazmat***" was then placed on the Site. Due to the environmental designation on the Subject Property, environmental activities are required before any redevelopment of the Site, renovation of the building or soil disturbance at the Site.

2. Historical usage of the Subject Property for dry cleaning activities.

As per NYCDOB job number 300846155 dated 1999, the site was converted to a drycleaner and occupied by Ideal Cleaners from around 2000 through 2014.

OFF-SITE

3. North Adjacent Property – 1663 Stillwell Avenue / 126-136 Kings Hwy:

Usage of the northern adjacent property identified on Fire Insurance maps included *auto repair and a gasoline station*. *Four gasoline tanks* were identified on the maps dated 1930 through 1981. Certificate of Occupancy dated 04/07/1926, identified in the NYCDOB records for this adjacent property listed the usage of the property as gasoline station. The historical usage of the northern adjacent property as a gasoline station and for auto repair may have impacted upon the environmental quality of the Subject Property and should be considered a concern.

The northern adjacent property was identified in the database report, listed in the NY AST, and the NY E-Designation databases. Information obtained from the NY AST database listed a 275-gallon waste oil tank registered to Boris Auto Repair under PBS number 2-610727. The status of the tank is listed as closed / removed on 05/01/2010. The NY E-Designation for Hazmat was assigned to the property. The property was identified as a garage during the Site reconnaissance of the Subject Property. Historical and current usage of the adjacent property for auto repair may have impacted upon the environmental quality of the Subject Property and should be considered a concern.

Phase II Work Plan - May 24th, 2019, prepared by American Environmental and approved by the New York City Office of Environmental Remediation (NYCOER).

The scope of work for this Phase II Subsurface Investigation included the following:

- A geophysical survey;
- Advancement of seven borings;
- Installation of three temporary monitoring wells;
- Collected two samples from each boring for laboratory analysis;
- Groundwater sampling;
- Installed six soil vapor probes and the collection of six soil vapor samples;
- Preparation of a Phase II Subsurface Investigation Report documenting all work, assessment and conclusion of findings including determination of effectiveness of onsite remediation system and recommendations.

Phase II Subsurface Investigation - July 19th, 2019, prepared by American Environmental. Information obtained from the Phase II Subsurface Investigation identified the metal Lead in the surface soil (0-2 feet) in the southern portion of the Site at soil boring SB-4, exceeding its respective Restricted Use SCOs Part 375-6.8(b) Residential. This was the only hotspot area that contained levels of metal above its RRSCOs. Other metals were detected, with a few exceeding UUSCOs only. VOCs and SVOCs were identified in the groundwater in the northeast and eastern portion of the Site. The chlorinated related VOCs Tetrachloroethene (PCE) (ranging from 231µg/m3 to 3,730µg/m3) and Trichloroethene (TCE) (ranging from 1.93µg/m3 to 73.6µg/m3) were identified in all of the soil vapor samples exceeding the NYSDOH Air Guideline Value (AGV) and the NYSDOH Decision Matrix.

- **Soil Quality:**

Volatile Organic Compounds (VOCs) in Soil

No **VOCs** were identified in any of the soil samples obtained from soil boring SB-1 through SB-7 exceeding their respective UUSCOs, Restricted Residential or Commercial Use SCOs, except for Acetone identified in the northern portion of the Site at soil boring SB-6 (0-2 feet), at a level of 51 S exceeding UUSCOs. Acetone is a laboratory solvent and may not be representative of contaminants at the Site.

Semi-Volatile Organic Compounds (SVOCs), Pesticides, or Polychlorinated Biphenyls (PCBs) in Soil

No **SVOCs, Pesticides or Polychlorinated Biphenyls (PCBs** were identified in any of the soil samples obtained from soil boring SB-1 through SB-7 exceeding their respective UUSCOs, Restricted Residential or Commercial Use SCOs.

Target Analyte List (TAL) Metals in Soil

Target Analyte List (TAL) Metals were identified in the soil samples, obtained from soil boring SB-1 through SB-7 exceeding their respective UUSCOs. The TAL Metals exceeding their respective UUSCOs were Chromium detected in the southeastern portion of the Site at soil boring SB-2 (0-2 feet), and in the southwestern portion of the Site at soil boring SB-7 (10-12 feet), ranging from 30.2 mg/kg to 30.5 mg/kg;

Copper detected in the eastern portion of the Site at soil boring in SB-3 (0-2 feet), and in the western portion of the Site at soil boring SB-7 (0-2 and 10-12 feet), ranging from 52.3 mg/kg to 74.1 mg/kg;

Lead detected in eastern portion of the Site at SB-3 (0-2 feet, and duplicated), in the southern portion of the Site at soil boring SB-4 (0-2 feet), and in the southwestern portion of the Site at soil boring SB-7 (0-2 feet), ranging from 92.8 mg/kg to 547 mg/kg, with the highest level detected in the southern portion of the Site at SB-4 (0-2 feet) exceeding its respective UUSCOs and RRSCOs;

Nickel detected in the southwestern portion of the Site at soil boring SB-2 (0-2 feet), in the eastern portion of the Site at soil boring SB-3 and in the southern portion of the Site at soil boring SB-4 (3-5 feet), in the central portion of the Site at soil boring SB-5, in the northern portion of the Site at soil boring SB-6 (10-12 feet), and in the southwestern portion of the Site at soil boring SB-7 (0-2 and 10-12 feet) ranging from 32.7 mg/kg to 111 mg/kg;
Zinc detected in the eastern portion of the Site at soil boring SB-3 (0-2 feet), in the southern portion of the Site at soil boring SB-4 (0-2 feet), and in the southwestern portion of the Site at soil boring SB-7 (0-2 feet) ranging from 131 mg/kg to 433 mg/kg, and;
Mercury detected in the southeastern portion of the Site at soil boring SB-2 (3-5 feet), and in the eastern portion of the Site at soil boring SB-3 (0-2 feet), ranging from 0.26 mg/kg to 0.29 mg/kg.

Emerging Contaminants in Soil

A soil sample was analyzed for the compound 1,4-dioxane and Per- and Polyfluoroalkyl Substances (PFASs). The compound 1,4-dioxane was not detected in the soil sample. Per- and Polyfluoroalkyl Substances (PFASs) were not detected in the soil sample.

- **Groundwater Quality**:

Volatile Organic Compounds (VOCs) in Groundwater

Four **VOCs** were identified in the groundwater samples obtained from monitoring well MW-1 and MW-2 exceeding their respective AWQSGVs. The VOCs identified above their respective AWQSGVs are 2-Isopropyltoluene identified in MW-1 at a maximum level of 9.5 µg/L, and identified in MW-2 at a maximum level of 5.5µg/L; Isopropylbenzene identified in MW-1 and identified in MW-2 at a maximum level of 12µg/L; n-Propylbenzene identified in MW-2 at a maximum level of 19µg/L; and sec-Butylbenzene identified in MW-1 at a maximum level of 21µg/L.

Semi-Volatile Organic Compounds (SVOCs) in Groundwater

Five **SVOCs** were identified in the groundwater samples obtained from MW-1 exceeding their respective AWQSGVs. The SVOCs identified in the groundwater sample from MW-1 exceeding their respective AWQSGVs, are Benzo (a) Anthracene identified at a level of 0.07 µg/L; Benzo (b) Fluoranthene identified at a level of 0.07 µg/L; Benzo (k) Fluoranthene identified at a level of 0.06 µg/L; Chrysene identified at a level of 0.05 µg/L; and Indo (1,2,3-cd) Pyrene identified at a level of 0.03 µg/L.

Polychlorinated Biphenyls (PCBs), Pesticides, or TAL Metals in Groundwater

No **Polychlorinated Biphenyls (PCBs), Pesticides, or TAL Metals** were detected in the groundwater samples obtained from MW-1 through MW-3.

Emerging Contaminants in Groundwater

The compound 1,4-dioxane was not identified in the groundwater sample. Per- and Polyfluoroalkyl Substances (PFASs) were identified in the groundwater sample obtained from MW-1 at a level below method detection limit, to 69 ng/L, below the current Preliminary Remediation Goals (PRG).

- **Soil Vapor**:

VOCs were identified in all six soil vapor samples obtained throughout the Site. Chlorinated related VOCS detected in the soil vapor samples included Tetrachloroethene (PCE) at concentrations ranging from 231µg/m^3 to 3,730µg/m^3; and Trichloroethene (TCE) at concentrations ranging from 1.93µg/m^3 to 73.6µg/m, above monitoring level ranges established within the NYSDOH Soil Vapor Guidance Matrices, and above the minimum soil vapor concentrations, as set forth in the NYSDOH Air Guideline Value (AGV). SV-5 and SV-6 were installed in the proposed parking area and the former storage shed and building. The highest levels of soil vapor contamination was detected in the

storage shed where the dry cleaning chemicals were stored. The storage shed is located up-gradient and the ground surface in the shed was observed paved with concrete.

ANALYTICAL RESULTS

SOIL

TABLES 1 - 5

Table 1
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (µg/kg)																
Sample Identification	SB-1				SB-2				SB-3						Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	1				2				3								
Sample Date	6/24/2019				6/24/2019				6/24/2019								
Sample Matrix	Soil				Soil				Soil								
Units	µg/kg				µg/kg				µg/kg								
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
1,1,1,2-Tetrachloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,1,1-Trichloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	680	100,000	500,000
1,1,2,2-Tetrachloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,1,2-Trichloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,1-Dichloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	270	26,000	240,000
1,1-Dichloroethene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	330	100,000	500,000
1,1-Dichloropropene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2,3-Trichlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2,3-Trichloropropane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2,4-Trichlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2,4-Trimethylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	3,600	52,000	190,000
1,2-Dibromo-3-chloropropane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2-Dibromoethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,2-Dichlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	1,100	100,000	500,000
1,2-Dichloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	20	3,100	300,000
1,2-Dichloropropane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,3,5-Trimethylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	8,400	52,000	190,000
1,3-Dichlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	2,400	4,900	280,000
1,3-Dichloropropane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
1,4-Dichlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	1,800	13,000	130,000
2,2-Dichloropropane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
2-Chlorotoluene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
2-Hexanone	< 1000	1,000	< 19	19	< 23	23	< 21	21	< 33	33	< 25	25	< 26	26	NS	NS	NS
2-Isopropyltoluene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
4-Chlorotoluene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
4-Methyl-2-pentanone	< 1000	1,000	< 19	19	< 23	23	< 21	21	< 33	33	< 25	25	< 26	26	NS	NS	NS
Acetone	< 1000	1,000	< 19	19	< 23	23	< 21	21	< 33	33	< 25	25	35	26	50	100,000	NS
Acrylonitrile	< 410	410	< 7.5	7.5	< 9.1	9.1	< 8.3	8.3	< 13	13	< 9.9	9.9	< 11	11	NS	NS	NS
Benzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	60	4,800	44,000
Bromobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Bromochloromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Bromodichloromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Bromoform	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Bromomethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Carbon Disulfide	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS

NS…No Standard *RSLT….Results* *RL….Reporting Limit*

Table 1 *Continued…….*

Soil Samples Analytical Results

1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (µg/kg)

Sample Identification	SB-1				SB-2				SB-3						Track 1 Unrestricted Use Soil Cleanup Objectives (µg/kg)	Restricted Use Soil Cleanup Objectives Residential (µg/kg)	Restricted Use Soil Cleanup Objectives Commercial (µg/kg)
Boring Number	1				2				3								
Sample Date	6/24/2019				6/24/2019				6/24/2019								
Sample Matrix	Soil				Soil				Soil								
Units	µg/kg				µg/kg				µg/kg								
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Carbon tetrachloride	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	760	2,400	22,000
Chlorobenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	1,100	100,000	500,000
Chloroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Chloroform	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	370	49,000	350,000
Chloromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
cis-1,2-Dichloroethene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	250	100,000	500,000
cis-1,3-Dichloropropene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Dibromochloromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Dibromomethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Dichlorodifluoromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Ethylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	1,000	41,000	390,000
Hexachlorobutadiene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Isopropylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
m + p-Xylene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	260	100,000	500,000
Methyl Ethyl Ketone	< 1000	1,000	< 19	19	< 23	23	< 21	21	< 33	33	< 25	25	< 26	26	120	100,000	500,000
Methyl-Tert-Butyl-Ether (MTE	< 410	410	< 7.5	7.5	< 9.1	9.1	< 8.3	8.3	< 13	13	< 9.9	9.9	< 11	11	930	100,000	500,000
Methylene chloride	< 410	410	< 7.5	7.5	< 9.1	9.1	< 8.3	8.3	< 13	13	< 9.9	9.9	< 11	11	50	100,000	500,000
Naphthalene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	12,000	100,000	500,000
n-Butylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	12,000	100,000	500,000
n-Propylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	3,900	100,000	500,000
o-Xylene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	260	100,000	500,000
p-Isopropyltoluene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
sec-Butylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	11,000	100,000	500,000
Styrene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
tert-Butylbenzene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	5,900	100,000	500,000
Tetrachloroethene	210	210	400	230	< 4.6	4.6	200	160	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	1,300	19,000	150,000
Tetrahydrofuran (THF)	< 410	410	< 7.5	7.5	< 9.1	9.1	< 8.3	8.3	< 13	13	< 9.9	9.9	< 11	11	NS	NS	NS
Toluene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	700	100,000	500,000
Total Xylenes	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	260	100,000	NS
trans-1,2-Dichloroethene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	190	100,000	500,000
trans-1,3-Dichloropropene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
trans-1,4-dichloro-2-butene	< 410	410	< 7.5	7.5	< 9.1	9.1	< 8.3	8.3	< 13	13	< 9.9	9.9	< 11	11	NS	NS	NS
Trichloroethene	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	470	21,000	200,000
Trichlorofluoromethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Trichlorotrifluoroethane	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	NS	NS	NS
Vinyl chloride	< 210	210	< 3.8	3.8	< 4.6	4.6	< 4.2	4.2	< 6.5	6.5	< 4.9	4.9	< 5.3	5.3	20	900	1,300
Total VOCs	210		400		0		200		0		35 S		35 S				

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 1 Continued…….

Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (µg/kg)																		
Sample Identification	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	µg/kg				µg/kg				µg/kg				µg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
1,1,1,2-Tetrachloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,1,1-Trichloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	680	100,000	500,000
1,1,2,2-Tetrachloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,1,2-Trichloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,1-Dichloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	270	26,000	240,000
1,1-Dichloroethene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	330	100,000	500,000
1,1-Dichloropropene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2,3-Trichlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2,3-Trichloropropane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2,4-Trichlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2,4-Trimethylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	3,600	52,000	190,000
1,2-Dibromo-3-chloropropane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2-Dibromoethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,2-Dichlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	1,100	100,000	500,000
1,2-Dichloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	20	3,100	300,000
1,2-Dichloropropane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,3,5-Trimethylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	8,400	52,000	190,000
1,3-Dichlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	2,400	4,900	280,000
1,3-Dichloropropane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
1,4-Dichlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	1,800	13,000	130,000
2,2-Dichloropropane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
2-Chlorotoluene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
2-Hexanone	< 34	34	< 23	23	< 27	27	< 24	24	< 27	27	< 18	18	< 26	26	< 12	12	NS	NS	NS
2-Isopropyltoluene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
4-Chlorotoluene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
4-Methyl-2-pentanone	< 34	34	< 23	23	< 27	27	< 24	24	< 27	27	< 18	18	< 26	26	< 12	12	NS	NS	NS
Acetone	< 34	34	< 23	23	< 27	27	< 24	24	**51 S**	27	< 18	18	< 26	26	< 12	12	50	100,000	NS
Acrylonitrile	< 14	14	< 9.2	9.2	< 11	11	< 9.7	9.7	< 11	11	< 7.2	7.2	< 10	10	< 4.9	4.9	NS	NS	NS
Benzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	60	4,800	44,000
Bromobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Bromochloromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Bromodichloromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Bromoform	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Bromomethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Carbon Disulfide	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS

NS…No Standard *Bold & Shaded values represent concentration exceeding UUSCOs* *RSLT….results* *RL….Reporting Limit*

Table 1 *Continued… ….*
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (µg/kg)																		
Sample Identification	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	µg/kg				µg/kg				µg/kg				µg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Carbon tetrachloride	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	760	2,400	22,000
Chlorobenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	1,100	100,000	500,000
Chloroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Chloroform	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	370	49,000	350,000
Chloromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
cis-1,2-Dichloroethene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	250	100,000	500,000
cis-1,3-Dichloropropene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Dibromochloromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Dibromomethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Dichlorodifluoromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Ethylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	1,000	41,000	390,000
Hexachlorobutadiene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Isopropylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
m + p-Xylene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	260	100,000	500,000
Methyl Ethyl Ketone	< 34	34	< 23	23	< 27	27	< 24	24	< 27	27	< 18	18	< 26	26	< 12	12	120	100,000	500,000
Methyl-Tert-Butyl-Ether (MTBE	< 14	14	< 9.2	9.2	< 11	11	< 9.7	9.7	< 11	11	< 7.2	7.2	< 10	10	< 4.9	4.9	930	100,000	500,000
Methylene chloride	< 14	14	< 9.2	9.2	< 11	11	< 9.7	9.7	< 11	11	< 7.2	7.2	< 10	10	< 4.9	4.9	50	100,000	500,000
Naphthalene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	12,000	100,000	500,000
n-Butylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	12,000	100,000	500,000
n-Propylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	3,900	100,000	500,000
o-Xylene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	260	100,000	500,000
p-Isopropyltoluene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
sec-Butylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	11,000	100,000	500,000
Styrene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
tert-Butylbenzene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	5,900	100,000	500,000
Tetrachloroethene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	6	3.6	580	240	< 2.4	2.4	1,300	19,000	150,000
Tetrahydrofuran (THF)	< 14	14	< 9.2	9.2	< 11	11	< 9.7	9.7	< 11	11	< 7.2	7.2	< 10	10	< 4.9	4.9	NS	NS	NS
Toluene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	700	100,000	500,000
Total Xylenes	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	260	100,000	NS
trans-1,2-Dichloroethene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	190	100,000	500,000
trans-1,3-Dichloropropene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
trans-1,4-dichloro-2-butene	< 14	14	< 9.2	9.2	< 11	11	< 9.7	9.7	< 11	11	< 7.2	7.2	< 10	10	< 4.9	4.9	NS	NS	NS
Trichloroethene	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	470	21,000	200,000
Trichlorofluoromethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Trichlorotrifluoroethane	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	NS	NS	NS
Vinyl chloride	< 6.9	6.9	< 4.6	4.6	< 5.5	5.5	< 4.8	4.8	< 5.3	5.3	< 3.6	3.6	< 5.2	5.2	< 2.4	2.4	20	900	1,300
Total VOCs	0		0		0		0		51 S		6.0		580		0				

NS…No Standard

Table 2
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Semi-Volatile Organic Compounds (µg/kg)																
Sample Identification	SB-1				SB-2				SB-3						Track 1 Unrestricted Use Soil Cleanup Objectives (µg/kg)	Restricted Use Soil Cleanup Objectives Residential (µg/kg)	Restricted Use Soil Cleanup Objectives Commercial (µg/kg)
Boring Number	1				2				3								
Sample Date	6/24/2019				6/24/2019				6/24/2019								
Sample Matrix	Soil				Soil				Soil								
Units	µg/kg				µg/kg				µg/kg								
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
1,2,4,5-Tetrachlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
1,2,4-Trichlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
1,2-Dichlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	1,100	100,000	NS
1,2-Diphenylhydrazine	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
1,3-Dichlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	2,400	280,000	NS
1,4-Dichlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	1,800	130,000	NS
2,4,5-Trichlorophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2,4,6-Trichlorophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2,4-Dichlorophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2,4-Dimethylphenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2,4-Dinitrophenol	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
2,4-Dinitrotoluene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2,6-Dinitrotoluene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2-Chloronaphthalene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2-Chlorophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2-Methylnaphthalene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
2-Methylphenol (o-cresol)	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	330	100,000	NS
2-Nitroaniline	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
2-Nitrophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
3&4-Methylphenol (m&p-cres	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	330	100,000	NS
3,3'-Dichlorobenzidine	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
3-Nitroaniline	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
4,6-Dinitro-2-methylphenol	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
4-Bromophenyl phenyl ether	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
4-Chloro-3-methylphenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
4-Chloroaniline	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
4-Chlorophenyl phenyl ether	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
4-Nitroaniline	< 600	600	< 630	630	< 580	580	< 620	620	< 590	590	< 640	640	< 630	630	NS	NS	NS
4-Nitrophenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Acenaphthene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	20,000	100,000	500,000
Acenaphthylene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	100,000	100,000	500,000
Acetophenone	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Aniline	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Anthracene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	100,000	100,000	500,000
Benzo (a) Anthracene	< 260	260	< 270	270	< 250	250	< 270	270	430	260	< 280	280	< 270	270	1,000	1,000	5,600
Benzidine	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 2 *Continued...*

Soil Samples Analytical Results

1665 Stillwell Avenue, Brooklyn, NY

Semi-Volatile Organic Compounds (µg/kg)																
Sample Identification	SB-1				SB-2				SB-3						Track 1 Unrestricted Use Soil Cleanup Objectives (µg/kg)	Restricted Use Soil Cleanup Objectives Residential (µg/kg)	Restricted Use Soil Cleanup Objectives Commercial (µg/kg)
Boring Number	1				2				3								
Sample Date	6/24/2019				6/24/2019				6/24/2019								
Sample Matrix	Soil				Soil				Soil								
Units	µg/kg				µg/kg				µg/kg								
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Benzo (a) Pyrene	< 260	260	< 270	270	< 250	250	< 270	270	440	260	< 280	280	< 270	270	1,000	1,000	1,000
Benzo (b) Fluoranthene	< 260	260	< 270	270	< 250	250	< 270	270	360	260	< 280	280	< 270	270	1,000	1,000	5,600
Benzo (g,h,I) Perylene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	100,000	100,000	500,000
Benzo (k) Fluoranthene	< 260	260	< 270	270	< 250	250	< 270	270	380	260	< 280	280	< 270	270	800	3,900	56,000
Benzoic acid	< 750	750	< 780	780	< 720	720	< 780	780	< 740	740	< 800	800	< 780	780	NS	NS	NS
Benzyl butyl phthalate	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Bis(2-chloroethoxy)methane	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Bis(2-chloroethyl)ether	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Bis(2-chloroisopropyl)ether	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Bis(2-ethylhexyl)phthalate	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Carbazole	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Chrysene	< 260	260	< 270	270	< 250	250	< 270	270	430	260	< 280	280	< 270	270	1,000	3,900	56,000
Dibenzo(a,h)anthracene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	330	330	560
Dibenzofuran	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	7,000	350,000	NS
Diethyl phthalate	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Dimethylphthalate	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Di-n-butylphthalate	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Di-n-octylphthalate	< 260	260	< 270	270	260	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Fluoranthene	< 260	260	< 270	270	280	250	< 270	270	870	260	< 280	280	< 270	270	100,000	100,000	500,000
Fluorene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	30,000	100,000	500,000
Hexachlorobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	330	6,000	NS
Hexachlorobutadiene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Hexachlorocyclopentadiene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Hexachloroethane	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Indeno (1,2,3-cd) Pyrene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	500	500	56,000
Isophorone	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
Naphthalene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	12,000	100,000	500,000
Nitrobenzene	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
N-Nitrosodimethylamine	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
N-Nitrosodi-n-propylamine	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	NS	NS	NS
N-Nitrosodiphenylamine	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Pentachloronitrobenzene	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Pentachlorophenol	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	800	6,700	67,000
Phenanthrene	< 260	260	< 270	270	< 250	250	< 270	270	510	260	< 280	280	< 270	270	100,000	100,000	500,000
Phenol	< 260	260	< 270	270	< 250	250	< 270	270	< 260	260	< 280	280	< 270	270	330	100,000	500,000
Pyrene	< 260	260	< 270	270	280	250	< 270	270	790	260	< 280	280	< 270	270	100,000	100,000	500,000
Pyridine	< 370	370	< 390	390	< 360	360	< 390	390	< 370	370	< 400	400	< 390	390	NS	NS	NS
Total SVOCs	0		0		820		0		3,030		0		0		100,000	100,000	500,000

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 2 Continued…….
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Semi-Volatile Organic Compounds (µg/kg)																		
Sample Identification	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	µg/kg				µg/kg				µg/kg				µg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
1,2,4,5-Tetrachlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
1,2,4-Trichlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
1,2-Dichlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	1,100	100,000	NS
1,2-Diphenylhydrazine	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
1,3-Dichlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	2,400	280,000	NS
1,4-Dichlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	1,800	130,000	NS
2,4,5-Trichlorophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2,4,6-Trichlorophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2,4-Dichlorophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2,4-Dimethylphenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2,4-Dinitrophenol	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
2,4-Dinitrotoluene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2,6-Dinitrotoluene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2-Chloronaphthalene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2-Chlorophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2-Methylnaphthalene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
2-Methylphenol (o-cresol)	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	330	100,000	NS
2-Nitroaniline	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
2-Nitrophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
3&4-Methylphenol (m&p-cresol	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	330	100,000	NS
3,3'-Dichlorobenzidine	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
3-Nitroaniline	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
4,6-Dinitro-2-methylphenol	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
4-Bromophenyl phenyl ether	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
4-Chloro-3-methylphenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
4-Chloroaniline	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
4-Chlorophenyl phenyl ether	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
4-Nitroaniline	< 700	700	< 580	580	< 560	560	< 550	550	< 580	580	< 550	550	< 570	570	< 560	560	NS	NS	NS
4-Nitrophenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Acenaphthene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	20,000	100,000	500,000
Acenaphthylene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	100,000	100,000	500,000
Acetophenone	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Aniline	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Anthracene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	100,000	100,000	500,000
Benzo (a) Anthracene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	600	250	< 240	240	1,000	1,000	5,600
Benzidine	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS

NS…No Standard *Bold values represent concentration exceeding Track 1 SCOs* *ND..Not Detected*

Table 2 *Continued...*

Soil Samples Analytical Results

1665 Stillwell Avenue, Brooklyn, NY

Semi-Volatile Organic Compounds (µg/kg)																		
Sample Identification	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	µg/kg				µg/kg				µg/kg				µg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Benzo (a) Pyrene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	540	250	< 240	240	1,000	1,000	1,000
Benzo (b) Fluoranthene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	500	250	< 240	240	1,000	1,000	5,600
Benzo (g,h,I) Perylene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	330	250	< 240	240	100,000	100,000	500,000
Benzo (k) Fluoranthene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	450	250	< 240	240	800	3,900	56,000
Benzoic acid	< 880	880	< 730	730	< 710	710	< 690	690	< 730	730	< 690	690	< 720	720	< 700	700	NS	NS	NS
Benzyl butyl phthalate	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Bis(2-chloroethoxy)methane	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Bis(2-chloroethyl)ether	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Bis(2-chloroisopropyl)ether	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Bis(2-ethylhexyl)phthalate	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Carbazole	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Chrysene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	620	250	< 240	240	1,000	3,900	56,000
Dibenzo(a,h)anthracene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	330	330	560
Dibenzofuran	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	7,000	350,000	NS
Diethyl phthalate	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Dimethylphthalate	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Di-n-butylphthalate	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Di-n-octylphthalate	< 310	310	< 260	260	< 250	250	< 240	240	280	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Fluoranthene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	1,100	250	< 240	240	100,000	100,000	500,000
Fluorene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	30,000	100,000	500,000
Hexachlorobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	330	6,000	NS
Hexachlorobutadiene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Hexachlorocyclopentadiene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Hexachloroethane	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Indeno (1,2,3-cd) Pyrene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	370	250	< 240	240	500	500	56,000
Isophorone	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
Naphthalene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	370	240	< 250	250	< 240	240	12,000	100,000	500,000
Nitrobenzene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
N-Nitrosodimethylamine	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
N-Nitrosodi-n-propylamine	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	NS	NS	NS
N-Nitrosodiphenylamine	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Pentachloronitrobenzene	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Pentachlorophenol	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	800	6,700	67,000
Phenanthrene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	1,000	250	< 240	240	100,000	100,000	500,000
Phenol	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	< 250	250	< 240	240	330	100,000	500,000
Pyrene	< 310	310	< 260	260	< 250	250	< 240	240	< 260	260	< 240	240	1,000	250	< 240	240	100,000	100,000	500,000
Pyridine	< 440	440	< 370	370	< 350	350	< 340	340	< 370	370	< 340	340	< 360	360	< 350	350	NS	NS	NS
Total SVOCs	0			0	0			0	280		370		6,510		0		100,000	100,000	500,000

NS…No Standard

RSLT….result RL….Reporting Limit

Table 3
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Pesticides (µg/kg)														Track 1 Unrestricted Use Soil Cleanup Objective	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commerical
Sample ID	SB-1				SB-2				SB-3							
Boring Number	1				2				3							
Sample Date	6/24/2019				6/24/2019				6/24/2019							
Sample Matrix	Soil				Soil				Soil							
Units	µg/kg				µg/kg				µg/kg							
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'			
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL		
4,4' -DDD	< 2.2	2.2	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.4	2.4	3.3	2,600	92,000
4,4' -DDE	< 2.2	2.2	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.4	2.4	3.3	1,800	62,000
4,4' -DDT	< 2.2	2.2	< 2.3	2.3	< 2.2	2.2	< 2.4	2.4	< 2.2	2.2	< 2.4	2.4	< 2.4	2.4	3.3	1,700	47,000
a-BHC	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	20	97	3,400
Alachlor	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7	< 4.0	4.0	< 4.0	4.0	NS	NS	NS
Aldrin	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7	< 4.0	4.0	< 4.0	4.0	5	19	680
b-BHC	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	36	72	3000
Chlordane	< 37	37	< 38	38	< 36	36	< 40	40	< 37	37	< 40	40	< 40	40	94	910	24,000
d-BHC	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	40	100,000	500,000
Dieldrin	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7	< 4.0	4.0	< 4.0	4.0	5	39	1,400
Endosulfan I	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	2,400	4,800	200,000
Endosulfan II	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	2,400	4,800	200,000
Endosulfan sulfate	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	2,400	4,800	200,000
Endrin	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	14	2,200	89,000
Endrin aldehyde	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	NS	NS	NS
Endrin ketone	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	NS	NS	NS
g-BHC	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5	< 1.6	1.6	< 1.6	1.6	100	280	9,200
g-Chlordane	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 4.0	4.0	< 3.7	3.7	< 4.0	4.0	< 4.0	4.0	NS	NS	NS
Heptachlor	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	42	420	15,000
Heptachlor epoxide	< 7.4	7.4	< 7.6	7.6	< 7.2	7.2	< 7.9	7.9	< 7.4	7.4	< 8.1	8.1	< 7.9	7.9	NS	NS	NS
Methoxychlor	< 37	37	< 38	38	< 36	36	< 40	40	< 37	37	< 40	40	< 40	40	NS	NS	NS
Toxaphene	< 150	150	< 150	150	< 140	140	< 160	160	< 150	150	< 160	160	< 160	160	NS	NS	NS
PCBs (µg/kg)																
PCB-1016	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1221	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1232	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1242	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1248	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1254	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1260	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1262	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000
PCB-1268	< 370	370	< 380	380	< 360	360	< 400	400	< 370	370	< 400	400	< 400	400	1,000	1,000	1,000

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 3 Continued…….
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Pesticides (µg/kg)																		
Sample ID	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commerical
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	µg/kg				µg/kg				µg/kg				µg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
4,4' -DDD	< 2.6	2.6	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	3.3	2,600	92,000
4,4' -DDE	< 2.6	2.6	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	3.3	1,800	62,000
4,4' -DDT	< 2.6	2.6	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	< 2.2	2.2	< 2.1	2.1	3.3	1,700	47,000
a-BHC	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	20	97	3,400
Alachlor	< 4.3	4.3	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	NS	NS	NS
Aldrin	< 4.3	4.3	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	5	19	680
b-BHC	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	36	72	3000
Chlordane	< 43	43	< 36	36	< 35	35	< 35	35	< 37	37	< 35	35	< 36	36	< 35	35	94	910	24,000
d-BHC	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	40	100,000	500,000
Dieldrin	< 4.3	4.3	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	5	39	1,400
Endosulfan I	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	2,400	4,800	200,000
Endosulfan II	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	2,400	4,800	200,000
Endosulfan sulfate	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	2,400	4,800	200,000
Endrin	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	14	2,200	89,000
Endrin aldehyde	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	NS	NS	NS
Endrin ketone	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	NS	NS	NS
g-BHC	< 1.7	1.7	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	100	280	9,200
g-Chlordane	< 4.3	4.3	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5	< 3.7	3.7	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	NS	NS	NS
Heptachlor	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	42	420	15,000
Heptachlor epoxide	< 8.7	8.7	< 7.2	7.2	< 7.0	7.0	< 7.0	7.0	< 7.4	7.4	< 7.0	7.0	< 7.2	7.2	< 7.0	7.0	NS	NS	NS
Methoxychlor	< 43	43	< 36	36	< 35	35	< 35	35	< 37	37	< 35	35	< 36	36	< 35	35	NS	NS	NS
Toxaphene	< 170	170	< 140	140	< 140	140	< 140	140	< 150	150	< 140	140	< 140	140	< 140	140	NS	NS	NS
PCBs (µg/kg)																			
PCB-1016	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1221	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1232	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1242	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1248	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1254	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1260	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1262	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000
PCB-1268	< 430	430	< 360	360	< 350	350	< 350	350	< 370	370	< 350	350	< 360	360	< 350	350	1,000	1,000	1,000

NS…No Standard *RSLT….results* *RL…..Reporting Limit*

Table 4
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

TAL Metals (mg/kg)																
Sample ID	SB-1				SB-2				SB-3						Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	1				2				3								
Sample Date	6/24/2019				6/24/2019				6/24/2019								
Sample Matrix	Soil				Soil				Soil								
Units	mg/kg				mg/kg				mg/kg								
Sample Depth	0' - 2'		3' - 5'		0' - 2'		3' - 5'		0' - 2'		0' - 2' Dup		3' - 5'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Aluminum	13,400	57	14,400	58	14,300	56	17,100	54	7,520	60	16,400	64	11,100	64	NS	NS	NS
Antimony	<3.8	3.8	<3.9	3.9	<3.8	3.8	<3.6	3.6	<4.0	4.0	<4.3	4.3	<4.3	4.3	NS	NS	NS
Arsenic	5.34	0.77	5.99	0.77	7.03	0.75	8.12	0.73	6.79	0.80	8.7	0.86	4.03	0.85	13	16	16
Barium	38.8	0.38	48.3	0.39	77.6	0.38	88	0.36	313	0.40	135	0.43	50.5	0.43	350	350	400
Beryllium	0.62	0.31	0.56	0.31	0.71	0.30	0.8	0.29	0.41	0.32	0.9	0.34	0.45	0.34	7.20	14	590
Cadmium	<0.38	0.38	<0.39	0.39	<0.38	0.38	<0.36	0.36	1.34	0.40	0.71	0.43	0.6	0.43	2.5	2.5	9.3
Calcium	1,030	5.7	1,110	5.8	3,090	5.6	2,070	5.4	38,400	60	4,180	6.4	1,240	6.4	NS	NS	NS
Chromium	22.4	0.38	20.3	0.39	**30.2**	0.38	21.7	0.36	19.0	0.40	25.0	0.43	18.8	0.43	30	36	1,500
Cobalt	10.3	0.38	8.94	0.39	13.6	0.38	8.23	0.36	9.38	0.40	9.63	0.43	9.55	0.43	NS	NS	NS
Copper	13.5	0.8	15.2	0.8	23.7	0.8	26.3	0.7	**52.3**	0.8	34.9	0.9	17.6	0.9	50	270	270
Iron	19,500	57	18,400	58	21,400	56	19,900	54	21,600	60	21,200	64	18,900	64	NS	NS	NS
Lead	10.8	0.38	24	0.39	35.3	0.38	58.9	0.36	**286**	4.0	**92.8**	0.43	38.9	0.43	63	400	1,000
Magnesium	3,450	5.7	2,580	5.8	3,820	5.6	2,460	5.4	17,800	60	3,380	6.4	3,230	6.4	NS	NS	NS
Manganese	358	3.8	295	3.9	429	3.8	446	3.6	359	4.0	398	4.3	321	4.3	1600	2,000	10,000
Nickel	28.3	0.38	23.1	0.39	**65.3**	0.38	24.9	0.36	26	0.40	27.5	0.43	**32.7**	0.43	30	140	310
Potassium	1,080	5.7	964	5.8	1,260	5.6	806	5.4	1,090	6.0	1,030	6.4	754	6.4	NS	NS	NS
Selenium	<1.5	1.5	<1.5	1.5	<1.5	1.5	<1.5	1.5	<1.6	1.6	<1.7	1.7	<1.7	1.7	3.9	36	1,500
Silver	<0.38	0.38	<0.39	0.39	<0.38	0.38	<0.36	0.36	<0.40	0.40	<0.43	0.43	<0.43	0.43	2	36	1,500
Sodium	86.7	5.7	76.9	5.8	104	5.6	75.5	5.4	121	6.0	141	6.4	58.2	6.4	NS	NS	NS
Thallium	<3.4	3.4	<3.5	3.5	<3.5	3.4	<3.3	3.3	<3.6	3.6	<3.9	3.9	<3.8	3.8	NS	NS	NS
Vanadium	32.5	0.38	29.6	0.39	34.2	0.38	32	0.36	25.7	0.40	35.2	0.43	24.7	0.43	NS	NS	NS
Zinc	30.4	0.8	36.5	0.8	53	0.8	48.5	0.7	**279**	8.0	131	0.9	82.7	0.9	109	2,200	10,000
Mercury	0.04	0.03	0.05	0.03	0.13	0.03	**0.26**	0.03	**0.29**	0.03	0.15	0.03	0.14	0.03	0.18	0.81	2.8

NS…No Standard *RSLT….results* *RL….Reporting Limit*
Bold values represent concentration exceeding UUSCOs

Table 4 Continued……..
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

TAL Metals (mg/kg)																		
Sample ID	SB-4				SB-5				SB-6				SB-7				Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential	Restricted Use Soil Cleanup Objectives Commercial
Boring Number	4				5				6				7						
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019						
Sample Matrix	Soil				Soil				Soil				Soil						
Units	mg/kg				mg/kg				mg/kg				mg/kg						
Sample Depth	0' - 2'		3' - 5'		0' - 2'		10' - 12'		0' - 2'		10' - 12'		0' - 2'		10' - 12'				
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL			
Aluminum	17,300	61	7,810	53	7,180	54	4,730	53	12,800	51	4,230	55	11,700	53	5,590	50	NS	NS	NS
Antimony	<4.1	4.1	<3.5	3.5	<3.6	3.6	<3.6	3.6	<3.4	3.4	<3.7	3.7	<3.6	3.6	<3.3	3.3	NS	NS	NS
Arsenic	9.44	0.81	2.24	0.70	2.68	0.73	1.92	0.71	6.44	0.68	1.81	0.73	5.91	0.71	3.04	0.66	13	16	16
Barium	238	0.41	25.1	0.35	23.3	0.36	32.6	0.36	47.9	0.34	25.7	0.37	104	0.36	43.9	0.33	350	350	400
Beryllium	0.88	0.33	0.5	0.28	0.38	0.29	0.34	0.28	0.51	0.27	<0.29	0.29	0.75	0.28	0.51	0.27	7.20	14	590
Cadmium	0.58	0.41	<0.35	0.35	<0.36	0.36	<0.36	0.36	<0.34	0.34	<0.37	0.37	0.8	0.36	0.39	0.33	2.5	2.5	9.3
Calcium	2,930	6.1	658	5.3	803	5.4	1,020	5.3	2,750	5.1	1,140	5.5	13,600	53	2,290	5.0	NS	NS	NS
Chromium	26.1	0.41	22.9	0.35	16.1	0.36	16.3	0.36	19.1	0.34	17.1	0.37	26.5	0.36	**30.5**	0.33	30	36	1,500
Cobalt	9.69	0.41	7.64	0.35	7.01	0.36	10.3	0.36	7.5	0.34	8.53	0.37	12.3	0.36	18.3	0.33	NS	NS	NS
Copper	40.5	0.8	11.8	0.7	12.7	0.7	27.8	0.7	13.3	0.7	12.4	0.7	**74.1**	0.7	**54.9**	0.7	50	270	270
Iron	21,300	61	15,800	53	14,100	54	10,600	53	16,400	51	11,100	55	19,400	53	20,800	50	NS	NS	NS
Lead	**547**	4.1	6.24	0.35	6.29	0.36	3.88	0.36	25.4	0.34	5.45	0.37	**163**	3.6	9.19	0.33	63	400	1,000
Magnesium	2,670	6.1	2,890	5.3	2,490	5.4	3,380	5.3	3,170	5.1	7,800	55	4,880	5.3	3,500	5.0	NS	NS	NS
Manganese	511	4.1	359	3.5	230	3.6	310	3.6	303	3.4	450	3.7	291	3.6	536	3.3	1600	2,000	10,000
Nickel	29.4	0.41	**45.2**	0.35	**41.4**	0.36	**74.7**	0.36	23.1	0.34	**99.9**	0.37	**47.4**	0.36	**111**	0.33	30	140	310
Potassium	911	6.1	724	5.3	674	5.4	802	5.3	802	5.1	830	5.5	1,100	5.3	1,340	5.0	NS	NS	NS
Selenium	<1.6	1.6	<1.4	1.4	<1.5	1.5	<1.4	1.4	<1.4	1.4	<1.5	1.5	<1.4	1.4	<1.3	1.3	3.9	36	1,500
Silver	<0.41	0.41	<0.35	0.35	<0.36	0.36	<0.36	0.36	<0.34	0.34	<0.37	0.37	<0.36	0.36	<0.33	0.33	2	36	1,500
Sodium	192	6.1	79.4	5.3	119	5.4	199	5.3	156.0	5.1	337	5.5	347	5.3	298	5.0	NS	NS	NS
Thallium	<3.7	3.7	<3.2	3.2	<3.3	3.3	<3.2	3.2	<3.0	3.0	<3.3	3.3	<3.2	3.2	<3.0	3.0	NS	NS	NS
Vanadium	36.4	0.41	28.2	0.35	23.5	0.36	16.1	0.36	26.2	0.34	16	0.37	31.3	0.36	38.6	0.33	NS	NS	NS
Zinc	**219**	8.1	23	0.7	24.2	0.7	26.3	0.7	36.2	0.7	24.4	0.7	**433**	7.1	74.9	0.7	109	2,200	10,000
Mercury	0.16	0.03	<0.03	0.03	<0.03	0.03	<0.03	0.03	0.11	0.03	<0.03	0.03	0.16	0.03	<0.03	0.03	0.18	0.81	2.8

NS…No Standard *RSLT….results* *RL….Reporting Limit* *Shaded & bold values represent concentration exceeding the RRSCOs*
Bold values represent concentration exceeding UUSCOs

Table 5
Soil Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Sample Identification	SB-5	Reporting Limit	Track 1 Unrestricted Use Soil Cleanup Objectives	Restricted Use Soil Cleanup Objectives Residential
Sample Depth	10' - 12'			
Sample Date	6/24/2019			
Sample Matrix	Soil			
PFAS in Soil (µg/kg)				
Perfluorobutanesulfonic acid (PFBS)	ND	0.91	NS	NS
Perfluorohexanoic acid (PFHxA)	ND	0.91	NS	NS
Perfluoroheptanoic acid (PFHpA)	ND	0.91	NS	NS
Perfluorobutanoic acid (PFBA)	ND	0.91	NS	NS
Perfluorodecanesulfonic acid (PFDS)	ND	0.91	NS	NS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.91	NS	NS
Perfluorooctanesulfonamide (FOSA)	ND	0.91	NS	NS
Perfluoropentanoic acid (PFPeA)	ND	0.91	NS	Ns
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	0.91	NS	NS
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	0.91	NS	NS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.91	NS	NS
Perfluorooctanoic acid (PFOA)	ND	0.91	0.66	33
Perfluorooctanesulfonic acid (PFOS)	ND	0.91	0.88	44
Perfluorononanoic acid (PFNA)	ND	0.91	NS	NS
Perfluorodecanoic acid (PFDA)	ND	0.91	NS	NS
N-MeFOSAA	ND	0.91	NS	NS
Perfluoroundecanoic acid (PFUnA)	ND	0.91	NS	NS
N-EtFOSAA	ND	0.91	NS	NS
Perfluorododecanoic acid (PFDoA)	ND	0.91	NS	NS
Perfluorotridecanoic acid (PFTrDA)	ND	0.91	NS	NS
Perfluorotetradecanoic acid (PFTA)	ND	0.91	NS	NS
1,4-Dioxane (µg/kg)				
1,4-Dioxane	<68	68	NS	NS

NS…No Standard *ND…Not Detected*

ANALYTICAL RESULTS

GROUNDWATER

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Table 6
Groundwater Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (µg/L)									
Sample Identification	MW-1		MW-2		MW-3		MW-3 Dup		NYSDEC Ambient Groundwater Quality Standards (µg/L)
Boring Number	SB-1		SB-2		SB-3		SB-5		
Sample Depth	23.6'		23.76'		23.76'		23.29'		
Sample Date	6/24/2019		6/24/2019		6/24/2019		6/24/2019		
Sample Matrix	GW		GW		GW		GW		
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,1,1-Trichloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	5
1,1,2-Trichloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1
1,1-Dichloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,1-Dichloroethene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,1-Dichloropropene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,2,3-Trichlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,2,3-Trichloropropane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	0.04
1,2,4-Trichlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,2,4-Trimethylbenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,2-Dibromo-3-chloropropane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	0.04
1,2-Dibromoethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,2-Dichlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	3
1,2-Dichloroethane	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	0.6
1,2-Dichloropropane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1
1,3,5-Trimethylbenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,3-Dichlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	3
1,3-Dichloropropane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
1,4-Dichlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	3
2,2-Dichloropropane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
2-Chlorotoluene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
2-Hexanone	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	50
2-Isopropyltoluene	9.5	1.0	5.5	1.0	< 1.0	1.0	< 1.0	1.0	5
4-Chlorotoluene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
4-Methyl-2-pentanone	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	NS
Acetone	< 25	25	< 25	25	< 25	25	< 25	25	50
Acrylonitrile	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Benzene	0.87	0.70	0.83	0.70	< 0.70	0.70	< 0.70	0.70	1
Bromobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Bromochloromethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Bromodichloromethane	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	50
Bromoform	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	50
Bromomethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Carbon Disulfide	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	60
Carbon tetrachloride	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Chlorobenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Chloroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Chloroform	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	7
Chloromethane	< 1.0	1.0	< 1.0	1.0	2	1.0	< 1.0	1.0	60
cis-1,2-Dichloroethene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
cis-1,3-Dichloropropene	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	0.4
Dibromochloromethane	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	50
Dibromomethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Dichlorodifluoromethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Ethylbenzene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Hexachlorobutadiene	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	0.5
Isopropylbenzene	12	1.0	12	1.0	< 1.0	1.0	< 1.0	1.0	5
m + p-Xylene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Methyl Ethyl Ketone	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	50
Methyl-Tert-Butyl-Ether (MTBE)	1.8	1.0	4.2	1.0	< 1.0	1.0	< 1.0	1.0	10
Methylene chloride	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Naphthalene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	10
n-Butylbenzene	4.8	1.0	1.5	1.0	< 1.0	1.0	< 1.0	1.0	5
n-Propylbenzene	2.9	1.0	19	1.0	< 1.0	1.0	< 1.0	1.0	5
o-Xylene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
p-Isopropyltoluene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
sec-Butylbenzene	21	1.0	4.6	1.0	< 1.0	1.0	< 1.0	1.0	5
Styrene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
tert-Butylbenzene	2.6	1.0	1.6	1.0	< 1.0	1.0	< 1.0	1.0	5
Tetrachloroethene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Tetrahydrofuran (THF)	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	50
Toluene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Total Xylenes	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
trans-1,2-Dichloroethene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
trans-1,3-Dichloropropene	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	5
trans-1,4-dichloro-2-butene	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	5
Trichloroethene	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Trichlorofluoromethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5
Trichlorotrifluoroethane	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	NS
Vinyl chloride	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	2

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Shaded & bold values represent concentration exceeding the NYSDEC Ambient Groundwater Quality Standards

Table 7
Groundwater Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Semi-Volatile Organic Compounds (µg/L)									
Sample Identification	MW-1		MW-2		MW-3		MW-3 Dup		NYSDEC Ambient Groundwater Quality Standards (µg/L)
Boring Number	SB-1		SB-2		SB-3		SB-5		
Sample Depth	23.6'		23.76'		23.76'		23.29'		
Sample Date	6/24/2019		6/24/2019		6/24/2019		6/24/2019		
Sample Matrix	GW		GW		GW		GW		
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	
1,2,4,5-Tetrachlorobenzene	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	5
1,2,4-Trichlorobenzene	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
1,2-Dichlorobenzene	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	3
1,2-Diphenylhydrazine	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	0.05
1,3-Dichlorobenzene	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	3
1,4-Dichlorobenzene	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	3
2,4,5-Trichlorophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
2,4,6-Trichlorophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
2,4-Dichlorophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
2,4-Dimethylphenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
2,4-Dinitrophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
2,4-Dinitrotoluene	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
2,6-Dinitrotoluene	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
2-Chloronaphthalene	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	10
2-Chlorophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
2-Methylnaphthalene	< 0.47	0.47	1.2	0.47	< 0.47	0.47	< 0.47	0.47	NS
2-Methylphenol (o-cresol)	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
2-Nitroaniline	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
2-Nitrophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
3&4-Methylphenol (m&p-cresol)	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	NS
3,3'-Dichlorobenzidine	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
3-Nitroaniline	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
4,6-Dinitro-2-methylphenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
4-Bromophenyl phenyl ether	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	NS
4-Chloro-3-methylphenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
4-Chloroaniline	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
4-Chlorophenyl phenyl ether	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
4-Nitroaniline	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
4-Nitrophenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
Acenaphthene	0.87	0.47	0.55	0.47	< 0.47	0.47	< 0.47	0.47	20
Acetophenone	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	
Aniline	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
Anthracene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Benzidine	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
Benzoic acid	< 47	47	< 47	47	< 47	47	< 47	47	NS
Benzyl butyl phthalate	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Bis(2-chloroethoxy)methane	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	5
Bis(2-chloroethyl)ether	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
Bis(2-chloroisopropyl)ether	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	1
Bis (2-ethylhexyl) Phthalate	1.2	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	5
Carbazole	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	NS
Dibenzofuran	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	NS
Diethyl phthalate	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Dimethylphthalate	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Di-n-butylphthalate	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Di-n-octylphthalate	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Fluoranthene	0.6	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Fluorene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Hexachlorobutadiene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	0.5
Hexachlorocyclopentadiene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	5
Isophorone	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Naphthalene	0.56	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	10
Nitrobenzene	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	0.4
N-Nitrosodimethylamine	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	NS
N-Nitrosodi-n-propylamine	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	NS
N-Nitrosodiphenylamine	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	50
Phenol	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	1
Pyrene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Acenaphthylene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	NS
Benzo (a) Anthracene	0.07	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Benzo (a) Pyrene	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Benzo (b) Fluoranthene	0.07	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Benzo (g,h,I) Perylene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	5
Benzo (k) Fluoranthene	0.06	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Chrysene	0.05	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Dibenz(a,h) Anthracene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Hexachlorobenzene	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	0.04
Hexachloroethane	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	0.5
Indeno (1,2,3-cd) Pyrene	0.03	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.002
Pentachloronitrobenzene	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	NS
Pentachlorophenol	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	1
Phenanthrene	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50
Pyridine	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	50

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Shaded & bold values represent concentration exceeding the NYSDEC Ambient Groundwater Quality Standards

Table 8
Groundwater Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Pesticides (µg/L)									
Sample Identification	MW-1		MW-2		MW-3		MW-3 Dup		NYSDEC Ambient Groundwater Quality Standards (µg/L)
Boring Number	SB-1		SB-2		SB-3		SB-5		
Sample Depth	23.6'		23.76'		23.76'		23.29'		
Sample Date	6/24/2019		6/24/2019		6/24/2019		6/24/2019		
Sample Matrix	GW		GW		GW		GW		
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	
4,4' -DDD	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.3
4,4' -DDE	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.2
4,4' -DDT	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.11
a-BHC	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	0.94
Alachlor	< 0.071	0.071	< 0.071	0.071	< 0.071	0.071	< 0.071	0.071	NS
Aldrin	< 0.001	0.001	< 0.010	0.010	< 0.001	0.001	< 0.001	0.001	19
b-BHC	< 0.005	0.005	< 0.050	0.050	< 0.005	0.005	< 0.005	0.005	0.04
Chlordane	< 0.28	0.28	< 0.28	0.28	< 0.28	0.28	< 0.28	0.28	0.5
d-BHC	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	0.05
Dieldrin	< 0.020	0.020	< 0.020	0.020	< 0.001	0.001	< 0.004	0.004	0.004
Endosulfan I	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.009
Endosulfan II	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.009
Endosulfan sulfate	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	NS
Endrin	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.2
Endrin aldehyde	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	5
Endrin ketone	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	NS
g-BHC	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	0.05
Heptachlor	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	0.04
Heptachlor epoxide	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	< 0.024	0.024	0.03
Methoxychlor	< 0.094	0.094	< 0.094	0.094	< 0.094	0.094	< 0.094	0.094	35
Toxaphene	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	NS
PCBs (µg/L)									
PCB-1016	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1221	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1232	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1242	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1248	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1254	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1260	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1262	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09
PCB-1268	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	< 0.047	0.047	0.09

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 9

Groundwater Samples Analytical Results

1665 Stillwell Avenue, Brooklyn, NY

TAL Metals (mg/L)																	
Sample ID	MW-1				MW-2				MW-2 Dup				MW-3				NYSDEC Ambient Groundwater Quality Standards (mg/L)
Boring Number	SB-1				SB-2				SB-2				SB-7				
Sample Depth	23.6'				23.76'				23.76'				23.29'				
Sample Date	6/24/2019				6/24/2019				6/24/2019				6/24/2019				
Sample Matrix	GW		dissolved		GW		dissolved		GW		dissolved		GW		dissolved		
	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	
Aluminum	1.47	0.020	0.064	0.011	0.633	0.020	0.053	0.011	0.331	0.020	0.056	0.011	0.424	0.020	0.052	0.011	200
Antimony	< 0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	3
Arsenic	<0.004	0.004	<0.004	0.004	<0.004	0.004	<0.004	0.004	0.01	0.004	0.005	0.004	0.01	0.004	<0.004	0.004	25
Barium	0.248	0.002	0.179	0.002	0.271	0.002	0.177	0.002	0.236	0.002	0.204	0.002	0.244	0.002	0.205	0.002	1000
Beryllium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	3
Cadmium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	5
Calcium	87.7	0.010	84	0.01	74.5	0.010	74.4	0.01	49.4	0.010	50.1	0.01	50.7	0.010	50.7	0.01	NS
Chromium	0.008	0.001	<0.001	0.001	0.006	0.001	<0.001	0.001	0.002	0.001	<0.001	0.001	0.002	0.001	<0.001	0.001	50
Cobalt	0.004	0.002	0.002	0.001	0.003	0.002	0.001	0.001	<0.002	0.002	<0.001	0.001	<0.002	0.002	<0.001	0.001	NS
Copper	0.019	0.005	<0.005	0.005	0.006	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	200
Iron	10.9	0.010	<0.011	0.011	29.9	0.010	0.292	0.011	10.1	0.010	<0.011	0.011	10.6	0.010	<0.011	0.011	300
Lead	0.018	0.002	0.008	0.002	0.004	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	25
Magnesium	60.4	0.010	57.7	0.01	26.3	0.010	25.4	0.01	23.3	0.010	22.6	0.01	23.9	0.010	22.6	0.01	35,000
Manganese	3.08	0.010	2.81	0.011	6.6	0.010	5.8	0.011	3.68	0.010	3.6	0.011	3.81	0.010	3.55	0.011	300
Nickel	0.048	0.001	0.025	0.001	0.018	0.001	0.007	0.001	0.011	0.001	0.006	0.001	0.013	0.001	0.006	0.001	100
Potassium	9.2	0.1	8.2	0.1	6.6	0.1	5.7	0.1	6.3	0.1	5.7	0.1	6.4	0.1	5.7	0.1	NS
Selenium	<0.010	0.010	<0.011	0.011	<0.011	0.010	<0.011	0.011	<0.010	0.010	<0.011	0.011	<0.010	0.010	<0.011	0.011	10
Silver	<0.001	0.001	<0.002	0.002	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	50
Sodium	133	1.0	140	1.1	121	1.0	112	1.1	211	1.0	217	1.1	224	1.0	213	1.1	20,000
Thallium	<0.0005	0.0005	<0.002	0.002	<0.0005	0.0005	<0.002	0.002	<0.0005	0.0005	<0.002	0.002	<0.0005	0.0005	<0.002	0.002	0.5
Vanadium	0.004	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	0.003	0.002	<0.002	0.002	NS
Zinc	0.032	0.004	0.007	0.002	0.015	0.004	0.004	0.002	0.007	0.004	<0.002	0.002	0.008	0.004	0.003	0.002	2,000
Mercury	<0.0002	0.0002	<0.0002	0.0002	<0.002	0.0002	<0.0002	0.0002	<0.0002	0.0002	<0.0002	0.0002	<0.0002	0.0002	<0.0002	0.0002	0.7

NS…No Standard *RSLT….results* *RL….Reporting Limit*

Table 10
Groundwater Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Sample Identification	MW-1	Reporting Limit	Preliminary Remediation Goals (PRG) (µg/L)	NYSDEC Ambient Groundwater Quality Standards (µg/L)
Boring Number	SB-1			
Sample Depth	23.6'			
Sample Date	6/24/2019			
Sample Matrix	GW			
PFAS in Water (µg/L)				
Perfluorobutanesulfonic acid (PFBS)	0.011	0.002	0.07	NS
Perfluorohexanoic acid (PFHxA)	0.012	0.002	0.07	NS
Perfluoroheptanoic acid (PFHpA)	0.01	0.002	0.07	NS
Perfluorobutanoic acid (PFBA)	0.0072	0.002	0.07	NS
Perfluorodecanesulfonic acid (PFDS)	<0.002	0.002	0.07	NS
Perfluoroheptanesulfonic acid (PFHpS)	<0.002	0.002	0.07	NS
Perfluorooctanesulfonamide (FOSA)	<0.002	0.002	0.07	NS
Perfluoropentanoic acid (PFPeA)	0.011	0.002	0.07	NS
6:2 Fluorotelomersulfonate (6:2 FTS)	0.0083	0.002	0.07	NS
8:2 Fluorotelomersulfonate (8:2 FTS)	<0.002	0.002	0.07	NS
Perfluorohexanesulfonic acid (PFHxS)	0.018	0.002	0.07	NS
Perfluorooctanoic acid (PFOA)	0.069	0.002	0.07	1.1
Perfluorooctanesulfonic acid (PFOS)	0.0086	0.002	0.07	3.7
Perfluorononanoic acid (PFNA)	<0.002	0.002	0.07	NS
Perfluorodecanoic acid (PFDA)	<0.002	0.002	0.07	NS
N-MeFOSAA	<0.002	0.002	0.07	NS
Perfluoroundecanoic acid (PFUnA)	<0.002	0.002	0.07	NS
N-EtFOSAA	<0.002	0.002	0.07	NS
Perfluorododecanoic acid (PFDoA)	<0.002	0.002	0.07	NS
Perfluorotridecanoic acid (PFTrDA)	<0.002	0.002	0.07	NS
Perfluorotetradecanoic acid (PFTA)	<0.002	0.002	0.07	NS
1,4-Dioxane (µg/L)				
1,4-Dioxane	<0.20	0.20	0.07	1

NS…No Standard

ANALYTICAL RESULTS

SOIL VAPOR

TABLES 11

Table 11
Soil Vapor Samples Analytical Results
1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (ug/m3)													
Sample Identification	NYSDOH Air Guideline Value (AGV)	NYSDOH Decision Matrix	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6	
Boring Number			1		2		3		4		5		6	
Sample Date			6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/24/2019	
Sample Matrix			Air		Air		Air		Air		Air		Air	
Units			µg/m3		µg/m3		µg/m3		µg/m3		µg/m3		µg/m3	
			RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL
1,1,1,2-Tetrachloroethane	--	2	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,1-Trichloroethane (TCA)	100		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,2-Trichloroethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1-Dichloroethane	--		< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00
1,1-Dichloroethene	--		< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 0.20	0.20
1,2,4-Trichlorobenzene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2,4-Trimethylbenzene	--		14.6	5.01	18.4	5.01	17.3	5.01	17.4	5.01	9.63	5.01	10.3	1.00
1,2-Dibromoethane(EDB)	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichlorobenzene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichloroethane	--		< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00
1,2-dichloropropane	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,3,5-Trimethylbenzene	--		< 5.01	5.01	< 5.01	5.01	11	5.01	< 5.01	5.01	< 5.01	5.01	1.7	1.00
1,3-Butadiene	--		< 5.00	5.00	12.7	5.00	11.2	5.00	17.9	5.00	15.6	5.00	4.44	1.00
1,3-Dichlorobenzene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,4-Dichlorobenzene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,4-Dioxane	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
2-Hexanone(MBK)	--		< 4.99	4.99	409	4.99	160	4.99	426	4.99	< 4.99	4.99	37.7	1.00
4-Ethyltoluene	--		11.4	5.01	14.3	5.01	15.3	5.01	14.3	5.01	7.91	5.01	7.91	1.00
4-Isopropyltoluene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	1.78	1.00
4-Methyl-2-pentanone(MIBK)	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	4.18	1.00
Acetone	--		420	5.01	997	29.9	316	5.01	1,080	29.9	285	15.0	74.3	1.00
Acrylonitrile	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Benzene	--		9.55	5.01	8.97	5.01	8.21	5.01	11.3	5.01	36.4	5.01	6.77	1.00
Benzyl chloride	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Bromodichloromethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	8.24	1.00
Bromoform	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Bromomethane	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Carbon Disulfide	--		9.24	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	50.7	5.01	20.9	1.00
Carbon Tetrachloride	5	1	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	0.53	0.20
Chlorobenzene	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Chloroethane	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Chloroform	--		< 4.98	4.98	6.78	4.98	< 4.98	4.98	< 4.98	4.98	14.5	4.98	117	1.00
Chloromethane	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	2.08	1.00

AGV….Air Guideline Value

(2) - Per Appendix C of the Final NYSDOH Guidance

Table 11 *Continued…….*

Soil Vapor Samples Analytical Results

1665 Stillwell Avenue, Brooklyn, NY

Volatile Organic Compounds (ug/m3)																
Sample Identification	NYSDOH Air Guideline Value (AGV)	NYSDOH Decision Matrix	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6	
Boring Number			1		2		3		4		5		6	
Sample Date			6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/24/2019		6/24/2019	
Sample Matrix			Air		Air		Air		Air		Air		Air	
Units			µg/m3		µg/m3		µg/m3		µg/m3		µg/m3		µg/m3	
			RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL	RSLT	RL
Cis-1,2-Dichloroethene	--	2	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	24.8	1.00	< 0.20	0.20
cis-1,3-Dichloropropene	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Cyclohexane	--		8.7	4.99	10.6	4.99	10.2	4.99	11.5	4.99	9.98	4.99	10.4	1.00
Dibromochloromethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Dichlorodifluoromethane	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	27.4	4.99	2	1.00
Ethanol	--		61.6	5.01	154	5.01	68.2	5.01	130	5.01	29.2	5.01	15.1	1.00
Ethyl acetate	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Ethylbenzene	--		52.1	4.99	61.2	4.99	50.3	4.99	69.4	4.99	9.37	4.99	21	1.00
Heptane	--		15.4	5.00	39.4	5.00	18.8	5.00	22	5.00	56.5	5.00	9.67	1.00
Hexachlorobutadiene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Hexane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	16.6	5.00	30.8	5.00	8.38	1.00
Isopropylalcohol	--		5.67	5.01	5.43	5.01	6.07	5.01	13.1	5.01	< 5.01	5.01	2.63	1.00
Isopropylbenzene	--		128	5.01	144	5.01	116	5.01	174	5.01	160	5.01	50.1	1.00
m,p-Xylene	--		108	4.99	134	4.99	105	4.99	144	4.99	20.2	4.99	45.6	1.00
Methyl Ethyl Ketone	--		1,540	30.1	2,810	30.1	955	15.0	2,920	30.1	88.4	5.01	84.9	1.00
Methyl tert-butyl ether(MTBE)	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Methylene Chloride	60		< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 3.00	3.00
n-Butylbenzene	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
o-Xylene	--		53.8	4.99	64.2	4.99	63.8	4.99	72.5	4.99	7.2	4.99	24.9	1.00
Propylene	--		186	5.01	232	5.01	118	5.01	246	5.01	177	5.01	30.4	1.00
sec-Butylbenzene	--		< 5.00	5.00	< 5.00	5.00	9.22	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Styrene	--		167	4.98	167	4.98	135	4.98	197	4.98	12.7	4.98	58.7	1.00
Tetrachloroethene (PCE)	30	2	582	1.25	550	1.25	983	1.25	746	1.25	3,730	3.75	231	0.25
Tetrahydrofuran	--		< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	923	15.0	< 1.00	1.00
Toluene	--		25.9	5.01	39.9	5.01	21.7	5.01	29	5.01	31.7	5.01	9.34	1.00
Trans-1,2-Dichloroethene	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
trans-1,3-Dichloropropene	--		< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Trichloroethene (TCE)	2	1	3.57	1.00	23	1.00	42.5	1.00	1.93	1.00	73.6	1.00	3.67	0.20
Trichlorofluoromethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Trichlorotrifluoroethane	--		< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Vinyl Chloride	--	1	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.66	1.00	1.19	0.20

AGV….Air Guideline Value

(2) - Per Appendix C of the Final NYSDOH Guidance

Attachment D

Section IV: Property Information

SECTION IV: PROPERTY INFORMATION

The Subject Property is located in the western portion of the Brooklyn (Kings County), NY. The Tax Map number for the Subject Property is Block 6618; Lot 48 (Figure 3).

Site Location and Description:

The Site is located on the eastern side of Stillwell Avenue between Kings Highway to the north and Quentin Road to the south in the Gravesend section of Brooklyn (Kings County), NY. The Site currently contains a vacant one story commercial building with no basement, and paved parking. The Site is enclosed by a one story building (Brooklyn Public Library) and a two story mixed-use building to the east, by a one story commercial building (garage) to the north, by a 2.5 story residential building to the south, and Stillwell Avenue to the west. The elevation of the Subject Property is approximately 20 feet above sea level (USGS 7 1/2-Minute Coney Island, Brooklyn, NY Quadrangle, 2013).

The total area of the Subject Property is approximately 8,000 square feet (0.184 acres). The footprint of the building currently occupying the Site is approximately 2,400 square feet in area. The Subject Property is currently vacant pending demolition of the existing building for redevelopment of the Site.

Current Zoning and Land Use

The Site is located in an R6B; Residential District zone, with commercial overlay C2-3. The C2-3 overlay allows for commercial usage on the first and second floors with a maximum commercial floor area ratio (FAR) of 2.0, and subject to commercial bulk rules. The occupancy code with the New York City Department of Finance for the Subject Property is listed as K1; Store Building. The adjoining and surrounding area are used for residential, commercial and institutional purposes. The proposed development will comply with existing zoning.

Past Use of the Site:

Past usage of the Subject Property included a dairy, thrift shop and drycleaners. Information obtained from City Directory for the Phase I Environmental Site Assessment identified previous occupants as Grandview Dairy (from around year 1970 and 1973); Stillwell Dairy (in year 1976); Wonder Hostess Thrift Shop (around year 1985 and 1997); and then converted to a drycleaner (in 1999 - NYCDOB job number 300846155), and occupied by Ideal Cleaners from around 2000 through 2014. Information obtained from the NYCDOB records for the Subject Property indicated usage of the Site was "ice cream dispensing stand" at 1671-1673 Stillwell Avenue in 1955 (Certificate of Occupancy # 142477, dated 01/19/1955); and "food store, with one loading/unloading berth and twelve accessory auto parking in open space" at 1665-1673 Stillwell Avenue, lots 48 and 50 (Certificate of Occupancy # 195912, dated 11/09/1966).

Site Geology and Hydrogeology:

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore, to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The soil type identified on-Site consists mainly of brown, fine-grained silty to clayey soil, containing rocks. Groundwater was encountered at a depth of 16.89 to 17.25 feet below grade. Groundwater flow direction in the vicinity of the Subject Property is towards the southwest, in the direction of the Gravesend Bay. The Gravesend Bay is located approximately 1.05 miles from the Subject Property.

Surface water runoff on the Subject Property flows to the surrounding Streets that are connected to the City storm water sewer system.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Number 3604970351F (effective September 2007) for the Site area was reviewed to assess whether the Site is located within a designated flood plain or flood zone. The FIRM indicated that the Site is located within flood Zone X. Areas within flood Zone X identified as Other Areas on the map (i.e., no hatch pattern) are determined to be outside the 0.2% annual chance or 500-year floodplain (Figure 6).

Environmental Assessment:

Information obtained from the Phase II Subsurface Investigation performed at the Site on June 19th, and 24th, 2019, identified the metal Lead in the surface soil in the southern portion of the Site at the location of soil boring SB-4, exceeding its respective Restricted Use SCOs Part 375-6.8(b) Residential. This was the only hotspot area that contained levels above its RRSCO. Other metals were detected, with a few exceeding UUSCOs only. VOCs and SVOCs were identified in the groundwater. The chlorinated related VOCs Tetrachloroethene (PCE) (ranging from 231µg/m3 to 3,730µg/m3) and Trichloroethene (TCE) (ranging from 1.93µg/m3 to 73.6µg/m3) were identified in all of the soil vapor samples exceeding the NYSDOH Air Guideline Value (AGV) and the NYSDOH Decision Matrix.

- Soil Contamination:

Acetone was identified in in the northern portion of the Site at soil boring SB-6, 0-2 feet at a level of 51 S exceeding UUSCOs. Acetone is a laboratory solvent and may not be representative of contaminants at the Subject Property.

Target Analyte List (TAL) Metals were identified in the soil samples, obtained from soil boring SB-1 through SB-7. The TAL Metals identified in the soil samples exceeding UUSCOs included Chromium ranging from 30.2 mg/kg to 30.5 mg/kg; Copper ranging from 52.3 mg/kg to 74.1 mg/kg; Lead ranging from 92.8 mg/kg to 547 mg/kg; Nickel ranging from 32.7 mg/kg to 111 mg/kg; Mercury ranging from 0.26 mg/kg to 0.29 mg/kg; and Zinc ranging from 131 mg/kg to 433 mg/kg. Only one TAL Metal (Lead in SB-4) was identified exceeding its respective RRSCOs, detected at a level of 547 mg/kg (0-2 feet).

The TAL Metals detected exceeding their respective UUSCOs were mainly from the soil samples obtained at a level of 0-2 feet below grade, and is expected to be excavated during redevelopment of the Site.

No TAL Metals were identified exceeding its respective *SCOs commercial*. The proposed end-use of the Site will be commercial usage.

- Groundwater Contamination:

Four **VOCs** were identified in the groundwater samples obtained from monitoring well MW-1 and MW-2 exceeding their respective AWQSGVs. The VOCs identified above their respective AWQSGVs are 2-Isopropyltoluene identified in MW-1 at a maximum level of 9.5 µg/L and in MW-2 at a maximum level of 5.5µg/L; Isopropylbenzene identified in MW-1 and MW-2 at a maximum level of 12µg/L; n-Propylbenzene identified in MW-2 at a maximum level of 19µg/L; and sec-Butylbenzene identified in MW-1 at a maximum level of 21µg/L.

Five **SVOCs** were identified in the groundwater samples obtained from MW-1 exceeding their respective AWQSGVs. The SVOCs identified in the groundwater sample from MW-1 exceeding their respective AWQSGVs, are Benzo (a) Anthracene identified at a level of 0.07 µg/L; Benzo (b) Fluoranthene identified at a level of 0.07 µg/L; Benzo (k)

Fluoranthene identified at a level of 0.06 µg/L; Chrysene identified at a level of 0.05 µg/L; and Indo (1,2,3-cd) Pyrene identified at a level of 0.03 µg/L

Monitoring well MW-1 and MW-2 were installed up-gradient in the northeast and eastern portion of the Site. The VOCs and SVOCs identified exceeding groundwater quality standards are likely from an on-site and off-site sources. The northern adjacent property was historically a gasoline station and currently used as an auto repair facility. VOCs or SVOCs were not detected in the groundwater sample from the down-gradient monitoring well sample. The proposed usage of the northeastern and eastern portion of the Site will be parking space.

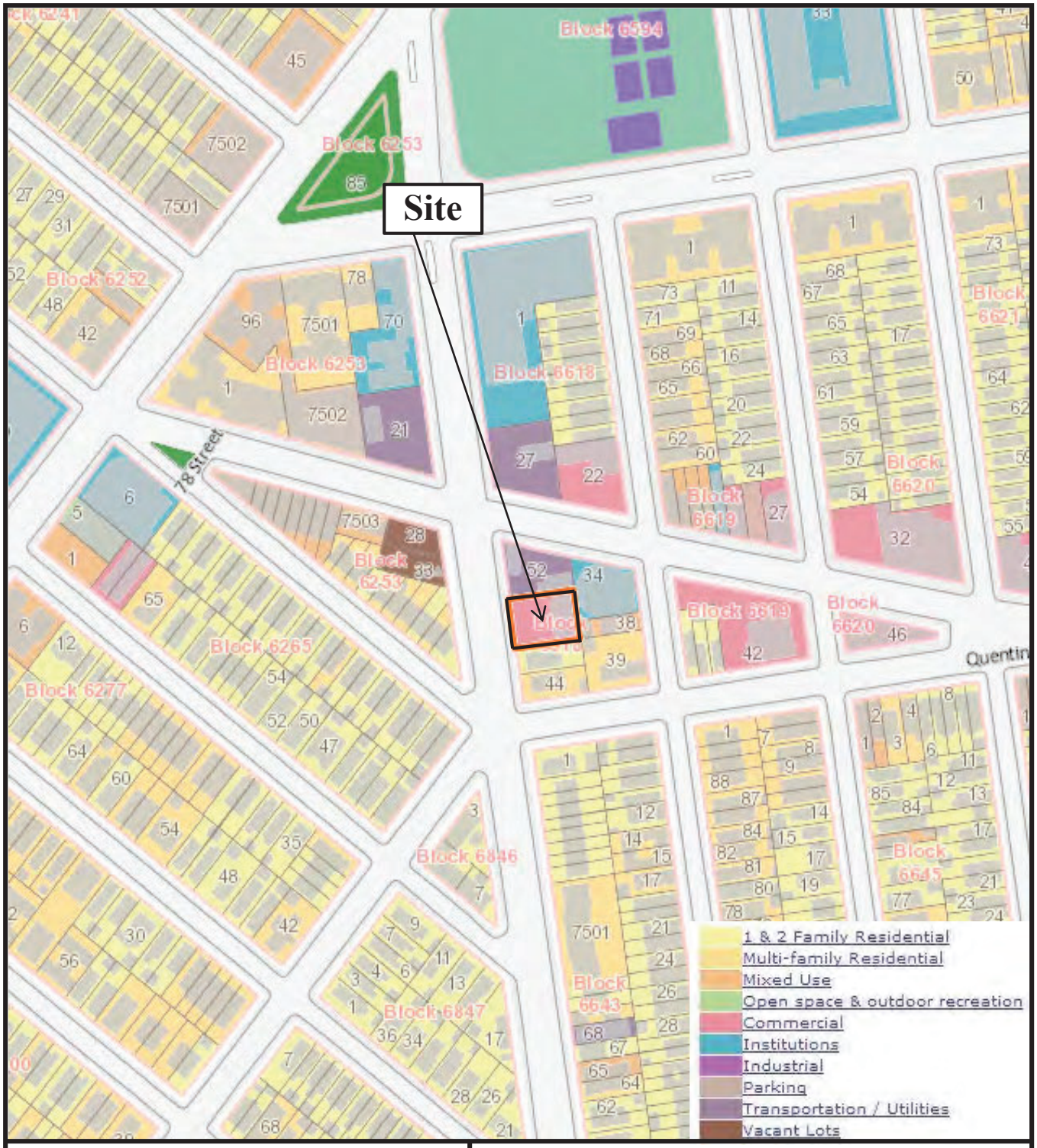
- Soil Vapor Contamination:

VOCs were identified in all six soil vapor samples obtained throughout the Site. Chlorinated related VOCS detected in the soil vapor samples included Tetrachloroethene (PCE) at concentrations ranging from 231µg/m^3 to 3,730µg/m^3; and Trichloroethene (TCE) at concentrations ranging from 1.93µg/m^3 to 73.6µg/m, above monitoring level ranges established within the NYSDOH Soil Vapor Guidance Matrices, and above the minimum soil vapor concentrations, as set forth in the NYSDOH AGV. SV-5 and SV-6 were installed in the proposed parking area and the former storage shed and building. The highest levels of soil vapor contamination was detected in the storage shed where the dry cleaning chemicals were stored. The storage shed is located up-gradient and the ground surface in the shed was observed paved with concrete.

Field activities of the Phase II Subsurface Investigation consisted of a Ground penetrating Radar (GPR) survey and the installation and sampling of seven (7) soil borings, three (3) temporary monitoring wells and six (6) soil vapor probes.

FIGURES

4. SURROUNDING LAND USAGE
5. SOIL CONTAMINATION MAP
6. GROUNDWATER CONTAMINATION MAP
7. SOIL VAPOR CONTAMINATION MAP



American
Environmental Assessment & Solutions, Inc.

679 Lafayette Avenue, 3rd Floor
Brooklyn, NY 11216
Tel: 718-209-0653/Fax: 718-906-4090
www.AEASinc.com

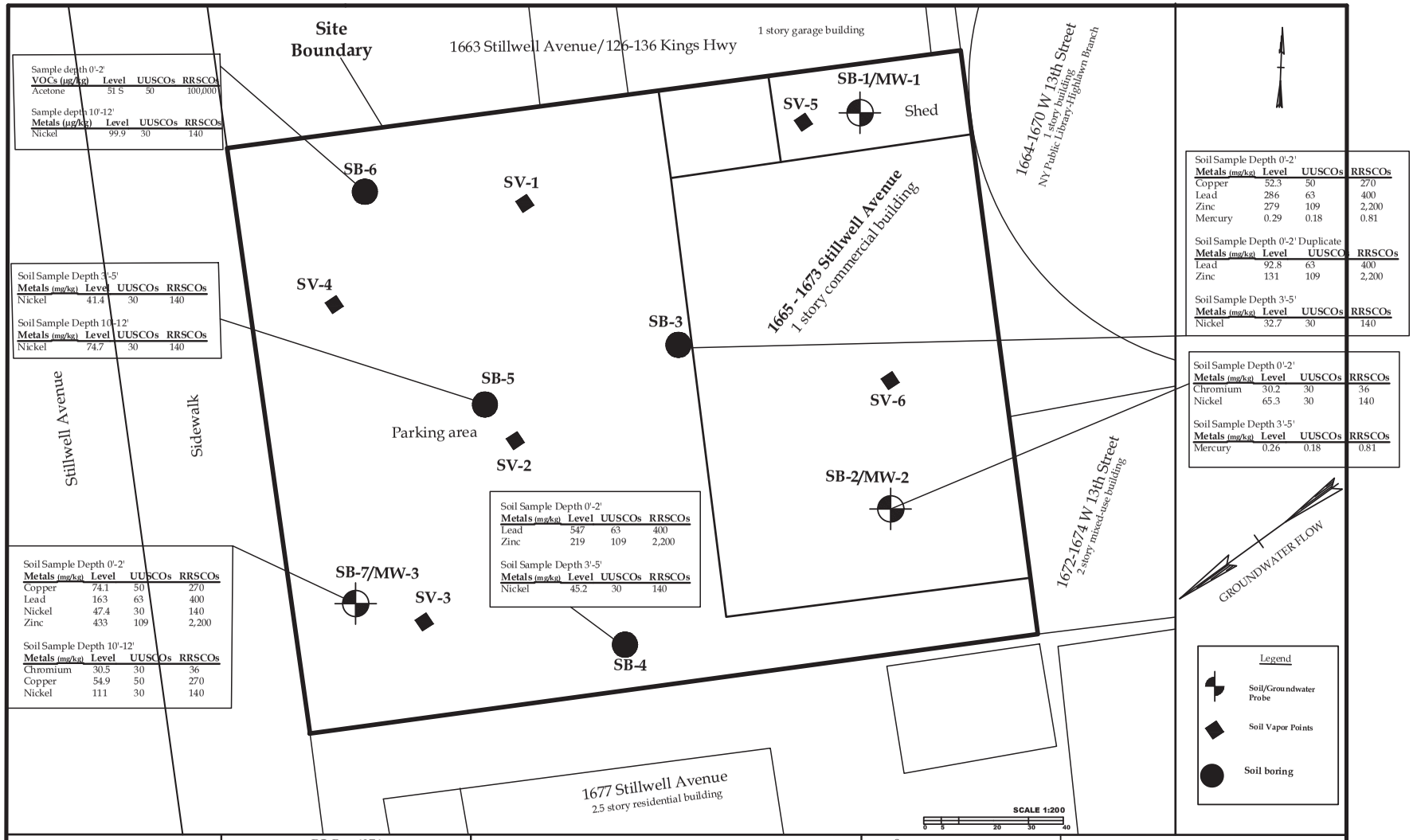
N

SURROUNDING LAND USE

Site Name: STILLWELL AVENUE

Address: 1665 – 1673 Stillwell Avenue
Brooklyn, NY 11223

Project No.: 19-0115-I



Sample depth 0'-2'

VOCs (µg/kg)	Level	UUSCOs	RRSCOs
Acetone	51 S	50	100,000

Sample depth 10'-12'

Metals (µg/kg)	Level	UUSCOs	RRSCOs
Nickel	99.9	30	140

Soil Sample Depth 3'-5'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Nickel	41.4	30	140

Soil Sample Depth 10'-12'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Nickel	74.7	30	140

Soil Sample Depth 0'-2'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Copper	74.1	50	270
Lead	163	63	400
Nickel	47.4	30	140
Zinc	433	109	2,200

Soil Sample Depth 10'-12'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Chromium	30.5	30	36
Copper	54.9	50	270
Nickel	111	30	140

Soil Sample Depth 0'-2'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Lead	547	63	400
Zinc	219	109	2,200

Soil Sample Depth 3'-5'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Nickel	45.2	30	140

Soil Sample Depth 0'-2'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Copper	52.3	50	270
Lead	286	63	400
Zinc	279	109	2,200
Mercury	0.29	0.18	0.81

Soil Sample Depth 0'-2' Duplicate

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Lead	92.8	63	400
Zinc	131	109	2,200

Soil Sample Depth 3'-5'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Nickel	32.7	30	140

Soil Sample Depth 0'-2'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Chromium	30.2	30	36
Nickel	65.3	30	140

Soil Sample Depth 3'-5'

Metals (mg/kg)	Level	UUSCOs	RRSCOs
Mercury	0.26	0.18	0.81

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Brooklyn, New York 11216
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www.AEASinc.com

1665-1673 Stillwell Avenue Brooklyn, NY 11223

Source: Field Notes

Sheet Title: FIGURE 5 Exceedances in Soil

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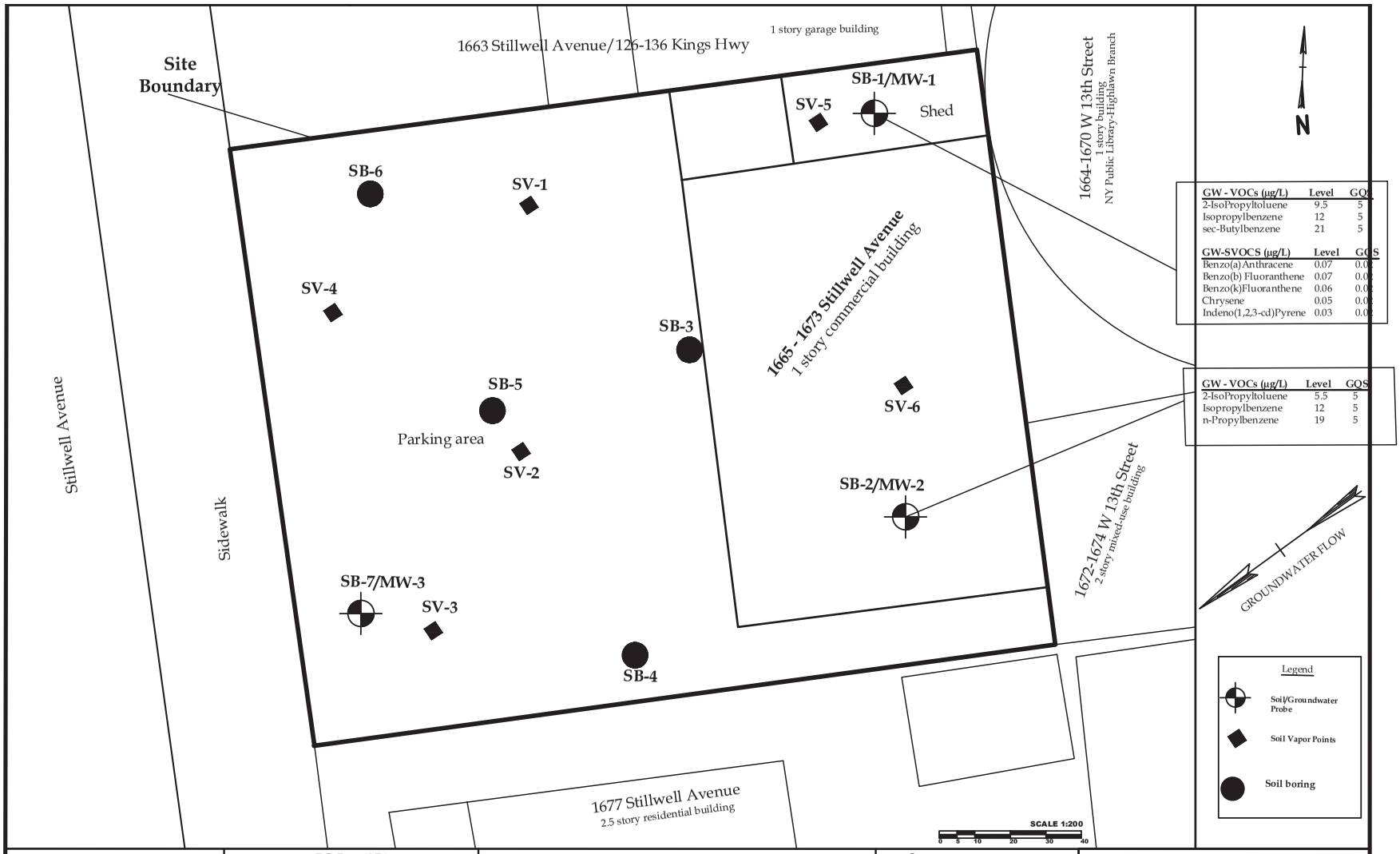
PROJ NO: 1 –I
DR- ': -
- ': DBO
SC =: :200



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www.AEASinc.com

1665-1673 Stillwell Avenue Brooklyn, NY 11223

Source: Field Notes

Sheet Title: FIGURE 6 Exceedances in Groundwater

DATE:	02/16/21
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PROJ NO:	19-0115-I
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APP'D BY:	DBO
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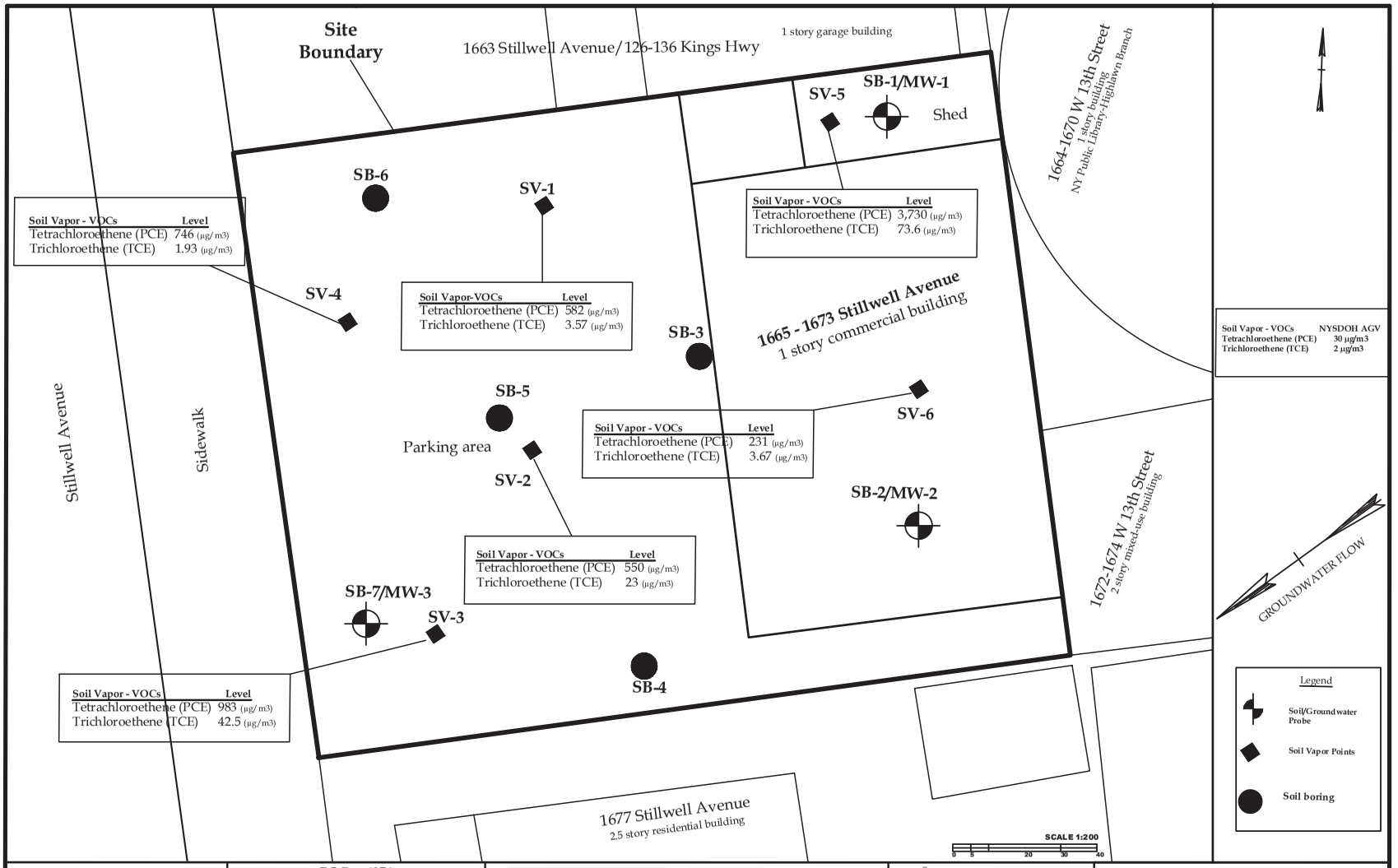

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679 Lafayette Avenue, 3rd Floor
Brooklyn, New York 11216

Phone: (718) 209-0653 Fax: (718) 906-4090
www.AEASinc.com

1665-1673 Stillwell Avenue
Brooklyn, NY 11223

Source:
Field Notes

Sheet Title:
FIGURE 7
Exceedances in Soil Vapor

D-I=:	02/16/21
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- ':	DBO
SC =:	:200

Attachment E

Section V: Additional Requestor Information

SECTION V: ADDITIONAL REQUESTOR INFORMATION

Representative Name, Address, etc.:

The Requestor representative information is as follows:

Mr. Sai Truong

Refulgence LLC

8738 20th Avenue

Brooklyn, NY 11214

Telephone: 917-566-6913

Email: saitruong@yahoo.com

Consultant and Attorney Name, Address, etc.:

The Environmental Consultant and Environmental Attorney information are as follows:

Antoinette Ollivierre

American Environmental Assessment & Solutions, Inc.

679 Lafayette Avenue

Brooklyn, NY 11216

Telephone: 718-209-0653

Email: info@aeasinc.com

Mr. Lawrence Schnapf

Schnapf LLC

55 East 87th Street, #8B

New York, NY 10128

Telephone: 212-876-3189

Email: Larry@schnapflaw.com

Previous Property Owners:

Based on recorded deeds in the New York City Automated City Register Information System (ACRIS) database, the following parties had title to the property.

Year	Deed Holder	Relationship to Requestor
2014-present	Refulgence LLC	Requester
1978	1665 Stillwell Ave Family Realty Corp 2715 West 15th Street, Brooklyn, NY 11224	Seller
1973	Stillwell Dairy Inc.	None
1966	Charjo Realty Co Inc.	None

Previous Property Owners / Operators:

Based on information listed in the ACRIS database and City Directory, the following parties were once connected to the property.

Year	Operator	Relationship to Requestor
2014	Ideal Cleaners	None - City Directory info
2007	Stillwell Cleaners, M.S., Inc.	None – ACRIS info
2000, 2005, 2010	Stillwell Cleaners	None - City Directory info
1985, 1997	Wonder Hostess Thrift Shop	None - City Directory info
1978	Villa Naples Restaurant Inc.	None – ACRIS info
1973-1978	Stillwell Dairy Inc.	None – ACRIS info
1970, 1973	Grandview Dairy	None - City Directory info

The Requestor do not have, nor ever had a relationship with the past owners or operators of the Subject Property that cause the existing contamination.

Attachment F

Section VII: Requestor Eligibility Information

SECTION VII: REQUESTOR ELIGIBILITY INFORMATION

Refulgence LLC (the Requestor) intends to redevelop the Site into a commercial building. There are no open spill numbers or enforcement actions pending, and there are no ongoing operations so there is no threat of any potential future release.

The applicant, Refulgence LLC, qualifies as a volunteer because (i) all disposals of hazardous substances occurred prior to the date the Requestor acquired title; and (ii) the Requestor does not have any affiliation with responsible parties. Since acquiring title, the Requestor has exercised appropriate care by conducting sampling under the supervision of the NYC Office of Environmental Remediation to determine the presence of contamination, has secured the Site to prevent exposure to previously released hazardous substances, scheduled a pre-application meeting with NYSDEC to discuss the environmental conditions at the property and submitting this application to enroll in the BCP. In addition, a Qualified Environmental Professional performed a site walk through of the Site after the Requestor acquired title and did not identify any evidence that there have been any ongoing releases and there have not been any new or threatened releases during Requestor's ownership of the Property.

Attachment G

Section IX: Contact List Information

SECTION IX: CONTACT LIST INFORMATION

Local Government Contacts:

William de Blasio Mayor of New York City City Hall New York, NY 10007	Eric Adams Brooklyn Borough President 209 Joralemon Street Brooklyn, NY 11201
William Guarinello Chair, Brooklyn Community Board 11 2214 Bath Avenue Brooklyn, New York 11214	Marnee Elias-Pavia, District Manager Brooklyn Community Board 11 2214 Bath Avenue Brooklyn, New York 11214
Kalman Yeger NYC Council Member -44th District 4424 16th Avenue Brooklyn, NY 11204	Marisa Lago Chair of Depart. of City Planning & Zoning 22 Reade Street New York, NY 10007-1216
Keith Bray NYC Department of Transportation Brooklyn Borough Commissioner 55 Water Street, 9th Floor New York, NY 10041	Nancy T. Sunshine, County Clerk Kings County Clerk's Office 360 Adams Street, Room 189 Brooklyn, NY 11201
Ms. Letitia James Public Advocate 1 Centre Street, 15th Floor New York, NY 10007	Hon. Scott M. Stringer Office of the Comptroller 1 Centre Street New York, NY 10007
William Colton – District 47 NYS Assembly Member 155 Kings Highway Brooklyn, NY 11223	Hon. Charles Schumer U.S. Senator 757 Third Avenue, Suite 17-02 New York, NY 10017

Congressman – District 10 Jerrold Nadler 6605 Fort Hamilton Parkway Brooklyn, NY 11219	Office of Environmental Planning & Assessment NYC Dept. of Environmental Protection 96-05 Horace Harding Expressway Flushing, NY 11373
NYC Office of Environmental Coordination 253 Broadway – 14th Floor New York, NY 10007	Mark McIntyre NYC Depart. of Environmental Remediation 100 Gold Street New York, NY 10038

Adjacent Property Owner Contacts:

Contact information for the identified owners, as listed in the New York City ACRIS Database, are as follows:

Direction	Adjacent Properties	Owner
North	1663 Stillwell Avenue / 126-136 Kings Hwy 1 story commercial building (garage).	Goodview LLC Greenview Queens Realty LLC
South	1677 Stillwell Avenue 2.5 story residential building.	Peter Konstas Maria Konstas
East	1672-1674 West 13th Street 2 story mixed-use building.	Anchor Equity Holding LLC
	1664-1670 West 13th Street 1 story public building (Brooklyn public library-Highlawn branch).	Brooklyn Public Library
West	2271 78th Street 2 story residential building.	Gao Ming Yang Yan Fen Yang Zheng Jian
	2273-2279 78th Street 2 story residential building.	Simon Attias Sheryl Attias

South at end of Block 6618

1683 Stillwell Avenue / 1 Quentin Road

Owners: Demetrios Konstas, Smaro Konstas, Despinad Konstas

Southeast end of block

13-27 Quentin road / 1676 – 1684 West 13th Street

Anchor Equity Holding LLC

Public Water Supplier:

New York City Department of Environmental Protection

Bureau of Water Supply

1250 Broadway - 8th Floor

Manhattan, NY 10001

Requested Contacts:

No requests have been made at this time.

Schools and Daycare Facilities:

The following Schools and Daycare facilities were identified within a one-half mile radius of the project site

Gold Material Montessori School

105 Kings Hwy, Brooklyn, NY 11214

(718) 253-2552

Maksim Kondrukevich

Intermediate School 96

99 Avenue P, Brooklyn, NY 11204

718-236-1344

Erin, Lynch, Principal

PS 97 – The Highlawn

1855 Stillwell Avenue, Brooklyn, NY 11223

718-627-7550

Irina Cabello, Principal

Hebrew Language Academy Charter School 2

1870 Stillwell Avenue, Brooklyn NY 11223

718-682-5610

Ashley Furan, Head of School

Brooklyn School of Inquiry

50 Avenue P, 4th Floor, Brooklyn, NY 11204

Phone: 718)-621-573

Debra Nier, Administrative Secretary

Success Academy

99 Avenue P, Floor 4, Brooklyn, NY 11204

347-514-7082

Kerri Lynch, Principal

PS 128 Bensonhurst

2075 84th Street, Brooklyn, NY 11214

718-373-5900

Jessica Drzewucki, Principal / Administrator

Sinai Academy Junior High and High School

2025 79th Street, Brooklyn, NY 11214

718-256-7400

Rabbi Aryeh Katzin, Principal

St. Peter Catholic Academy

8401 23rd Avenue, Brooklyn, NY 11214

718-372-0025

Danielle Alfeo, Principal

Atidaynu - Our Future School, LLC

7914 Bay Parkway, Brooklyn, NY 11214

718-233-9098

Simi Bazov, Principal

Stillwell Avenue Prep & Nursery

1990 Stillwell Avenue, Brooklyn, NY 11223

718-265-2220

Candy Juba, Executive Director

Brooklyn Studio Secondary School

8310 21st Avenue, Brooklyn, NY 11214

718-266-5032

Andrea Cilliotta, Principal

Magen David Yeshivah Celia Esses High School

7801 Bay Parkway, Brooklyn, NY 11214

718-331-4002

Rabbi Saul Zucker, Principal

Document Repository:

The following location will serve as a repository for public access to documents generated under the BCP program:

Brooklyn Public Library – Highlawn Branch

1664 West 13th Street, at Kings Highway

Brooklyn, NY 11223

718-234-7208

Hours:

Monday: 10:00 AM - 6:00 PM

Tuesday: 10:00 AM - 8:00 PM

Wednesday: 10:00 AM - 6:00 PM

Thursday: 1:00 PM - 8:00 PM

Friday: 10:00 AM - 6:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: Closed

William Guarinello

Chair, Brooklyn Community Board 11

2214 Bath Avenue

Brooklyn, New York 11214

Hours:

Monday: 10:00 AM - 6:00 PM

Tuesday: 10:00 AM - 8:00 PM

Wednesday: 10:00 AM - 6:00 PM

Thursday: 1:00 PM - 8:00 PM

Friday: 10:00 AM - 6:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: Closed

Please see repository acknowledgement letters attached.

American
Environmental Assessment & Solutions, Inc.

Mailing:
PO Box 6376
North Babylon, New York 11703

Business:
679 Lafayette Avenue, 3rd Floor
Brooklyn, New York 11216

Telephone: (718) 209-0653 ♦ Fax: (718) 906-4090
Email: info@AEASinc.com
www.AEASinc.com

June 11th, 2020

Mr. William Guarinello
Brooklyn Community Board 11
2214 Bath Avenue
Brooklyn, NY 11214

Re: Document Repository for 1665 Stillwell Avenue Site

Dear Mr. Guarinello;

American Environmental Assessment & Solutions, Inc. (American Environmental) is submitting a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application on behalf of Refulgence LLC, for the property located at 1665 Stillwell Avenue, Brooklyn, NY. This letter is to request the Brooklyn Community Board 11 located at 2214 Bath Avenue, to serve as a designated repository for the above referenced project, to facilitate citizen access to project documents for the duration of the Site's involvement with the BCP, or until the NYSDEC determines that the documents are no longer needed.

Please indicate your understanding and agreement by signing below and returning a copy of the signed letter to us via email at info@aeasinc.com.

Please feel free to contact me at 718-209-0653 if you have questions or need additional information.

Thank you,
American Environmental Assessment & Solutions, Inc.

Antoinette Ollivierre
Principal, Senior Geologist

Please sign, and return one copy of the signed letter to our office.

Acknowledged and Accepted By:

Marisa Lago, Dist Mgr. 7/6/2020

Brooklyn Community Board 11 Date

American
Environmental Assessment & Solutions, Inc.

Mailing:
PO Box 6376
North Babylon, New York 11703

Business:
679 Lafayette Avenue, 3rd Floor
Brooklyn, New York 11216

Telephone: (718) 209-0653 ♦ Fax: (718) 906-4090
Email: info@AEASinc.com
www.AEASinc.com

January 9th, 2020

Brooklyn Public Library - Highlawn Branch
1664 West 13th Street
Brooklyn, NY 11223

Re: Document Repository for 1665 Stillwell Avenue Site

Dear Managing Librarian;

American Environmental Assessment & Solutions, Inc. (American Environmental) is submitting a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application on behalf of Refulgence LLC, for the property located at 1665 Stillwell Avenue, Brooklyn, NY. This letter is to request the Brooklyn Public Library – Highlawn Branch located at 1664 West 13th Street at Kings Highway, to serve as a designated repository for the above referenced project, to facilitate citizen access to project documents for the duration of the Site's involvement with the BCP, or until the NYSDEC determines that the documents are no longer needed.

Please indicate your understanding and agreement by signing below and returning a copy of the signed letter to us via email at info@aeasinc.com.

Please feel free to contact me at 718-209-0653 if you have questions or need additional information.

Thank you,
American Environmental Assessment & Solutions, Inc.

Antoinette Ollivierre
Principal, Senior Geologist

Please sign, and return one copy of the signed letter to our office.

Acknowledged and Accepted By:

Brooklyn Public Library-Highlawn Branch

1/29/2020
Date

Attachment H

Section X: Land Use Factors

SECTION X: LAND USE FACTORS

Zoning

The Site is located in an R6B; Residential District zone, with commercial overlay C2-3. The C2-3 overlay allows for commercial usage on the first and second floors with a maximum commercial floor area ratio (FAR) of 2.0, and subject to commercial bulk rules. The occupancy code with the New York City Department of Finance for the Subject Property is listed as K1; Store Building. The Little "E" Restriction for the Subject Property is listed as "***Hazmat***". The adjoining and surrounding area are used for residential, commercial and institutional purposes. The proposed development will comply with existing zoning.

Current Site Use

The Site consists of a 0.184-acre rectangular-shaped lot containing an existing vacant one story commercial building, and paved parking area. The Site is located on the eastern side of Stillwell Avenue between Kings Highway to the north and Quentin Road to the south. The Site is currently vacant pending demolition of the existing building for redevelopment of the Site. The previous occupant of the Site was identified as Ideal Cleaners. Known contaminants at the Site has been caused by historic use of the Site, and surrounding property usage.

Proposed Site Use

The proposed redevelopment plan includes remediation of subsurface contaminants and the construction of a five story commercial building with a cellar. The footprint of the building upon completion will be approximately 4,030 square feet, and will cover 65 percent of the Site. The cellar of the building will contain the electric room, refuse room, bicycle parking, elevator, gas and sprinkler room, common areas. The building will contain sixteen units for commercial usage. The eastern portion of the Subject Property will be a rear yard containing eight parking spaces. A driveway will be constructed on

the southern part of the Site, providing access to the rear yard. A copy of Architectural drawings of the proposed Site development is attached.

FIGURES

Click blue outline on map to view diagram of **proposed** zoning change

600 0 600 1200 1800 FEET

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an **R**, **C** or **M** District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

09-26-2018 C 180029 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

N

MAP KEY

22a	22c	23a
22b	**22d**	23b
28a	28c	29a

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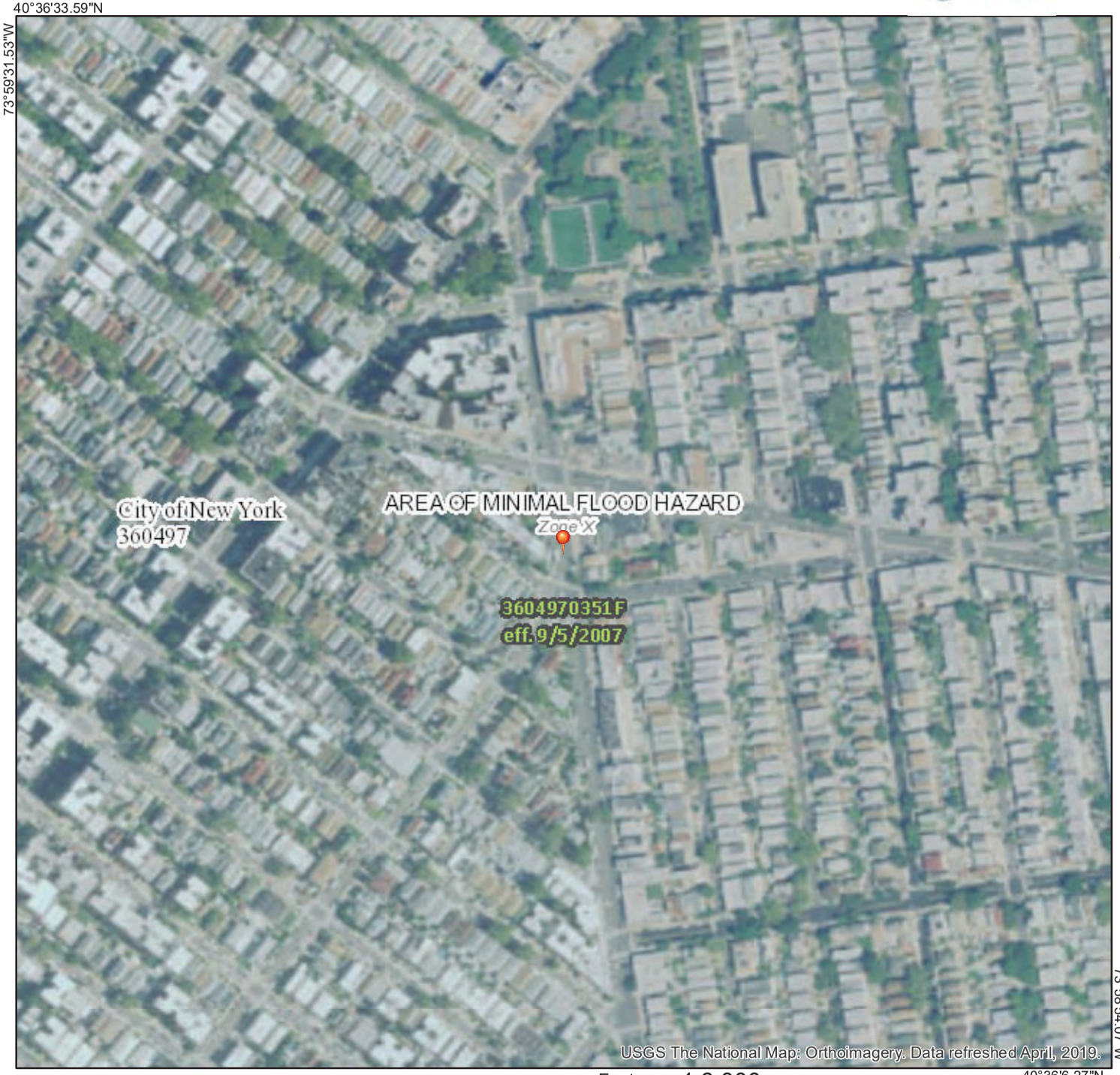
ZONING MAP **22d**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

National Flood Hazard Layer FIRMette

FEMA



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 — Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/9/2019 at 7:38:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.