

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:

ART A (note: application is sep	arated into Parts A	and B for DEC rev	iew pur	poses) BCP App Rev 5	
Section I. Requestor Information	on - See Instruction	ons for Further Guid	dance	DEC USE ONLY BCP SITE #:	
NAME					
ADDRESS					
ZITY/TOWN ZIP CODE					
PHONE	FAX		E-MAIL		
above, in the <u>NYS Depar</u> information from the data Conservation (DEC) with in NYS. SEE ATTACHM Do all individuals that will be cert Individuals that will be ce	oration, LLC, LLP o onduct business in N tment of State's Con base must be subm the application, to o ENT A ifying documents m rtifying BCP docume <u>: Technical Guidano</u> tion Law. <b>Docume</b>	r other entity requirin NYS, the requestor's rporation & Business nitted to the New York document that the requirements neet the requirements ents, as well as their ce for Site Investigati	ng author name m <u>Entity D</u> k State D questor i s detailed employe	bust appear, exactly as given <u>Database</u> . A print-out of entity Department of Environmental is authorized to do business d below? Yes No ers, meet the requirements <u>Remediation</u> and Article 145	
Section II. Project Description					
1. What stage is the project start	ing at?	Investigation		Remediation	
2. If the project is starting at the Analysis, and Remedial Work Pl <u>Investigation and Remediation</u> for	an must be attached	d (see <u>DER-10 / Tec</u>			
3. If a final RIR is included, pleas (ECL) Article 27-1415(2):	se verify it meets the Yes No	e requirements of En	vironme	ntal Conservation Law	
4. Please attach a short descript	ion of the overall de	evelopment project, i	ncluding	:	
<ul> <li>the date that the remedia</li> </ul>	I program is to star	t; and			
• the date the Certificate of SEE ATTACHMENT B	f Completion is antion	cipated.			

#### 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):

 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). SEE ATTACHMENT C

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

Contaminant Category	Soil	Groundwater	Soil Gas	
Petroleum				
Chlorinated Solvents				
Other VOCs				
SVOCs				
Metals				
Pesticides				
PCBs				
Other*				
*Please describe:				
3. FOR EACH IMPACTED MEDIUM INDICATED ABOVE, INCLUDE A SITE DRAWING INDICATING: SEE ATTACHMENT C				

- 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 (*answering No will result in	-	-	Yes	Νο
4. INDICATE PAST LAND US	ES (CHECK ALL TH	AT APPLY):		
Coal Gas Manufacturing Salvage Yard Landfill	Manufacturing Bulk Plant Tannery	Agricultural Co-op Pipeline Electroplating	Dry Cleane Service Sta Unknown	
Other:				

Section IV. Property Information - See Instructions	s for Fu	rther Guida	nce SEE A	TTACHMEN	ТD
PROPOSED SITE NAME					
ADDRESS/LOCATION					
CITY/TOWN ZIP C	ODE				
MUNICIPALITY(IF MORE THAN ONE, LIST ALL):					
COUNTY	S	ITE SIZE (AC	RES)		
LATITUDE (degrees/minutes/seconds)	LONG	TUDE (degre	es/minutes/se	econds)	"
COMPLETE TAX MAP INFORMATION FOR ALL TAX PAP BOUNDARIES. ATTACH REQUIRED MAPS PER THE AP				ROPERTY	
Parcel Address		Section No.	Block No.	Lot No.	Acreage
<ol> <li>Do the proposed site boundaries correspond to tay If no, please attach a metes and bounds description</li> </ol>			unds?	Yes	No
2. Is the required property map attached to the applic (application will not be processed without map)	ation?			Yes	No
3. Is the property within a designated Environmental (See <u>DEC's website</u> for more information)	Zone (E	n-zone) pure	suant to Tax Ye		6)?
If yes, ic	lentify c	ensus tract :			
Percentage of property in En-zone (check one):	0-49	9% 5	50-99%	100%	)
<ol> <li>Is this application one of multiple applications for a project spans more than 25 acres (see additional of</li> </ol>					opment es No
If yes, identify name of properties (and site numbe applications:	rs if ava	ilable) in rela	ated BCP		
<ol> <li>Is the contamination from groundwater or soil vapor subject to the present application?</li> </ol>	or solely	emanating f	rom propert	y other than Ye	
<ol> <li>Has the property previously been remediated purs ECL Article 56, or Article 12 of Navigation Law? If yes, attach relevant supporting documentation.</li> </ol>	uant to	Titles 9, 13, o	or 14 of ECL	Article 27, Ye	
<ol> <li>Are there any lands under water?</li> <li>If yes, these lands should be clearly delineated on</li> </ol>	the site	map.		Ye	es No

Section IV. Property Information (continued)		
<ol> <li>Are there any easements or existing rights of way that would pull If yes, identify here and attach appropriate information.</li> </ol>	reclude remediation in these areas? Yes No	
Easement/Right-of-way Holder	Description	
<ol><li>List of Permits issued by the DEC or USEPA Relating to the Pr information)</li></ol>	oposed Site (type here or attach	
Type Issuing Agency	Description	
<ol> <li>Property Description and Environmental Assessment – pleas the proper format of <u>each</u> narrative requested.</li> </ol>	e refer to application instructions for	•
Are the Property Description and Environmental Assessment	narratives included Yes	No
11. For sites located within the five counties comprising New York		
determination that the site is eligible for tangible property tax c If yes, requestor must answer questions on the supplement at	V OC	No
12. Is the Requestor now, or will the Requestor in the future, that the property is Upside Down?	, seek a determination Yes	No
13. If you have answered Yes to Question 12, above, is an in of the value of the property, as of the date of application, hypothetical condition that the property is not contaminat application?	, prepared under the	No
If this determination is not being requested in the application applicant may seek this determination at any time before iss using the BCP Amendment Application, except for sites see category.	suance of a certificate of completion,	
If any changes to Section IV are required prior to application appro- must be submitted.	val, a new page, initialed by each reque	estor,

Initials of each Requestor: \_\_\_\_\_ \_\_\_\_

\_\_\_\_

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

Section V. Additional Requestor See Instructions for Further Gu	or Information	DEC USE ONLY BCP SITE NAME: BCP SITE #:		
NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE				
ADDRESS				
CITY/TOWN ZIP CODE				
PHONE	FAX	E-MAIL		
NAME OF REQUESTOR'S CONSULTANT				
ADDRESS				
CITY/TOWN		ZIP CODE		
PHONE	FAX	E-MAIL		
NAME OF REQUESTOR'S ATTORN	EY			
ADDRESS				
CITY/TOWN		ZIP CODE		
PHONE	FAX	E-MAIL		
Section VI. Current Property Ow	/ner/Operator I	nformation – if not a Requestor SEE ATTACHMENT E		
CURRENT OWNER'S NAME		OWNERSHIP START DATE:		
ADDRESS				
CITY/TOWN		ZIP CODE		
PHONE	FAX	E-MAIL		
CURRENT OPERATOR'S NAME				
ADDRESS				
CITY/TOWN		ZIP CODE		
PHONE	FAX	E-MAIL		
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. 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".				
Section VII. Requestor Eligibility	/ Information (F	Please refer to ECL § 27-1407)		
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?
- 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? SEE ATTACHMENT F Yes

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:

No

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 SEE ATTACHMENT G 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.			

Se	ction VII. Requestor Eligibility Information (continued)		
	equestor Relationship to Property (check one): Previous Owner Current Owner Potential /Future Purchaser Other		
be	equestor is not the current site owner, <b>proof of site access sufficient to complete the ren</b> <b>submitted</b> . Proof must show that the requestor will have access to the property before sign d throughout the BCP project, including the ability to place an easement on the site Is this p	ning the	BCA
	Yes No		
No	te: a purchase contract does not suffice as proof of access.		
Se	ction VIII. Property Eligibility Information - See Instructions for Further Guidance		
1.	Is / was the property, or any portion of the property, listed on the National Priorities List? If yes, please provide relevant information as an attachment.		
		Yes	No
2.	Is / was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites pursuant to ECL 27-1305? If yes, please provide: Site # Class #	Yes	No
3.	Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim facility? If yes, please provide: Permit type: EPA ID Number: Permit expiration date:	Vee	N a
4.	If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined up 1405(1)(b), or under contract to be transferred to a volunteer? Attach any information availar requestor related to previous owners or operators of the facility or property and their finance including any bankruptcy filing and corporate dissolution documentation.	nder E0 able to	CL 27- the
5.	Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 12 If yes, please provide: Order #	7 Title ′ Yes	10? No
6.	Is the property subject to a state or federal enforcement action related to hazardous waste If yes, please provide explanation as an attachment.	or petro Yes	oleum? No
Se	ction IX. Contact List Information SEE ATTACHMENT H		
<u>D</u> an 1. 2. 3. 4. 5. 6. 7.	<ul> <li>be considered complete, the application must include the Brownfield Site Contact List in act</li> <li><u>R-23 / Citizen Participation Handbook for Remedial Programs</u>. Please attach, at a minimum d addresses of the following:</li> <li>The chief executive officer and planning board chairperson of each county, city, town and we the property is located.</li> <li>Residents, owners, and occupants of the property and properties adjacent to the property. Local news media from which the community typically obtains information.</li> <li>The public water supplier which services the area in which the property is located.</li> <li>Any person who has requested to be placed on the contact list.</li> <li>The administrator of any school or day care facility located on or near the property.</li> <li>The location of a document repository for the project (e.g., local library). In addition, attach acknowledgement from the repository indicating that it agrees to act as the document repository property.</li> <li>Any community board located in a city with a population of one million or more, if the propolocated within such community board's boundaries.</li> </ul>	n, the n rillage in a copy sitory fo	ames n which v of an or the

Section X. Land Use Factors SEE ATTACHMENT I	
<ol> <li>What is the current zoning for the site? What uses are allowed by the current zoning? Residential Commercial Industrial If zoning change is imminent, please provide documentation from the appropriate zoning and</li> </ol>	uthority.
<ol> <li>Current Use: Residential Commercial Industrial Vacant Recreational (chec apply)</li> <li>Attach a summary of current business operations or uses, with an emphasis on ident possible contaminant source areas. If operations or uses have ceased, provide the data of the</li></ol>	
3. Reasonably anticipated use Post Remediation: Residential Commercial Industrial that apply) Attach a statement detailing the specific proposed use.	(check all
If residential, does it qualify as single family housing?	Yes No
4. Do current historical and/or recent development patterns support the proposed use?	Yes No
5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary.	Yes No
6. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Briefly explain below, or attach additional information and documentation if necessary.	Yes No

XI. Statement of Certification and Signatures
(By requestor who is an individual)
If this application is approved, I acknowledge and agree to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. 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 <u>Cruer Finance Office</u> (title) of <u>2409 Jerve</u> , Twc. (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 to execute a BCA within 60 days of the date of DEC's approval letter. 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: <u><math>II/9/Ib</math></u> Signature: <u>MICM</u>

#### SUBMITTAL INFORMATION:

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

FOR DEC USE ONLY
BCP SITE T&A CODE:\_\_\_\_\_\_ LEAD OFFICE:\_\_\_\_\_

## Supplemental Questions for Sites Seeking Tangible Property Credits in New

**York City ONLY.** Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a) must be submitted if requestor is seeking this determination.

#### BCP App Rev 5

Property is in Bronx, Kings, New York, Queens, or Richmond counties.				
Requestor seeks a determination that the site is eligible for the tangible property credit comports brownfield redevelopment tax credit.				
Please answer questions below and provide documentation necessary to support answers.				
<ol> <li>Is at least 50% of the site area located within an environmental zo Please see <u>DEC's website</u> for more information.</li> </ol>	ne pursuant to NYS Ta	x Law 21 Yes	(b)(6)? No	
2. Is the property upside down or underutilized as defined below?	Upside Down?	Yes	No	
	Underutilized?	Yes	No	

#### From ECL 27-1405(31):

"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

From 6 NYCRR 375-3.2(I) as of July 1, 2015: (Please note: Eligibility determination for the underutilized category can only be made at the time of application)

(I) "Underutilized" means, as of the date of application, real property:

(1) on which a building or buildings, can be certified by the municipality in which the site is located, to have for at least five years used no more than fifty percent of the permissible floor area under the applicable base zoning immediately prior to the application which has been in effect for at least five years;

(2) at which the proposed development is solely for a use other than residential or restricted residential;

(3) which could not be developed without substantial government assistance, as certified by the municipality in which the site is located; and

(4) which is subject to one or more of the following conditions, as certified by the municipal department responsible for such determinations of the municipality in which the site is located:

(i) property tax payments have been in arrears for at least five years immediately prior to the application;

(ii) contains a building that is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or

(iii) the proposed use is in whole or in substantial part for industrial uses. "Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, or land purchase cost exemption or waiver, from a governmental entity; or for properties to be developed in whole or in part for industrial uses, a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or a tax credit, from a governmental entity, or a low-cost loan from an industrial fund managed by the municipality and partner financial institutions.

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

3. Is the project an affordable housing project as defined below?

Yes No

#### From 6 NYCRR 375- 3.2(a) as of July 1, 2015:

(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, that 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, that sets affordable units aside for tenants 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 DE	C use only)			
Site Name: City:	Site Address: County:			Zip:
Tax Block & Lot Section (if applicable):	Block:		Lot:	
Requestor Name: City:		Requesto Zip:	or Address:	Email:
Requestor's Representative (for b Name: City:	illing purpo: Address:			Email:
Requestor's Attorney Name: City:	Address:	Zip:		Email:
Requestor's Consultant Name: City:	Address:	Zip:		Email:
Percentage of site within an En-Zo	one: 0%	<50%	50-99%	100%
Requestor's Requested Status:	Voluntee	r Participant		

#### ATTACHMENT A

#### SUPPORTING DOCUMENTATION

#### 1. NYS Department of State - Business Entity Information of 2409 Jerome, Inc.

2409 Jerome, Inc. is a Domestic Business Corporation not a Limited Liability Company per the New York State Department of State Division of Corporations Entity Information. Therefore, the names of members/owners are not included.

## **NYS Department of State**

## **Division of Corporations**

#### **Entity Information**

The information contained in this database is current through August 15, 2016.

Selected Entity Name: 2409 JEROME, INC.<br/>Selected Entity Status InformationCurrent Entity Name:2409 JEROME, INC.DOS ID #:1299878Initial DOS Filing Date:OCTOBER 19, 1988County:BRONXJurisdiction:NEW YORKEntity Type:DOMESTIC BUSINESS CORPORATIONCurrent Entity Status:ACTIVE

Selected Entity Address Information

**DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)** 2409 JEROME, INC. 29 EAST FORDHAM RD BRONX, NEW YORK, 10468

**Chief Executive Officer** 

STEPHEN JEROME 29 EAST FORDHAM ROAD BRONX, NEW YORK, 10468

**Principal Executive Office** 

2409 JEROME, INC. 29 EAST FORDHAM ROAD BRONX, NEW YORK, 10468

**Registered Agent** 

NONE

This office does not record information regarding the names and addresses of officers, shareholders or

#### Entity Information

directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

#### \*Stock Information

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

200 No Par Value

\*Stock information is applicable to domestic business corporations.

#### **Name History**

Filing DateName TypeEntity NameOCT 19, 1988Actual2409 JEROME, INC.

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

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### ATTACHMENT B SECTION II: PROJECT DESCRIPTION

#### Purpose and Scope of Project

The purpose of the project is to develop a contaminated parcel of land into an academic building as part of Monroe College's campus expansion. The proposed re-development project is still in the early planning stages and is subject to change; however, the contemplated development includes the demolition of the existing structures, removal of the known and unknown underground storage tanks (UST), and removal of historic fill and petroleum impacted soil to accommodate the construction of a 4-story academic building with a partial cellar and grade-level paved parking area. The proposed depth of excavation is about 15 feet below grade surface (bgs) or to bedrock to accommodate the partial cellar. Remediation will be concurrent with development and in accordance with an approved Remedial Action Work Plan (RAWP) and Construction Health and Safety Plan (CHASP). The New York State Department of Environmental Conservation (NYSDEC) Spill (No. 1509511) will be addressed as part of the RAWP.

A New York City Transit Authority (NYCTA) elevated structure (the "4"-line) is located approximately 28 feet east of the site, above Jerome Avenue. Due to the proximity of the site to a NYCTA structure, future remedial investigations, foundation design, support of excavation plans and construction of the proposed building must conform to the NYCTA requirements.

The estimated development cost is about \$25 million. The new development will diversify property usage in the neighborhood, and the proposed remediation and redevelopment will support the community and its economic vitality.

#### Estimated Project Schedule

An estimated project schedule is included as an attachment. The project is expected to obtain its Certificate of Completion by 2025.

#### ATTACHMENT B

#### SUPPORTING DOCUMENTATION

#### 1. Estimated Project Schedule

Attachment B

Estimated Project Schedule Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, New York

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Item Action			JAN MAR MAR MAV JUN JUL JUL AUG SEP OCT DEC	APRIA APRIA APRIA APRIA A A A U U U U U U U U U U U U U	VIAN VIAN VIAN VIAN VIAN VIAN VIAN VIAN		A A A A A A A A A A A A A A A A A A A		
2409 Jerome Avenue									
1 BCP Application - Preparation and Submittal									
2 BCP Application - NYSDEC Review/Completeness Determi	ination								
3 BCP Application Public Comment Period									
4 BCP Agreement									
5 RIWP and CPP - Preparation and Submittal									
6 RIWP and CPP - NYSDEC Review									
7 RIWP and CPP - Public Comment Period									
8 TA Approval of Investigation (Boring Locations)									
9 RI - Implementation									
10 RIR - Preparation and Submittal									
11 RIR - NYSDEC Review and Approval									
12 RAWP - Preparation and Submittal									
13 NYSDEC Review, RAWP Revisions, and Approval									
14 RAWP - Public Comment Period									
15 Obtain TA Approval for Foundation Design and Permits									
16 Waste Characterization Sampling and Disposal Facility App	rovals								
17 Contractor Bid and Award									
18 Mobilization and Demolition of Existing Structure									
19 RAWP Implementation/Construction									
20 SMP/FER - Preparation and Submittal									
21 NYSDEC Review, SMP/FER Revisions and Approval									
22 Final Certificate of Completion									

 Notes:

 1. BCP = Brownfield Cleanup Program

 2. NYSDEC = New York State Department of Environmental Conservation

 3. RIWP = Remedial Investigation Work Plan

 4. RI = Remedial Investigation Report

 5. RIR = Remedial Investigation Report

 6. RAWP = Remedial Action Work Plan

 7. SMP = Site Management Plan

 8. FER = Final Engineering Report

 9. TA = Transit Authority

#### ATTACHMENT C

#### SECTION III: PROPERTY'S ENVIRONMENTAL HISTORY

#### Item 1 Response

The following environmental reports and related documents were reviewed and are summarized below:

- Phase I Environmental Site Assessment (ESA), prepared by Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan), dated May 11, 2016
- Phase II Environmental Site Investigation (ESI), prepared by Langan, dated May 11, 2016
- Letter re: Spill at 2409 Jerome Avenue, Bronx, NY, prepared by the New York State Department of Environmental Conservation, dated May 17, 2016

#### Phase I Environmental Site Assessment, prepared by Langan, dated May 11, 2016

The Phase I ESA was prepared in accordance with the ASTM International Standard E1527-13 and the USEPA All Appropriate Inquiry Rule (40 CFR Part 312) and included a site reconnaissance, a review of environmental databases, a review of historical maps and an interview with the property owner's representative. The following recognized environmental conditions (RECs) were identified:

- The former and current tenants of Lot 106 include a greasing and auto laundry facility which is a term used in the past for auto repair facility (circa 1945 to 1989), auto repair and gasoline filling station (circa 1927 to 1989) with thirteen closed 550-gallon underground storage tanks (USTs) and one closed 4,000-gallon gasoline UST, and auto repair facility (circa 1989 to the present). Lot 113 was occupied by a parking lot from circa 1945 to the present.
- An open NYSDEC petroleum spill (#97-00644) is associated with a former BP Amoco station at 2350 Jerome Avenue, which is about 400 feet south and hydraulically crossgradient of the site. This site was investigated and subject to multiple remediation attempts by various consultants since 1997. Although petroleum-contaminated soil was removed to bedrock and despite consultants' efforts to employ multiple remedial technologies to address persistent groundwater contamination, groundwater (in particular bedrock groundwater) appears to remain impacted by gasoline constituents, including benzene, toluene, ethylbenzene and xylene (BTEX) and methyl-tert-butyl ether (MTBE).
- The historical uses of adjoining and surrounding properties include the following:

- A paint company (1914–2007) and battery and ignition service station (1927) adjoining the site to the north (2413 Jerome Avenue).
- A laundromat (1914-1950), a paint company (1940), and a manufacturing facility (1950) adjoining the site to the east (2400 Jerome Avenue).
- An auto parts company (1940), a glass company (1940-1961), a filling station (1971-1998), and an auto repair facility (1993-2007) adjoining the site to the south (2375 Jerome Avenue).

#### Phase II Environmental Investigation Report, prepared by Langan, dated May 11, 2016

Langan completed a Phase II environmental site investigation to evaluate potential subsurface impacts associated with the RECs identified in the Phase I ESA. The investigation consisted of a geophysical survey, completion of soil borings, installation of groundwater monitoring wells and soil vapor points, and collection and laboratory analysis of soil, groundwater and soil vapor samples. The findings of the investigation include:

- Historic fill: A 1 to 9-foot thick layer of historic fill composed of varying amounts of sand, silt, clay, gravel, brick, concrete, asphalt, glass, and coal fragments was encountered beneath the asphalt pavement. Polycyclic aromatic hydrocarbons (PAHs) and metals typically found in historic fill in urban environments were identified at concentrations above their Title 6 New York Codes Rules and Regulations (NYCRR) Part 375-6.8(a,b) Unrestricted Use and/or Restricted Use Commercial Soil Cleanup Objectives (SCOs). Underlying the fill material was till (glacial deposits) followed by bedrock.
- Petroleum-impacted soil: Visual, olfactory, and photoionization detector (PID) evidence of petroleum impacts were apparent in several borings, and petroleum-like staining, odors, and elevated PID readings were generally observed from below surface cover to about 16 feet bgs (i.e., at the boring completion depth). Petroleum product was apparent at two boring locations. Petroleum-related volatile organic compounds (VOCs) were detected at concentrations above their Unrestricted Use and Protection of Groundwater SCOs in five borings; VOCs also exceeded their Restricted-Commercial Use SCOs in two borings.
- The petroleum hydrocarbons present in soil are consistent with gasoline, based on the fingerprint analysis.
- The depth to groundwater ranges from about 9.63 feet bgs (about el 103<sup>2</sup>) to 10.00 feet bgs (about el 102).

<sup>&</sup>lt;sup>2</sup> Elevations refer to the North American Vertical Datum of 1988 (NAVD88).

- Petroleum-impacted groundwater: Petroleum-related VOCs, including 1,2,4trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, n-propylbenzene, naphthalene, *o*-xylene, *m/p*-xylene, and toluene, were identified in groundwater at concentrations exceeding their respective 6 NYCRR Part 703.5 Water Quality Standards for Class GA water.
- Dissolved metals in groundwater: Dissolved concentrations of barium, iron, lead, magnesium, manganese, and sodium were detected in groundwater.
- Soil vapor: Tetrachloroethylene (PCE) was detected in one of the soil vapor samples. Several other VOCs, including petroleum-related VOCs, were detected in one or more soil vapor samples. Although, New York State has not established concentration standards, criteria, or guidance for soil vapor, a conservative comparison of the PCE results to the New York State Department of Health (NYSDOH) Decision Matrices recommends actions ranging from "no further action" to "take reasonable and practical actions to identify source(s) and reduce exposures."
- Based on field observations and analytical results from soil and groundwater samples, a petroleum spill, likely gasoline, occurred at the site. Accordingly, a spill was reported to the NYSDEC and Spill No. 15-09511 was issued.

#### Letter re: Spill at 2409 Jerome Avenue, Bronx, NY, prepared by NYSDEC, dated May 17, 2016

The NYSDEC acknowledged receipt of Langan's Phase I ESA and Phase II ESI report and requested complete delineation of the soil and groundwater contamination using soil borings and monitoring wells and an investigation report.

#### Item 2 Response

The full laboratory analytical data reports for soil, groundwater, and soil vapor are included in Appendix G of the Phase II ESI included in this attachment.

#### Item 3 Response

The soil analytical results were compared to the Unrestricted Use SCOs, Restricted-Use Commercial SCOs and Protection of Groundwater SCOs. A sample summary table is shown as Table 1. The soil results are presented in Table 2 and Figure 1.

The following contaminants were detected at concentrations exceeding Unrestricted Use and/or Restricted-Commercial Use SCOs, analytes exceeding their respective **Restricted Use Commercial SCOs are bolded**. Protection of Groundwater SCOs are italicized:

• <u>VOCs</u>: acetone, **1,2,4-trimethylbenzene**, 1,3,5-trimethylbenzene, benzene, cis-1,2 dicholorethene, ethylbenzene, isopropylbenzene, methylene chloride, n-butylbenzene, n-propylbenzene, naphthalene, sec-butylbenzene, tert-butylbenzene, total xylenes

- <u>SVOCs</u>: *benzo(a)anthracene,* **benzo(a)pyrene**, *benzo(b)fluoranthene,* dibenzo(a,h)anthracene, *chrysene*, and indeno(1,2,3-cd)pyrene
- <u>Pesticide</u>: 4,4-DDT
- <u>Metals</u>: barium, trivalent chromium, *copper*, *lead*, mercury, nickel, selenium, and zinc

The groundwater results are presented in Table 3 and Figure 2 and are summarized below by analyte category. The following contaminants were detected at concentrations exceeding the 6 NYCRR Part 703.5 Water Quality Standards for Class GA water:

- <u>VOCs</u>: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, npropylbenzene, naphthalene, *o*-xylene, *m/p*-xylene, and toluene
- <u>SVOCs</u>: 2,4-dimethylphenol, naphthalene
- Metals (total and dissolved): barium, iron, lead, magnesium, manganese, and sodium

The soil vapor and ambient air results are presented in Table 4 and Figure 3.

Soil vapor sample results were compared to background concentrations detected in the ambient air sample, and were evaluated using the NYSDOH Guidance for Evaluating Soil Vapor Intrusion, Decision Matrices 1 and 2. The Decision Matrices address the compounds 1,1-dichloroethene (1,1-DCE), 1,1,1-trichlorethane (1,1,1-TCA), cis-1,2-dichloroethene (cis-1,2-DCE), carbon tetrachloride, trichloroethene (TCE), PCE, and vinyl chloride. The matrix evaluation requires both soil vapor and indoor air data. Indoor air samples were not collected; however, the matrices provide guidance based on soil vapor concentrations as they relate to multiple ranges of indoor air concentrations. Of the compounds addressed by the Decision Matrices, PCE was detected in one soil vapor sample. A conservative comparison of the PCE results to the applicable NYSDOH Decision Matrix recommends actions ranging from "no further action" to "take reasonable and practical actions to identify source(s) and reduce exposures," depending on indoor air concentrations.

Petroleum constituents, including benzene, ethylbenzene, *o*-xylene, *m/p*-xylene, MTBE, and toluene, were also detected in one or more of the soil vapor samples. No regulatory standards or guidance values exist for these VOCs in New York State.

The presence of contamination at the site will affect the scope, cost and schedule associated with the proposed development. Remediation and mitigation will need to be performed to render the site protective of human health and the environment.

#### Item 4 Response

Lot 106 was used as a gasoline filling station (circa 1927 to circa 1989) with thirteen 550-gallon USTs and one 4,000-gallon gasoline UST, a greasing and auto laundry facility (circa 1945 to circa 1989), and as a parking garage and an auto repair facility (circa 1989 to the present). The USTs

Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, NY

(on Lot 106) associated with the gasoline filling station were decommissioned in 1989 after title of the property was transferred to the current owner (i.e., the "Requestor"). Petroleum bulk storage associated with current site use includes a waste oil UST that is no longer in use located in the four-car-garage and a 50-gallon transmission fluid AST located in the single car garage. The transmission fluid is used for the 15 hydraulic car-stackers in the parking lot. Approximate locations of historic USTs and active petroleum bulk storage is shown on Figure 4.

#### **ATTACHMENT C**

#### SUPPORTING DOCUMENTATION

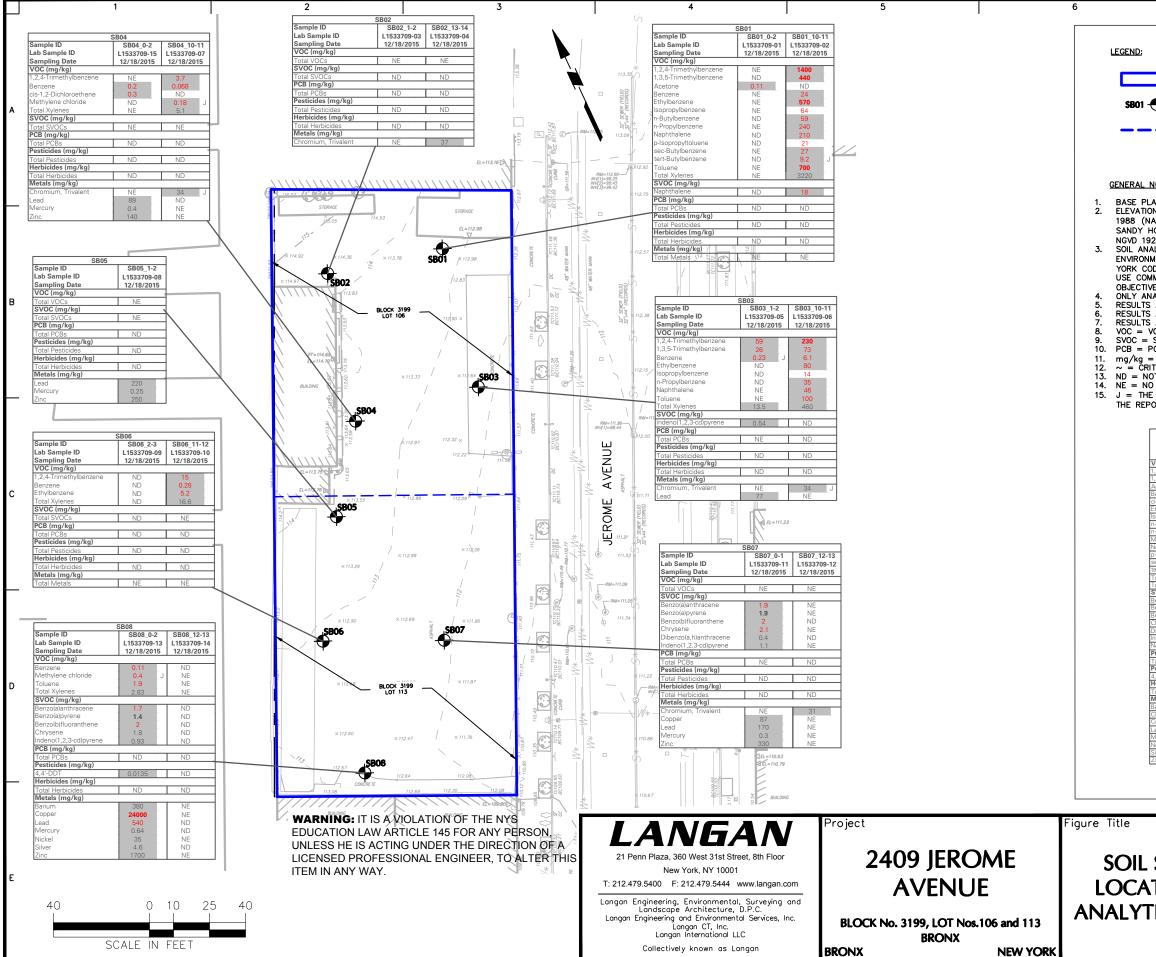
- 1. Phase I Environmental Site Assessment (Langan, May 2016) (CD)
- 2. Phase II Environmental Site Investigation (ESI) Report (Langan, May 2016) (CD)
- 3. Letter re: 2409 Jerome Avenue, Bronx, NY (NYSDEC, May 2016) (CD)

#### 4. Figures

- a. Figure 1 Soil Sampling Locations and Analytical Results
- b. Figure 2 Groundwater Sampling Locations and Analytical Results
- c. Figure 3 Soil Vapor Sampling Locations and Analytical Results
- d. Figure 4 Site Plan

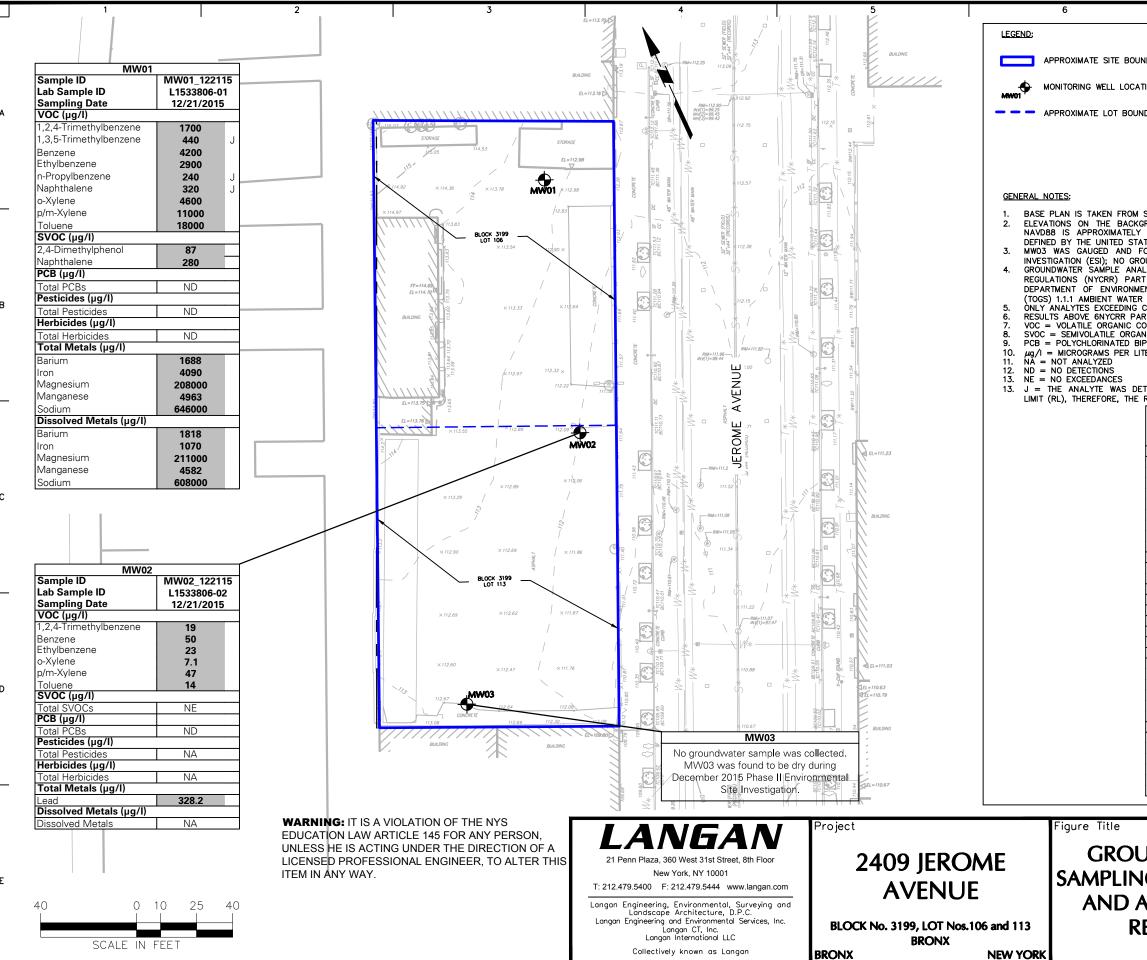
#### 5. Tables

- a. Table 1 Soil, Groundwater, and Soil Vapor Sample Summary Matrix
- b. Table 2 Soil Sample Detections Summary
- c. Table 3 Groundwater Sample Detection Summary
- d. Table 4 Soil Vapor Sample Detection Summary



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ANALYTE WAS D TING LIMIT (RL), Analyte C (mg/kg) 4-Trimethylbenzene 5-Trimethylbenzene 5-Trimethylbenzene 1,2-Dichloroethene ylbenzene oropylbenzene thylene chloride Butylbenzene opropylbluene Butylbenzene Butylbe	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO         3.6           8.4         0.05           0.06         0.25           1         -           3.9         0.05           12         -           3.9         0.75           12         -           11         1           5.9         0.7           0.26         1           1         1           0.33         0.5           12         -           0.1         0.1	RESULT IS AN ESTII           NYSDEC Part 375 Restricted US8           Restricted US9           190           500           44           500           56           56           56           56           50           500           500           500           500           500           500           500           500           500 <td>MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.06 0.25 1 2.3 12 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12</td> <td></td>	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.06 0.25 1 2.3 12 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TING LIMIT (RL), Analyte C (mg/kg) 4 Trimethylbenzene 5 Trimethylbenzene 5 Trimethylbenzene 5 Trimethylbenzene 6 Trimethylbenzene 9 Tribenzene 9 Tylbenzene 9 Ty	THEREFORE , THE           NYSDEC Part 375           Unrestricted Use SCO           3.6           8.4           0.05           0.12           ~           12           3.9           0.05           12           ~           11           6.9           0.7           0.26           1           1           0.33           0.5           12	RESULT IS AN ESTII NYSDEC Part 375 Restricted USA 8 SCO 190 40 500 500 500 500 500 500 500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 10 10 11 5.9 0.7 - 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4-Trimethylbenzene tone	THEREFORE , THE           NYSDEC Part 375           Unrestricted Use SCO           3.6           8.4           0.05           0.11           -           12           3.9           0.05           12           -           11           5.9           0.7           0.26           1           1           0.33           0.5           12           0.7           0.26	RESULT IS AN ESTII           NYSDEC Part 375 Restricted US8           Restricted US9           190           500           44           500           56           56           56           56           50           500           500           500           500           500           500           500           500           500 <td>MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.06 0.25 1 2.3 12 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12</td> <td></td>	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.06 0.25 1 2.3 12 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4-Trimethylbenzene 5-Trimethylbenzene tone 5-Trimethylbenzene tops 1,2-Dichloroethene ylbenzene thylene chloride thylene chloride thylene chloride thylene B-Uylbenzene thylene B-Uylbenzene thylene B-Uylbenzene B-	THEREFORE , THE  NYSDEC Part 375 Unrestricted Use SCO	RESULT IS AN ESTII NYSDEC Part 375 Restricted Use Restricted-Commercial SCO 190 40 500 44 500 500 500 500 500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 0.06 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 12 10 11 5.9 0.7 ~ 12 12 12 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4-Timethylbenzene 5-Timethylbenzene 5-Timethylbenzene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 2/Dicklorene 1,2-Dichloroethene 2/Dicklorene 2	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.06           0.25           1           -           3.9           0.05           12           3.9           0.05           12           -           0.1           0.33           0.1           0.0033	RESULT IS AN ESTII NYSDEC Part 375 Restricted User Restricted Commercial SCO 190 44 500 500 500 500 500 500 500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 0.06 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 12 10 11 5.9 0.7 ~ 12 12 12 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D RTING LIMIT (RL), Analyte C (mg/kg) .4-Trimethylbenzene ton	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.1           ~           12           3.9           0.05           12           ~           11           5.9           0.7           0.26           1           1           1           0.33           0.5           12           0.1           0.033           ~           300	RESULT IS AN ESTII NYSDEC Part 375 Restricted Use Restricted-Commercial SCO 190 44 500 44 500 500 500 500 500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.06 12 3.9 0.05 12 10 11 5.9 0.7 ~ 1 10 11 5.9 0.7 ~ 1 10 11 3.9 0.7 ~ 1 10 11 3.9 0.7 ~ 1 10 11 3.9 0.7 ~ 1 10 11 3.9 0.7 ~ 1 10 11 3.9 0.7 ~ 1 10 11 12 3.9 0.7 ~ 1 10 11 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (ng/kg) 4-Trimethylbenzene 5-Trimethylbenzene 5-Trimethylbenzene tone 1,2-Dinkorethene tylbenzene trylbenzene	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           1           ~           12           3.9           0.05           12           ~           11           6.9           0.7           0.26           1           1           0.33           0.5           12           0.1           0.1           ~           300	RESULT IS AN ESTII NYSDEC Part 375 Restricted USA 8 (C) 190 44 500 44 500 500 500 500 500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 3.9 0.05 12 10 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4- Trimethylbenzene 5-Trimethylbenzene tone 5-Trimethylbenzene trace 1,2-Dichloroethene ylbenzene trylbenzene trylbenzene trylbenzene trylbenzene trylbenzene Butylbenzene Bu	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.1           ~           12           3.9           0.05           12           3.9           0.05           12           ~           11           5.9           0.7           0.26           1           1           1           0.33           0.5           12           0.1           0.033           ~           0.1           0.0033	RESULT IS AN ESTII           NYSDEC Part 375 Restricted Use Restricted-Commercial SCO           190           190           500           44           500           600           500           1           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6 <t< td=""><td>MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 3.9 0.05 12 10 11 5.9 0.7 ~ 1 1000 8.2 12 1.7 1 1000 8.2 12 .7 1 1000 8.2 12 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7</td><td></td></t<>	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 3.9 0.05 12 10 11 5.9 0.7 ~ 1 1000 8.2 12 1.7 1 1000 8.2 12 .7 1 1000 8.2 12 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	
ANALYTE WAS D RTING LIMIT (RL), Analyte C (ng/kg) 4-1 rimethylbenzene ton	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.1           ~           11           5.9           0.7           0.7           0.7           0.7           0.26           1           1           0.33           0.5           12           ~           0.7           0.26           1           1           0.33           0.5           12           ~           0.7           0.26           1           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.7           0.1 <td>RESULT IS AN ESTII           NYSDEC Part 375 Restricted US8           Restricted US9           190           500           44           500</td> <td>MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 12 12 3.9 0.05 12 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12</td> <td></td>	RESULT IS AN ESTII           NYSDEC Part 375 Restricted US8           Restricted US9           190           500           44           500	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 10 11 5.9 0.7 ~ 12 12 10 11 5.9 0.7 ~ 12 12 12 12 3.9 0.05 12 10 11 5.9 0.7 ~ 12 12 12 12 12 12 12 12 12 12	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4- Trimethylbenzene 5-Trimethylbenzene tone 5-Trimethylbenzene trace 1,2-Dichloroethene ylbenzene trylbenzene trylbenzene trylbenzene trylbenzene trylbenzene Butylbenzene Bu	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.1           ~           12           3.9           0.05           12           3.9           0.05           12           ~           11           5.9           0.7           0.26           1           1           1           0.33           0.5           12           0.1           0.033           ~           0.1           0.0033	RESULT IS AN ESTII           NYSDEC Part 375 Restricted Use Restricted-Commercial SCO           190           190           500           44           500           600           500           1           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6           5.6 <t< td=""><td>MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 3.9 0.05 12 10 11 5.9 0.7 ~ 1 1000 8.2 12 1.7 1 1000 8.2 12 .7 1 1000 8.2 12 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7</td><td></td></t<>	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 3.9 0.05 12 10 11 5.9 0.7 ~ 1 1000 8.2 12 1.7 1 1000 8.2 12 .7 1 1000 8.2 12 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	
ANALYTE WAS D TTING LIMIT (RL), Analyte C (mg/kg) 4-Trimethylbenzene 5-Trimethylbenzene 5-Trimethylbenzene tone 2-Trimethylbenzene trybenzene trybenzene trybenzene trybenzene trybenzene trybenzene trybenzene trybenzene bithalene 0-crog/tkoizene 8-utylbenzene 1-2-Dicklorethene 8-utylbenzene 1-2-Dicklorethene 8-utylbenzene 1-2-Dicklorethene 9-utylbenzene 1-2-Dicklorethene 1-2-Dicklore	THEREFORE         THE           NYSDEC Part 375 Unrestricted Use SCO           3.6           8.4           0.05           0.1           ~           12           3.9           0.05           12           3.9           0.05           12           ~           0.11           1           0.33           0.5           12           0.1           1           0.33           0.5           12           0.1           1           0.033           ~           300	RESULT IS AN ESTII           NYSDEC Part 375 Restricted Use Restricted-Commercial SCO           190           500           1           47	MATED CONCENTRA NYSDEC Part 375 Protection of Groundwater SCO 3.6 8.4 0.05 0.25 1 2.3 12 3.9 0.05 12 3.9 0.05 12 3.9 0.05 12 3.9 0.05 12 12 3.9 0.05 12 12 10 11 5.9 0.7 ~ 1 1000 8.2 12 1.7 1 1000 8.2 12 .7 1 1000 8.2 12 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	

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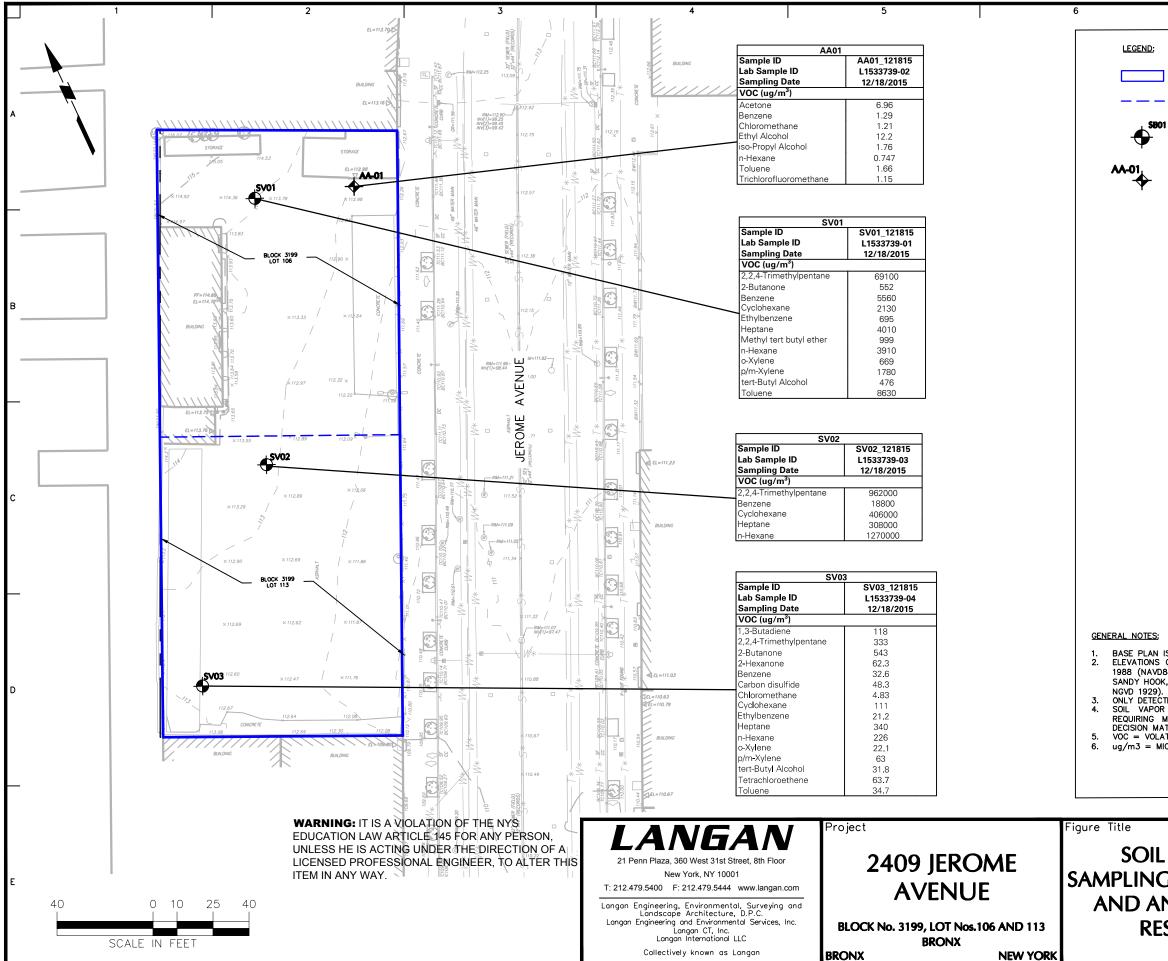
Filename: \\langan.com\data\NY\data6\170390601\Cadd Data - 170390601\2D-DesignFiles\Environmental\BCP Application\Figure 3 - Groundwater Analytical Results.dwg Date: 8/24/2016 Time: 17:01 User: jleung Style Table: Langan.stb Layout: Fig 4 GW Analytical

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KGF Y FAT FC ROI AL RT KEI	TE SURVEY COMPLETED I ROUND SURVEY ARE IN TI. FEET ABOVE MEAN ES GEOLOGICAL SURVEY ( JUND TO BE DRY DURIN UNDWATER SAMPLE WAS ( YTICAL RESULTS ARE CO 703.5 GUIDANCE VALUE NTAL CONSERVATION (NY QUALITY STANDARDS (AW	NORTH AMERICAN N SEA LEVEL DATUM (USGS NGVD 1929). G THE DECEMBER COLLECTED. MPARED TO THE TI :S FOR CLASS GA (SDEC) TECHNICAL QS).	ERTICAL DATUM AT SANDY HOOK 2015 PHASE II E ILE 6 NEW YORK WATER AND THE	, NEW JERSEY, AS NVIRONMENTAL SITE CODES RULES AND NEW YORK STATE
С	RITERIA ARE SHOWN IN TI T 703.5 GUIDANCE VALUE	HIS FIGURE.	AND BOLDED.	
	MPOUND IC COMPOUND			
BIP .ITE	HENYL ER			
	ECTED ABOVE THE METH RESULT IS AN ESTIMATED		(MDL), BUT BEL	OW THE REPORTING
		NYSDEC Water Quality Standard		
	Analyte	and Guidance		
ł	VOC (µg/I)	Values		
	1,2,4-Trimethylbenzene	5		
. 1	1,3,5-Trimethylbenzene Benzene	5		
. 1	Ethylbenzene	5		
	n-Propylbenzene	5		
	Naphthalene	10		
	o-Xylene p/m-Xylene	5		
- 1	Toluene	5		
	SVOC (µg/l)			
. 1	2,4-Dimethylphenol Naphthalene	1 10		
	PCB (µg/I)	10		
l	Total PCBs	~		
	Pesticides (µg/l)			
ł	Total Pesticides Herbicides (µg/l)	~		
İ	Total Herbicides	~		
	Total Metals (µg/l)	1000		
	Barium Iron	1000 300		
	Lead	25		
	Magnesium Manganese	35000		
	Sodium	300 20000		
Į	Dissolved Metals (µg/l)			
	Barium Iron	1000 300		
	Lead	25		
	Magnesium	35000		
	Manganese Sodium	300 20000		
-		20000		
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1	G LOCATIC	000.0		2
A	NALYTICA		= 40'	
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Filename: \\langan.com\data\NY\data6\170390601\Cadd Data - 170390601\2D-DesignFiles\Environmental\BCP Application\Figure 4 - Soil Vapor and AA Analytical Results.dwg Date: 8/23/2016 Time: 18:50 User: jleung Style Table: Langan.stb Layout: Fig 5 SV Analytical Results

7	8

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOT BOUNDARY

#### SB01

APPROXIMATE SOIL VAPOR SAMPLE LOCATION AND ID

APPROXIMATE AMBIENT AIR SAMPLE LOCATION AND ID

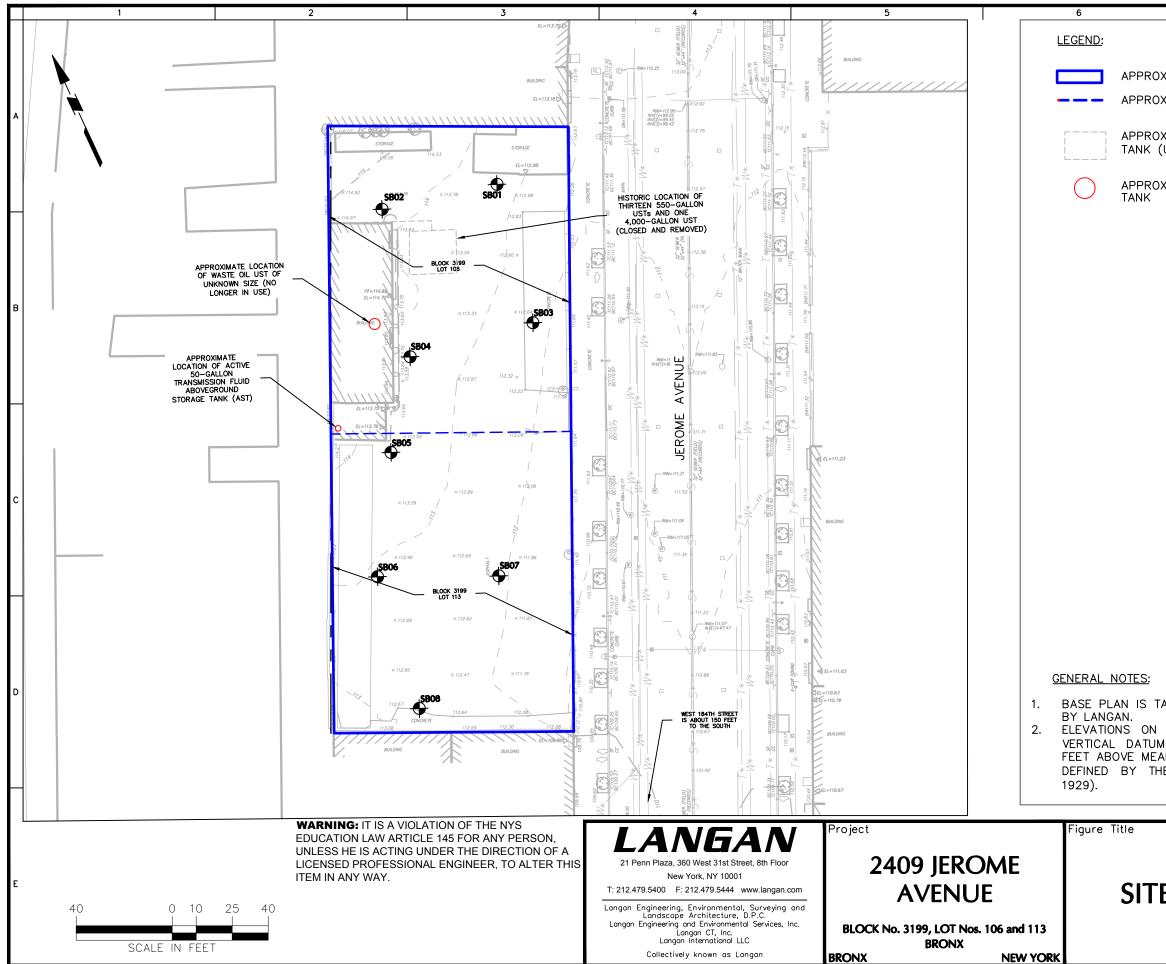
Carbon tetrachloride ,1-Dichloroethene iis-1,2-Dichloroethene etrachloroethene ,1,1-Trichloroethane richloroethene	Minimum Soil Vapor Concentrations Requiring Mitigation (NYSDOH Decixion Matrices)
VOC (ug/m <sup>3</sup> )	
Carbon tetrachloride	5
1,1-Dichloroethene	100
cis-1,2-Dichloroethene	100
Tetrachloroethene	100
1,1,1-Trichloroethane	100
Trichloroethene	5
Vinyl chloride	5

BASE PLAN IS TAKEN FROM SITE SURVEY COMPLETED IN DECEMBER 2015 BY LANGAN. ELEVATIONS ON THE BACKGROUND SURVEY ARE IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 IS APPROXIMATELY 1.1 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY, AS DEFINED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS

NOTO 1929. ONLY DETECTED ANALYTES IN SOIL VAPOR AND AMBIENT AIR ARE SHOWN IN THIS FIGURE. SOIL VAPOR ANALYTICAL RESULTS ARE COMPARED TO THE MINIMUM CONCENTRATION REQUIRING MITICATION ON THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) DECISION MATRICES. VOC = VOLATILE ORGANIC COMPOUND

ug/m3 = MICROGRAMS PER CUBIC METER

	Project N		Figure No.				
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L VAPOR	Date						
	8/22,	/2016		2	2		
<b>G</b> LOCATIONS				- 3			
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			Sheet	3	of	3	



/	8
OXIMATE SITE BOUNDARY	
OXIMATE LOT BOUNDARY	
OXIMATE LOCATION OF HIS	STORICAL UNDERGROUND STORAGE
OXIMATE LOCATION OF AC	CTIVE PETROLEUM BULK STORAGE
TAKEN FROM SITE SURVE	Y COMPLETED IN DECEMBER 2015
UM OF 1988 (NAVD88). EAN SEA LEVEL DATUM A	RVEY ARE IN NORTH AMERICAN NAVD88 IS APPROXIMATELY 1.1 T SANDY HOOK, NEW JERSEY, AS OLOGICAL SURVEY (USGS NGVD
ΓΕ PLAN	Project No.       Figure No. $170390601$ Figure No.         Date       10/21/2016         Scale <b>4</b>
	Drawn By Checked By MB GW Submission Date Sheet 4 of 4
4 - Site Plan dwg Date: 10/21/2016 Time:	15:59 User ileung Style Table: Langan sth. Lavout: Fig.2 Site Plan

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Table 1 Soil, Groundwater, and Soil Vapor Sample Summary Matrix

# Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, New York Langan Project No.: 170390601

			SOIL		
Boring ID	Sample ID	Sample Date	Sample Type	Depth (ft bgs)	Analytical Parameters
	SB01_0-2	12/18/2015	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides,
SB-01	SB01_10-11	12/18/2015	Grab	10 to 11	Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB01_10-11	12/18/2015	Grab	10 to 11	Petroleum Hydrocarbon Identification
CD 00	SB02_1-2	12/18/2015	Grab	1 to 2	
SB-02	SB02_13-14	12/18/2015	Grab	13 to 14	*
05.00	SB03_1-2	12/18/2015	Grab	1 to 2	
SB-03	SB03_10-11	12/18/2015	Grab	10 to 11	
CD 04	SB04_0-2	12/18/2015	Grab	0 to 2	
SB-04	SB04_10-11	12/18/2015	Grab	10 to 11	*
SB-05	SB05_1-2	12/18/2015	Grab	1 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
CD 00	SB06_2-3	12/18/2015	Grab	2 to 3	
SB-06	SB06_11-12	12/18/2015	Grab	11 to 12	
CD 07	SB07_0-1	12/18/2015	Grab	0 to 1	
SB-07	SB07_12-13	12/18/2015	Grab	12 to 13	
SB-08	SB08_0-2	12/18/2015	Grab	0 to 2	
3B-08	SB08_12-13	12/18/2015	Grab	12 to 13	
			GROUNDWA	TER	
Well ID	Sample ID	Sample Date	Sample Type	Depth (ft bgs)	Analytical Parameters
MW01	MW01_122115	12/21/2015	Grab	N/A	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals[Total and Dissolved]), Cyanide, Trivalent Chromium [Total and Dissolved], Hex Chromium [Total and Dissolved]
MW02	MW01_122115	12/21/2015	Grab	N/A	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs) and Total Lead
MW03	N/A	N/A	N/A	N/A	N/A
			SOIL VAPO	R	
SV Point ID	Sample ID	Sample Date	Sample Type	Depth (ft bgs)	Analytical Parameters
SV01	SV01_121815	12/18/2015	2-hr, 2.7-liter Summa Canister	6	TO-15 VOCs
SV02	SV02_121815	12/18/2015	2-hr, 2.7-liter Summa Canister	8	TO-15 VOCs
SV03	SV03_121815	12/18/2015	2-hr, 2.7-liter Summa Canister	8	TO-15 VOCs
AA-01	AA01_121815	12/18/2015	2-hr, 2.7-liter Summa Canister	N/A	TO-15 VOCs

#### Notes:

1. TCL = Target Compound List 2. TAL = Target Analyte List 3. VOCs = Volatile Organic Compounds

4. SVOCs = Semi-Volatile Organic Compounds

5. PCBs = Polychlorinated Biphenyls

6. VOC samples were collected using EnCore or TerraCore sampling devices

## Table 2 Soil Sample Detections Summary VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals and Inorganics

Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, New York Langan Project No. 170390601

Sample Location Sample ID Sampling Date Lab Sample ID Sample Depth (feet)	NYSDEC PART 375 UNRESTRICTED USE SCO	NYSDEC PART 375 RESTRICTED USE COMMERCIAL SCO	PROTECTION OF GROUNDWATER AND CP-51	SB01 SB01_0-2 12/18/2015 L1533709-01 0-2	SB01 SB01_10-11 12/18/2015 L1533709-02 10-11	SB02 SB02_1-2 12/18/2015 L1533709-03 1-2	SB02 SB02_13-14 12/18/2015 L1533709-04 13-14	SB03 SB03_1-2 12/18/2015 L1533709-05 1-2	SB03 SB03_10-11 12/18/2015 L1533709-06 10-11	SB04 SB04_0-2 12/18/2015 L1533709-15 0-2	SB04 SB04_10-11 12/18/2015 L1533709-07 10-11	SB05 SB05_1-2 12/18/2015 L1533709-08 1-2	SB06 SB06_2-3 12/18/2015 L1533709-09 2-3	SB06 SB06_11-12 12/18/2015 L1533709-10 11-12	SB07 SB07_0-1 12/18/2015 L1533709-11 0-1	SB07 SB07_12-13 12/18/2015 L1533709-12 12-13	SB08 SB08_0-2 12/18/2015 L1533709-13 0-2	SB08 SB08_12-13 12/18/2015 L1533709-14 12-13
Volatile Organic Compounds (m	ng/kg)		SUPPLEMENTAL SCO	02	10-11	1-2	13-14	172	10-11	0-2	10-11	12	2-5	11-12	0-1	12-15	0-2	12-10
1,2,4,5-Tetramethylbenzene	~	~	~	0.00078 J	140	0.0042 U	0.32	15	29	0.1 J	0.39	0.0062 U	0.0034 U	2.2	0.0044 U	0.0037 U	0.46 U	0.0037 U
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	3.6 8.4	190 190	3.6 8.4	0.00054 J 0.0048 U	1400 440	0.00049 J 0.0052 U	0.31 L 0.31 L	J 59 J 26	<b>230</b> 73	0.13 J 0.027 J	3.7 1.2	0.0078 U 0.0078 U	0.0042 L 0.0042 L	15 4.9	0.0055 U 0.0055 U	0.0047 U 0.0047 U	0.32 J 0.18 J	0.0046 U 0.0046 U
2-Butanone	0.12	100	0.12	0.051	100 U	0.0052 0 0.0044 J	0.63		53 U	0.79 U	0.55 U	0.016 U	0.0042 C	4.9 2.2 U	0.0055 U	0.0093 U	1.1 U	0.0048 J
Acetone	0.05	100	0.05	0.11	100 U	0.042	0.63 L		53 U	0.79 U	0.55 U	0.016 U	0.027	2.2 U	0.0042 J	0.011	1.1 U	0.041
Benzene Carbon disulfida	0.06	44	0.06	0.001	24 100 U	0.001 U	0.063 L	J 0.23 J	6.1	0.2	0.068	0.0016 U	0.00084 U	0.28	0.0011 U	0.00093 U	0.11	0.00092 U 0.0092 U
Carbon disulfide cis-1,2-Dichloroethene	0.25	~ 500	2.7 0.25	0.0013 J 0.00096 U	100 U 10 U	0.01 U 0.001 U	0.63 L 0.063 L	J 5.9 U J 0.59 U	53 U 5.3 U	0.79 U 0.3	0.55 U 0.055 U	0.016 U 0.0016 U	0.0084 L	2.2 U 0.22 U	0.011 U 0.0011 U	0.0093 U 0.00093 U	1.1 U 0.11 U	0.0092 U 0.00092 U
Cyclohexane	~	~	~	0.0038 J	190 J	0.021 U	1.2 L	J 0.86 J	37 J	0.63 J	0.15 J	0.031 U	0.017 L	3.6 J	0.022 U	0.019 U	2.3 U	0.018 U
Ethylbenzene	1	390	1	0.029	570	0.0003 J	0.063 L		80	0.038 J	0.92	0.0016 U	0.00084 L	5.2	0.0011 U	0.00093 U	0.5	0.00092 U
Isopropylbenzene Methyl cyclohexane	~	~	2.3	0.004 0.004	64 240	0.001 U 0.0004 J	0.063 L 0.25 L	J 0.59 U	14 72	0.079 U 0.68	0.27 0.55	0.0016 U 0.0062 U	0.00084 L 0.0034 L	1.5 12	0.0011 U 0.0044 U	0.00093 U 0.0037 U	0.14 0.044 J	0.00092 U 0.0037 U
Methyl tert butyl ether	0.93	500	0.93	0.0019 U	240 20 U	0.0021 U	0.12 U	J 1.2 U	10 U	0.16 U	0.065 J	0.0031 U	0.0017	0.44 U	0.0022 U	0.0037 U		0.0037 U
Methylene chloride	0.05	500	0.05	0.0096 U	<i>100</i> U	0.003 J	0.63 L	0.0 0	53 U	0.79 U	<b>0.18</b> J	0.016 U	0.0025 J	2.2 U	0.011 U	0.0093 U	0.4 J	0.0033 J
n-Butylbenzene	12	500	12	0.00096 U	59	0.001 U	0.063 L	0.00 0	12	0.022 J	0.22	0.0016 U	0.00084 U	1.2	0.0011 U	0.00093 U 0.00093 U	0.071 J	0.00092 U
n-Propylbenzene Naphthalene	3.9 12	500 500	3.9 12	0.0089 0.0048 U	240 210	0.001 U 0.00022 J	0.063 L 0.31 L	J 0.59 U J 7.9	46	0.028 J 0.12 J	0.64 0.37	0.0016 U 0.00089 J	0.00084 L 0.0042 L	3.2 2.3	0.0011 U 0.0055 U	0.00093 U 0.0047 U	0.26 0.16 J	0.00092 U 0.0046 U
o-Xylene	~	~	~	0.00063 J	920	0.00036 J	0.12 L	2.5	130	0.037 J	1.4	0.0031 U	0.0017 L	3.6	0.0022 U	0.0019 U	0.43	0.0018 U
p-Diethylbenzene	~	~	~	0.00069 J	430	0.0042 U	0.11 J	40	86	0.32 U	1.3	0.0062 U	0.0034 L	6.1	0.0044 U	0.0037 U	0.24 J	0.0037 U
p-Ethyltoluene p-Isopropyltoluene	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~	~ 10	0.00051 J 0.00096 U	1300	0.00034 J 0.001 U	0.25 L 0.063 L	J 29 J 0.93	200 7.6	0.12 J 0.079 U	3.2 0.17	0.0062 U 0.0016 U	0.0034 L 0.00084 L	12 1.2	0.0044 U 0.0011 U	0.0037 U 0.00093 U	0.77 0.12	0.0037 U 0.00092 U
p/m-Xylene	~	~	~	0.0014 J	2300	0.00093 J	0.12		330	0.16	3.7	0.0031 U	0.0017 L	13	0.0022 U	0.0019 U	2.4	0.00055 J
sec-Butylbenzene	11	500	11	0.0011	27	0.001 U	0.069	0.59 U	7.5	0.071 J	0.14	0.0016 U	0.00084 L	0.99	0.0011 U	0.00093 U	0.11 U	0.00092 U
tert-Butylbenzene Tetrachloroethene	5.9 1.3	500 150	5.9 1.3	0.0048 U 0.00096 U	9.2 J 10 U	0.0052 U 0.001 U	0.31 L 0.063 L	J 3 U J 0.59 U	26 U 5.3 U	0.39 U 1.3	0.27 U 0.055 U	0.0078 U 0.0016 U	0.0042 L 0.00084 L	0.26 J 0.22 U	0.0055 U 0.0011 U	0.0047 U 0.00093 U	0.57 U 0.11 U	0.0046 U 0.00092 U
Toluene	0.7	500	0.7	0.00096 U 0.00078 J	700	0.001 U 0.0012 J	0.094		100	0.078 J	0.055 U 0.021 J	0.0016 U 0.0023 U	0.00084 U	0.22 0	0.0011 U 0.0016 U	0.00093 U 0.00037 J	1.9	0.00092 U 0.00072 J
trans-1,2-Dichloroethene	0.19	500	0.19	0.0014 U	15 U	0.0016 U	0.094 L	J 0.89 U	7.9 U	0.046 J	0.082 U	0.0023 U	0.0013 L	0.33 U	0.0016 U	0.0014 U	0.17 U	0.0014 U
Trichloroethene	0.47	200	0.47	0.00096 U	10 U	0.001 U	0.063 L	J 0.59 U	5.3 U	0.16	0.055 U	0.0016 U 0.0031 U	0.00084 L	0.22 U	0.0011 U 0.0022 U	0.00093 U 0.0019 U	0.11 U	0.00092 U 0.00055 J
Total Xylenes Semivolatile Organic Compound	0.26 ds (mg/kg)	500	1.6	0.00203 J	3220	0.00129 J	0.12 0	13.5	460	0.197 J	5.1	0.0031 0	0.0017 0	16.6	0.0022 0	0.0019 0	2.83	0.00055 J
2,4-Dimethylphenol	~	~	~	0.19 U	0.19 U	0.18 U	0.17 L	J 3.1	0.19 U	0.2 U	0.19 U	0.19 U	0.18 L	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U
2-Methylnaphthalene	~	~	36.4	0.23 U	14	0.22 U	0.2 L	J 18	8.2	0.06 J	1.2	0.067 J	0.22 L	0.34	0.39	0.22 U	0.11 J	0.24 U
Acenaphthene Acenaphthylene	20 100	500 500	98 107	0.15 U 0.15 U	0.11 J 0.15 U	0.15 U 0.15 U	0.14 L 0.14 L		0.024 J 0.15 U	0.16 U 0.16 U	0.15 U 0.15 U	0.03 J 0.21	0.15 L 0.15 L	0.14 U 0.14 U	0.36 0.036 J	0.15 U 0.15 U	0.2 0.12 J	0.16 U 0.16 U
Acetophenone	~	~	~	0.13 U	0.19 U	0.13 U	0.14 0		0.19 U	0.2 U	0.19 U	0.19 U	0.13 0.		0.19 U	0.18 U		0.2 U
Anthracene	100	500	1000	0.11 U	0.13	0.11 U	0.1 L	J 0.26	0.11 U	0.12 U	0.11 U	0.16	0.11 L	0.11 U	0.69	0.11 U	0.7	0.12 U
Benzo(a)anthracene	1	5.6	1	0.022 J	0.052 J	0.11 U	0.1 L	0.69	0.11 U	0.1 J	0.11 U	0.44	0.11 U	0.11 U	1.9	0.063 J	1.7	0.12 U
Benzo(a)pyrene Benzo(b)fluoranthene	1	5.6	22 1.7	0.15 U 0.11 U	0.15 U 0.04 J	0.15 U 0.11 U	0.14 L 0.1 L	J 0.77 J 0.96	0.15 U 0.11 U	0.15 J 0.14	0.15 U 0.11 U	0.52 0.77	0.15 L 0.11 L	0.14 U 0.11 U	1.9	0.079 J 0.11 U	1.4	0.16 U 0.12 U
Benzo(ghi)perylene	100	500	1000	0.15 U	0.041 J	0.15 U	0.14 L	0.59	0.15 U	0.36	0.072 J	0.39	0.15 U	0.14 U	1.2	0.054 J	0.9	0.12 U
Benzo(k)fluoranthene	0.8	56	1.7	0.11 U	0.11 U	0.11 U	0.1 L	J 0.38	0.11 U	0.052 J	0.11 U	0.24	0.11 U	0.11 U	0.8	0.11 U	0.62	0.12 U
Biphenyl Bis(2-ethylhexyl)phthalate	~	~	~ 435	0.43 U 0.19 U	0.23 J 0.19 U	0.42 U 0.18 U	0.39 L 0.17 L	J 0.45 U J 0.79	0.097 J 0.19 U	0.45 U 0.6	0.43 U 0.3	0.43 U 0.19 U	0.42 L 0.18 L	0.41 U 0.1 J	0.052 J 0.19 U	0.42 U 0.18 U	0.43 U 0.12 J	0.46 U 0.2 U
Butyl benzyl phthalate	~ ~	~ ~	122	0.19 U	0.19 U	0.18 U	0.17 0.17	J 0.1 J	0.19 U	0.0 U	0.19 U	0.19 U	0.18	0.18 U	0.19 U	0.18 U	0.12 J	0.2 U
Carbazole	~	~	~	0.19 U	0.19 U	0.18 U	0.17 L	J 0.063 J	0.19 U	0.2 U	0.19 U	0.063 J	0.18 L	0.18 U	0.39	0.18 U	0.17 J	0.2 U
Chrysene	1	56	1	0.024 J	0.039 J	0.11 U	0.1 L	J 0.77	0.11 U	0.14	0.11 U	0.5	0.11 L	0.11 U	2.1	0.099 J	1.8	0.12 U
Dibenzo(a,h)anthracene Dibenzofuran	0.33	0.56 350	1000 6.2	0.11 U 0.19 U		0.11 U 0.18 U	0.1 L 0.17 L	J 0.14 J 0.2 U	0.11 U 0.19 U	0.12 U 0.2 U	0.11 U 0.19 U	0.094 J 0.033 J	0.11 L 0.18 L	0.11 U 0.18 U	0.4 0.17 J	0.11 U 0.18 U	0.26 0.074 J	0.12 U 0.2 U
Fluoranthene	100	500	1000	0.045 J	0.10 J	0.10 U	0.1 L	J 1.1	0.029 J	0.17	0.051 J	0.74	0.10 U		2.6	0.073 J	3.1	0.12 U
Fluorene	30	500	386	0.19 U		0.18 U	0.17 L		0.037 J	0.2 U	0.19 U	0.039 J	0.18 U	0.028 J	0.35	0.18 U	0.23	0.2 U
Indeno(1,2,3-cd)pyrene Naphthalene	0.5 12	5.6 100	8.2 12	0.15 U 0.19 U	0.15 U	0.15 U 0.18 U	0.14 L 0.17 L	J 0.54 J 8.5	0.15 U 4.4	0.12 J 0.063 J	0.15 U 1.1	0.4 0.11 J	0.15 L 0.18 L	0.14 U 0.18 U	1.1 0.82	0.038 J 0.18 U	0.93 0.099 J	0.16 U 0.2 U
Phenanthrene	100	500	1000	0.027 J	0.42	0.18 U	0.1	J 0.97	0.078 J	0.093 J	0.075 J	0.48	0.18 0.11	0.076 J	2.7	0.08 J	2.8	0.12 U
Pyrene	100	500	1000	0.036 J	0.16	0.11 U	0.1 L	J 1.2	0.035 J	0.27	0.085 J	0.72	0.11 L	0.054 J	2.3	0.079 J	2.7	0.12 U
Total SVOCs	~	~	~	0.154 J	33.602 J	ND	ND	39.513 J	12.9 J	2.318 J	2.832 J	6.006 J	ND	0.632	22.258 J	0.565 J	20.193 J	ND
Polychlorinated Biphenyls (mg/ Aroclor 1254	kg)	~	~	0.0373 U	0.0374 U	0.0366 U	0.0351	J 0.00857 J	0.037 U	0.0383 U	0.0368 U	0.0375 U	0.0372	0.0359 U	0.0376 U	0.0373 U	0.037 U	0.0408 U
Aroclor 1268	~	~	~	0.0373 U	0.0374 U	0.0366 U	0.0351 L	J 0.0395 U	0.037 U	0.0383 U	0.0368 U	0.0375 U	0.0372 U	0.0359 U	0.0102 J	0.0373 U	0.037 U	0.0408 U
PCBs, Total	0.1	1	3.2	0.0373 U	0.0374 U	0.0366 U	0.0351 L	J 0.00857 J	0.037 U	0.0383 U	0.0368 U	0.0375 U	0.0372 L	0.0359 U	0.0102 J	0.0373 U	0.037 U	0.0408 U
Pesticides (mg/kg)	0.0000		47	0.00475	0.0010	0.00170	0.00100	0.00101	0.00470	0.00105	0.00170	0.00470	0.00/01	0.00471	0.00170	0.00171	0.00000	0.00101
4,4'-DDE 4 4'-DDT	0.0033	62 47	17 136	0.00175 U 0.00328 U	0.0018 U 0.00337 U	0.00179 U 0.00336 U	0.00166 L 0.00312 L	J 0.00184 U J 0.00344 U	0.00179 U 0.00336 U	0.00185 U 0.00347 U	0.00178 U 0.00334 U	0.00178 U 0.00335 U	0.00181 L	0.00174 U 0.00326 U	0.00178 U 0.00335 U	0.00174 U 0.00327 U	0.00236	0.00194 U 0.00364 U
Herbicides (mg/kg)	0.0000	+/	100	0.00020 0	0.00007 0	0.00000 0	0.00012 0	0.00044 0	0.00000 0	0.0004/ 0	0.00004 0	0.00000 0	0.00000 0	0.00020 0	0.00000 0	0.00027 0	0.0133	0.00004 0
Total Herbicides	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (mg/kg)				0500	6200	14000	10000	0500	10000	0500	10000	2000	0000	7000	11000	0000	0000	6200
Aluminum Antimony	~ ~	~ ~	~ ~	8500 4.48 U	6200 4.4 U	14000 4.4 U	19000 4.1 L	8500 J 1.4 J	10000 4.5 U	8500 1.8 J	16000 4.5 U	3800 1.4 J	6900 1.8 J	7200 1.3 J	11000 1.9 J	8800 3.8 J	8300 3.4 J	6200 1.3 J
Arsenic	13	16	16	5.1	3.4	6.2	6.3	10	3.5	6.5	6	6.3	3	3.6	7.6	3.4	8.2	1.6
Barium	350	400	820	44	68	54	220	86	110	89	110	140	62	53	170	300	380	56
Beryllium Cadmium	7.2 2.5	590 9.3	47 7.5	0.26 J 0.9 U		0.31 J 0.89 U	0.41 L 0.82 L		0.45 U 0.89 U		0.1527 J 0.9 U	0.2 J 0.94	0.14 J 0.9 L		0.21 J 0.9 U	0.12 J 0.89 U	0.26 J 1.2	0.11 J 0.96 U
Calcium	~	~	~	12000	24000	1200	3200	3200	3300	45000	2400	3500	2200	1600	9400	4800	13000	2200
Chromium	~	~	~	12	18	19	37	18	34	20	35	11	21	19	27	31	26	19
Chromium, Hexavalent	1	400	19	0.91 U	0.91 U 18			J 0.95 U 18		0.95 U	0.43 J	0.39 J	0.92 L		0.2 J	0.9 U	0.92 U	
Chromium, Trivalent Cobalt	30 ~	1500	~ ~	12 6.3	18 6.3	19 7.1	37 11	18 5.7	34 J 11	20 6	34 J 10	11 J 4.3	21 5.7	19 6.5	27 J 9.4	31 8.4	26 5.7	19 5.2
Copper	50	270	1720	9.7	16	18	12	20	28	31	31	46	19	19	87	28	24000	15
Iron	~	~	~	19000	14000	21000	31000	11000	18000	17000	23000	8900	13000	15000	28000	16000	15000	11000
Lead	63	1000	450	6.2	3.3 J 16000	11	20 L 12000		2.3 J		4.5 U	220	2.8 J	4.4 U 4400	170	1.1 J	540	4.8 U 4600
Magnesium Manganese		10000	2000	8400 630	340	3700 190	12000	3400 93	7200 260	26000 280	7600 390	2000 88	3800 170	200	6200 670	7300 1600	4600 240	4600 140
Mercury	0.18	2.8	0.73	0.05 J	0.08 U	0.1	0.07 L		0.07 U		0.02 J	0.25	0.02 J	0.07 U	0.3	0.03 J	0.64	0.08 U
Nickel	30	310	130	8.5	14	14	12	13	21	13	25	21	13	16	21	24	35	16
Potassium Selenium	~ 3.9	~ 1500	$\tilde{4}$	630 1.8 U	2300 1.8 U	640 1.8 U	10000 1.6 L	1200 J 1.9 U	5000 1.8 U	1600 1.9 U	3600 1.8 U	570 0.59 J	2100 1.8 L	2300 1.7 U	3600 1.8 U	4000 1.8 U	1400 1.8 U	2600 1.9 U
Silver	2	1500	4 8.3	0.9 U		0.89 U		J 0.94 U			0.9 U	0.89 U			0.9 U			0.96 U
Sodium	~	~	~	490	280	230	150 J	640	480	460	380	100 J	190	210	780	470	440	290
Vanadium	- 109	10000	~ 2480	18 33	24	24 57	51 87	21 82	35	24	52 85	16	25 51	27 70	40	32 75	22 1700	20 54
Zinc General Chemistry	109	10000	2480	33	35	5/	8/	82	83	140	55	250	51	/0	330	/5	1700	54
Total Cyanide (mg/kg)	27	27	40	0.21 J	1.1 U	1.1 U	1 L	J 1.1 U	1.1 U	1.1 U	1.1 U	0.69 J	1.1 U	1.1 U	1.1 U	1.1 U	0.23 J	1.1 U
Total Solids (%)	~	~		88.2	88	89	94.7	84.4	87.8	83.9	87.5	87.1	87.4	91.1	87.8	89.2	86.6	81.2

 Notes:

 1. Grab soil sample analytical results are compared to the Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (INYCRR) Part 375-6.8(a,b) Uncestricted Use, Restricted Use Commercial, Protection of Groundwater and CP-61 Supplemental Soil Cleanup Objectives (SCO).

 2. Only detected analytes are shown in the table.
 3. Results detected at concentrations above the Unrectricted Use SCOs are shaded.

 4. Results detected at concentrations above Protection of Groundwater SCOs are in red.
 6. Reporting Limits (RL) above Unrestricted Use SCOs are in red.

 6. Reporting Limits (RL) above Unrestricted Use SCOs are italicized.
 7. mg/kg = milligrams per kilogram

 8. ~ = Criterion does not exist.
 9. ND = Not Detected

Qualifiers: J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

#### Table 3 Groundwater Sample Detections Summary VOCs, SVOCs, PCBs, Pesticides, Herbicides, Total and Dissolved Metals

**Brownfield Cleanup Program Application** 2409 Jerome Avenue Bronx, New York Langan Project No. 170390601

Location	NYSDEC Water	MW01	MW02
Sample ID	Quality Standard	MW01 122115	MW02 122115
Lab Sample ID	and Guidance	L1533806-01	L1533806-02
Sampling Date	Values	12/21/2015	12/21/2015
Volatile Organic Compounds (µ			
1,2,4,5-Tetramethylbenzene	5	500 U	1 J
1,2,4-Trimethylbenzene	5 5	1700	<b>19</b> 2.8
1,3,5-Trimethylbenzene Acetone	50	440 J 1200 U	2.8
Benzene	1	4200	50
Cyclohexane	~	280 J	16
Ethylbenzene	5	2900	23
Isopropylbenzene	5	620 U	1.5 J
Methyl cyclohexane	~	160 J	14
n-Propylbenzene	5	240 J	2.1 J
Naphthalene o-Xvlene	10	320 J	3.3 7.1
p-Ethyltoluene	5 ~	<b>4600</b> 1200	6.1
p/m-Xylene	5	11000	47
Toluene	5	18000	14
Semivolatile Organic Compoun			
2,4-Dimethylphenol	1	87	5 U
2-Methylphenol	~	73	5 U
3-Methylphenol/4-Methylphenol	~	83	5 U
	~	49	5 U
Diethyl phthalate 2-Methylnaphthalene	50 ~	5 U 44	0.76 J 0.33
2-ivietnyinaprimaiene Naphthalene	~ 10	280	1.5
Polychlorinated Biphenyls (µg/l		LVV	1.0
Total PCBs	0.09	ND	ND
Pesticides (µg/I)			
Total Pesticides	~	ND	NA
Herbicides (µg/l)			
Total Herbicides	~	ND	NA
Total Metals (μg/l)	-		
Aluminum	~	1700	NA
Antimony Arsenic	3 25	1.1 J 7.7	NA NA
Barium	1000	1688	NA
Cadmium	5	0.5	NA
Calcium	~	470000	NA
Chromium	50	4.7	NA
Cobalt	~	4.1	NA
Copper	200	18.2	NA
Iron	300	4090	NA
Lead Magnesium	25 35000	36 208000	328.2 NA
Manganese	300	4963	NA
Nickel	100	12.9	NA
Potassium	~	23800	NA
Selenium	10	2 J	NA
Sodium	20000	646000	NA
Vanadium	~	5.2	NA
Zinc	2000	11.8	NA
Dissolved Metals (µg/I)	~	5 J	NA
Aluminum Antimony	3	5 J 1.1 J	NA
Arsenic	25	7.4	NA
Barium	1000	1818	NA
Cadmium	5	0.6	NA
Calcium	~	475000	NA
Chromium	50	1.3 J	NA
Cobalt	~	3	NA
Copper	200	3.3	NA
Iron Lead	300 25	1070 33.2	NA NA
Magnesium	35000	211000	NA
Manganese	300	4582	NA
Nickel	100	7.1	NA
Potassium	~	27400	NA
Sodium	20000	608000	NA
Vanadium	~	0.8 J	NA
Zinc	2000	3.2 J	NA
General Chemistry (µg/l)	000	0	<b>N1</b> A
Cyanide, Total	200	2 J	NA

Notes and Qualifiers: 1. Groundwater samples analytical results are compared to the Title 6 New York Codes Rules and Regulations (NYCRR) Part 703.5 Guidance Values for Class GA water and the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series.(TOGS) 1.1.1 Ambient Water Quality

Standards (AWQS)
Only detected analytes are shown in the table.
Results detected at concentrations above the NYSDEC Water Quality Standard and Guidance Values are highlighted and bolded. 4. Reporting limits above established criteria are italicized.

6. A substrating immediate based of the and the indicated.
7. J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated concentration.

8. U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

## Table 4 Soil Vapor and Ambient Air Sample Detections - VOCs

#### Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, New York Langan Project No. 170390601

Sample Location Sample ID Lab Sample ID Sampling Date	Minimum Soil Vapor Concentrations Requiring Mitigation	L1533739-	AA01 AA01_121815 L1533739-02 12/18/2015		815 •01 15	SV02 SV02_1218 L1533739- 12/18/201	03	SV03 SV03_121815 L1533739-04 12/18/2015	
Volatile Organic Compounds (ug/m <sup>3</sup> )									
1,3-Butadiene	~	0.442	U	86.3	U	993	U	118	
2,2,4-Trimethylpentane	~	0.934	U	69100		962000		333	
2-Butanone	~	1.47	U	552		3300	U	543	
2-Hexanone	~	0.82	U	160	U	1840	U	62.3	
Acetone	~	6.96		463	U	5340	U	20.2	U
Benzene	~	1.29		5560		18800		32.6	
Carbon disulfide	~	0.623	U	121	U	1400	U	48.3	
Chloromethane	~	1.21		80.5	U	927	U	4.83	
Cyclohexane	~	0.688	U	2130		406000		111	
Ethyl Alcohol	~	12.2		1840	U	21100	U	80.3	U
Ethylbenzene	~	0.869	U	695		1950	U	21.2	
Heptane	~	0.82	U	4010		308000		340	
Isopropyl alcohol	~	1.76		240	U	2750	U	10.5	U
Methyl tert-butyl ether	~	0.721	U	999		1620	U	6.13	U
n-Hexane	~	0.747		3910		1270000		226	
o-Xylene	~	0.869	U	669		1950	U	22.1	
p/m-Xylene	~	1.74	U	1780		3900	U	63	
tert-Butyl Alcohol	~	1.52	U	476		3400	U	31.8	
Tetrachloroethene	100	1.36	U	264	U	3040	U	63.7	
Toluene	~	1.66		8630		1690	U	34.7	
Trichlorofluoromethane	~	1.15		219	U	2520	U	9.55	U

#### Notes:

1. Only detected analytes in soil vapor and/or ambient air are shown in the table.

2. Soil vapor analytical results were not detected above the minimum concentration requiring mitigation on the New York State Department of

Health (NYSDOH) decision matrices.

3. µg/m<sup>3</sup> = micrograms per cubic meter

4. ~ = Criterion does not exist

#### Qualifiers:

U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

#### ATTACHMENT D

#### SECTION IV: PROPERTY INFORMATION

The reference point for the given latitude (40°51'41.80") and longitude (73°54'08.92") is the approximate center of the proposed site.

Figure 1 is a United States Geological Survey (USGS) 7.5 minute quadrangle map showing the location of the proposed site.

Figure 2 provides a property base map that shows i) proposed site boundary lines with adjacent property owners identified; and ii) surrounding property land uses.

Figure 3 provides a property base map that shows i) a distance of at least 1,000 feet around the proposed site at a scale no smaller than one inch equal to 200 feet; and ii) map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways.

Figure 4 is a Digital Tax Map from the New York City Department of Finance showing the proposed site boundary and its tax block and lots.

#### Item 1 Response

The site boundary corresponds to tax map metes and bounds. Attached for reference is the relevant New York City-Bronx tax map (Figure 3). The property is identified by Tax Block 3199, Lots 106 and 113.

#### Item 2 Response

Figure 2 is the required property base map.

#### Item 3 Response

The site is located within the boundaries of Bronx County Census Tract 253, which meets both Environmental Zone criteria: i) a poverty rate of at least 20 percent according to the 2000 Census and an unemployment rate of at least 125 percent of the New York State average; and ii) a poverty rate of at least double the county rate for the county in which the tract is located.

#### Item 6 Response

NYSDEC Spill Case No. 8805383, associated with removal of thirteen 550-gallon underground storage tanks (UST) and one closed gasoline 4,000-gallon UST (located on Lot 106), was reported to NYSDEC on September 22, 1988, and closed on February 27, 1989. Information pertaining to the closed spill case was obtained by submitting a Freedom of Information Act request to the NYSDEC and from NYSDEC staff during our BCP pre-application meeting on July 13, 2016. Based on the information obtained, the spill was reported when an unknown amount of gasoline was spilled onto surface soil and groundwater during the removal of the former

Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, NY

USTs. A copy of the NYSDEC spill report is included at the end of this attachment. We have not been able to locate a tank closure report for these tank removals. In any event, it is our interpretation that the property was not "previously remediated. . . .such that it may be redeveloped for its then intended use" within the meaning of ECL 27-1407(1) because the work performed was a limited tank removal, was not sufficient or intended to prepare the site for the future uses then under consideration, and subsequent Phase II sampling has confirmed the existence of other subsurface impacts not addressed by the tank removal.

#### <u>Item 8 Response</u>

A New York City Transit Authority (NYCTA) elevated structure (the "4"-line) is east of the site, above Jerome Avenue. The transit structure is offset approximately 28 feet from the east property line. Due to the proximity of the site to a NYCTA structure, all future remedial investigations, foundation design, support of excavation plans, and construction of the proposed building must conform to the NYCTA requirements.

#### Item 10 Response

#### Location:

The site is located at 2409 Jerome Avenue in the Fordham Heights neighborhood of the Bronx, New York and denoted on the New York City Tax map as Block 3199, Lots 106 and 113. The site is bound by a 2-story commercial building (2415 Jerome Ave) followed by West Fordham Road to the north, Jerome Avenue to the east, a 2-story academic facility (2375 Jerome Avenue) followed by West 184th Street to the south, and a 5-story multifamily residential buildings (2390-2410 Davidson Avenue) followed by Davidson Avenue to the west. According to survey data, the proposed brownfield site grade is about el. 112 feet<sup>1</sup>.

#### Site Features:

The site is rectangular shaped and encompasses an approximate area of 25,200 square feet. The proposed site is comprised of an asphalt-paved parking lot and two 1-story structures used for auto repair. The topography of the site generally slopes to the east. An NYCTA elevated structure (the "4"-line) is east of the site, above Jerome Avenue. The transit structure is offset approximately 28 feet from the east property line.

#### Current Zoning and Land Use:

According to the New York City Planning Commission Zoning Map 3c, the proposed site is located within residential zoning district R7-1 with a C2-4 commercial overlay. R7 districts are classified as medium-density apartment house districts. The district has a maximum floor area

<sup>&</sup>lt;sup>1</sup> Elevations refer to North American Vertical Datum of 1988 (NAVD 88)

Brownfield Cleanup Program Application 2409 Jerome Avenue Bronx, NY

ratio (FAR) of 3.44. The applicable zoning map is provided in Attachment H. The surrounding parcels are located in residential and commercial zoning districts.

#### Past Use of the Site:

The proposed site (Lots 106 and 113) was once owned by the Exxon Corporation, a multinational oil and gas exploration and refining company, and filling station owner and operator. The former operations on Lot 106 include a greasing and auto laundry facility<sup>2</sup> (circa 1945 to 1989), auto repair and gasoline filling station (circa 1927 to 1989) with thirteen closed 550-gallon underground storage tanks (USTs) and one closed 4,000-gallon gasoline UST, and auto repair facility (circa 1989 to the present). Lot 113 was occupied by a parking lot from circa 1945 to the present. There is no relationship between the previous owner and the Requestor or the Requestor's corporate members. Deed information for Bronx Block 3199, Lots 106 and 113 is listed in the following table.

Bronx Block 3199, Lot 106 and 113				
Date	Document Type	First Party	Second Party	Relationship to Applicant
Recording: 7/11/1988	Deed	Exxon Corporation 5959 Las Colinas Boulevard Irving, Texas Phone No.: (972) 444-1000	2409 Jerome, Inc.	None
Effective: 2/24/89				

The thirteen closed 550-gallon USTs and closed 4,000-gallon USTs were installed in December 1968 and December 1978, respectively. Based on the NYSDEC petroleum bulk storage (PBS) records (PBS # 2-188492) and an interview with site personnel, these USTs were decommissioned and removed from the site between 1988 and 1991. A petroleum spill (Spill No.: 88-05383) was reported to the NYSDEC during the removal of a UST in September 1988 when unknown volume of gasoline was released into surface soil and groundwater. The spill was subsequently closed by the NYSDEC in February 1989.

Previous owners or operators have not signed any oversight documents (for example, a Stipulation Agreement or Consent Order) with the NYSDEC to remediate petroleum contamination.

<sup>&</sup>lt;sup>2</sup> A greasing and auto laundry facility is an outdated term for auto repair facility.

#### Site Geology and Hydrogeology:

Based on borings advanced by Langan during environmental and geotechnical subsurface investigations in December 2015 - January 2016, the subsurface strata consists of a layer of historic fill material that extends to depths of up to 9 feet bgs followed by native soil and bedrock. The historic fill consists of brown-black, medium to find sand with varying amounts of silt, clay, gravel, and debris. Native soil consisting of a layer of gray-brown clay with varying amounts of sand and silt, followed by a layer of brown-black, medium to find sand with varying amounts of gravel, silt, and clay was encountered beneath the historic fill layer. Bedrock, consisting of fine-grained biotite-quartz gneiss, is present at about 15 to 18 feet bgs across the site; bedrock is weathered near the contact with overlying soil in isolated locations.

Based on a synoptic gauging event of two monitoring wells (MW01 and MW02) on December 21, 2015, depth to groundwater ranges from about 9.63 to 10.00 feet bgs, respectively. The poor recharge experienced during groundwater sampling likely indicates groundwater is perched on bedrock. Groundwater is expected to flow to the west towards the Harlem River, which is located about 3,000 feet west of the proposed brownfield property. Potable water is provided to the proposed site by the City of New York and is derived from surface reservoirs in the Croton, Catskill, and Delaware watersheds. Contaminated groundwater is therefore not expected to impact the drinking water supply.

#### Environmental Assessment:

Known or suspected sources of contamination include former underground petroleum bulk storage tanks associated with the gasoline filling station, up to 9 feet of historic fill, petroleumimpacted soil exceeding the Title 6 New York Codes Rules and Regulations (NYCRR) Part 375-6.8(a,b) Unrestricted Use and/or Restricted Use Commercial Soil Cleanup Objectives (SCOs) and petroleum-impacted groundwater exceeding the 6 NYCRR Part 703.5 Water Quality Standards for Class GA water. Based on field observations and analytical results from soil and groundwater samples, a petroleum spill, likely gasoline, occurred at the site. A spill was reported to the NYSDEC in December 2015 and Spill No. 15-09511 was issued.

#### Soil -

A 1 to 9-foot thick layer of historic fill composed of varying amounts of sand, silt, clay, gravel, brick, concrete, asphalt, glass, and coal fragments was encountered beneath the asphalt pavement. PAHs and metals typically found in historic fill in urban environments were identified at concentrations above their Unrestricted Use and/or Restricted Use Commercial Use SCOs.

Visual, olfactory, and/or photoionization (PID) evidence of petroleum impacts were apparent in soil. Petroleum-like staining, odors, and PID readings above background were generally observed from below surface cover to the termination depth of the borings (up to 16 feet bgs). Petroleum product was observed near the end of borings at two locations. In addition,

analytical evidence of petroleum impacts was demonstrated in several soil samples. Volatile organic compounds (VOCs) were detected at concentrations above their Unrestricted Use and Protection of Groundwater SCOs in soil; VOCs exceeded their Restricted Use Commercial Use SCOs in soil at two locations. The extent of the petroleum impacts will be further investigation during the remedial investigation.

# Groundwater -

Petroleum-related VOCs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, naphthalene, *o*-xylene, *m/p*-xylene, and toluene, were identified in groundwater at concentrations exceeding their respective 6 NYCRR Part 703.5 Water Quality Standards for Class GA water. Dissolved barium, iron, lead, magnesium, manganese, and sodium were detected in groundwater.

# Soil Vapor -

Tetrachloroethylene (PCE) was detected in one soil vapor sample. Several other VOCs, including petroleum-related VOCs, were detected in one or more soil vapor samples. Although New York State has not established concentration standards, criteria, or guidance for soil vapor, a conservative comparison of the PCE results to the NYSDOH Decision Matrices recommends actions ranging from "no further action" to "take reasonable and practical actions to identify source(s) and reduce exposures."

## ATTACHMENT D

## SUPPORTING DOCUMENTATION

Figure 1 – Site Location Map

Figure 2 – Property Base Map

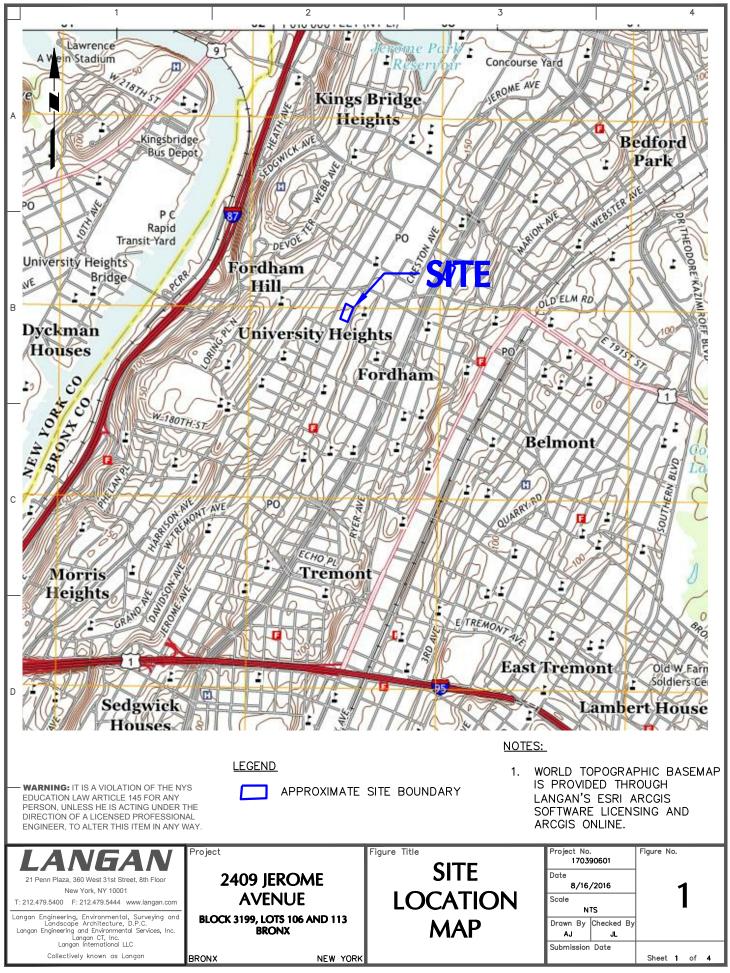
Figure 3 – Site Map with 1000-foot Radius Line

Figure 4 – Property Tax Map

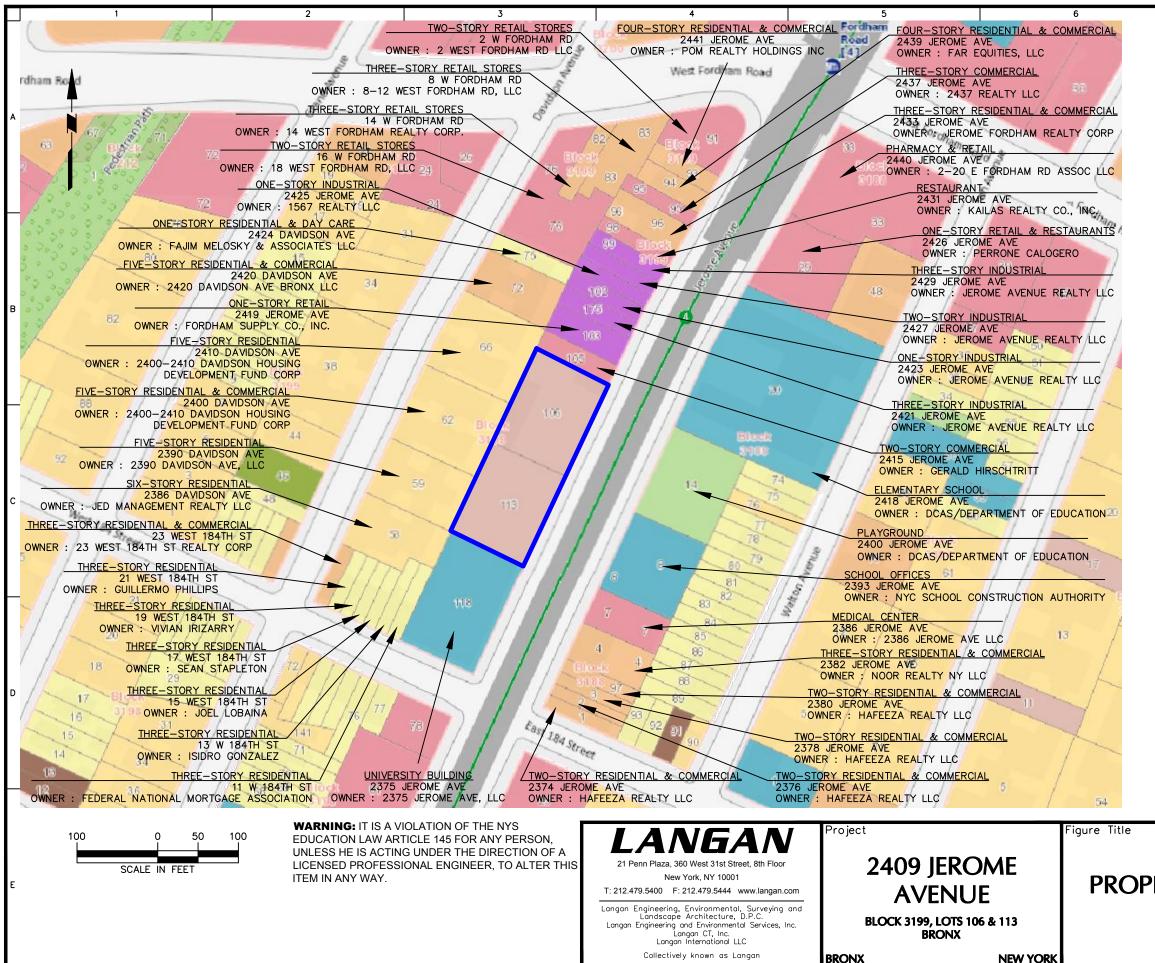
NYSDEC Spill Report Form, dated September 22, 1988

Geographic Online Address Translator (GOAT), NYC Department of City Planning, Property Information for Block 3199, Lot 106

Geographic Online Address Translator (GOAT), NYC Department of City Planning, Property Information for Block 3199, Lot 113



Filename: \\langan.com\data\NY\data6\170390601\Cadd Data - 170390601\2D-DesignFiles\Environmental\BCP Application\Figure 1 - Site Location Map.dwg Date: 8/25/2016 Time: 11:33 User: ajackson Style Table: Langan.stb Layout: ANSIA-BP

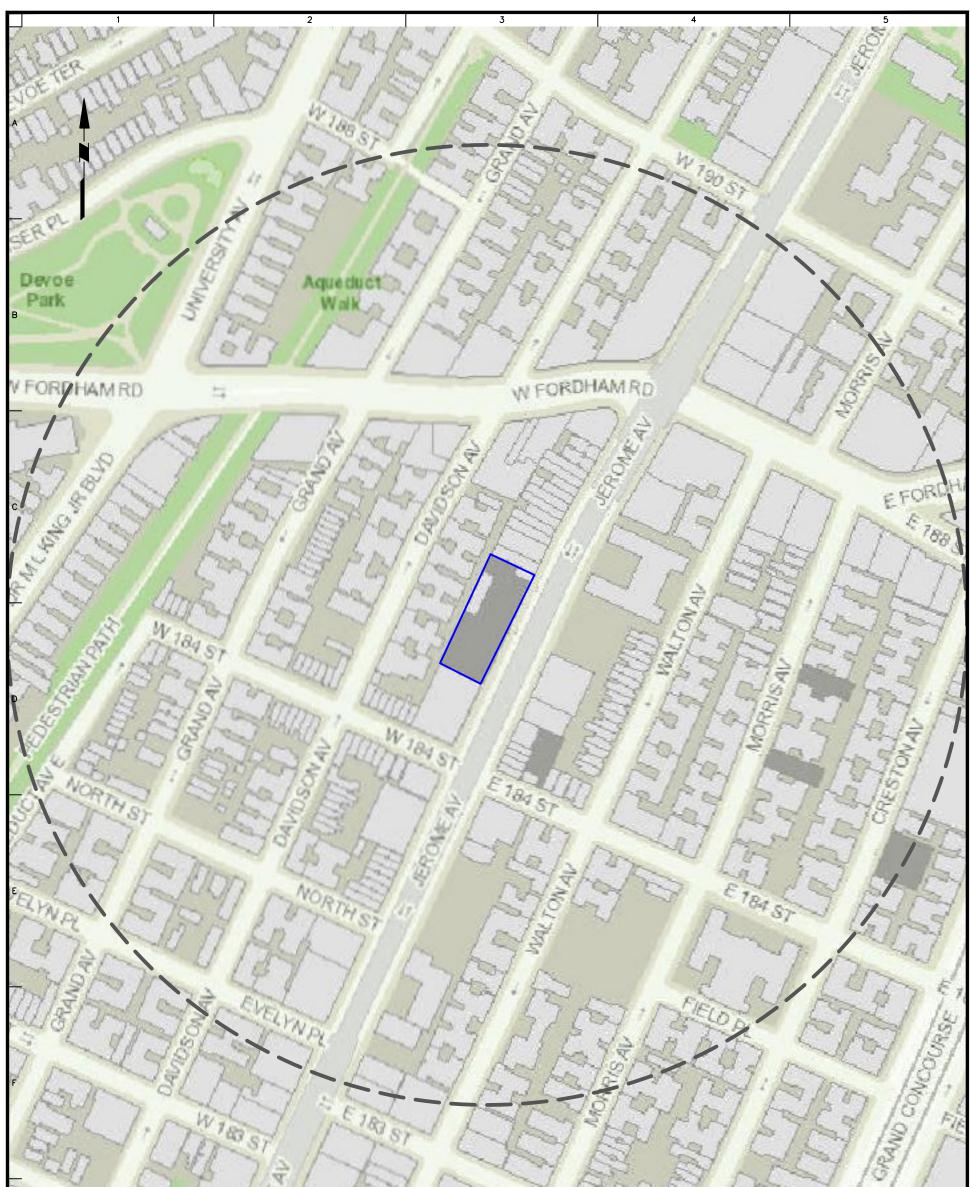


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#### NOTES:

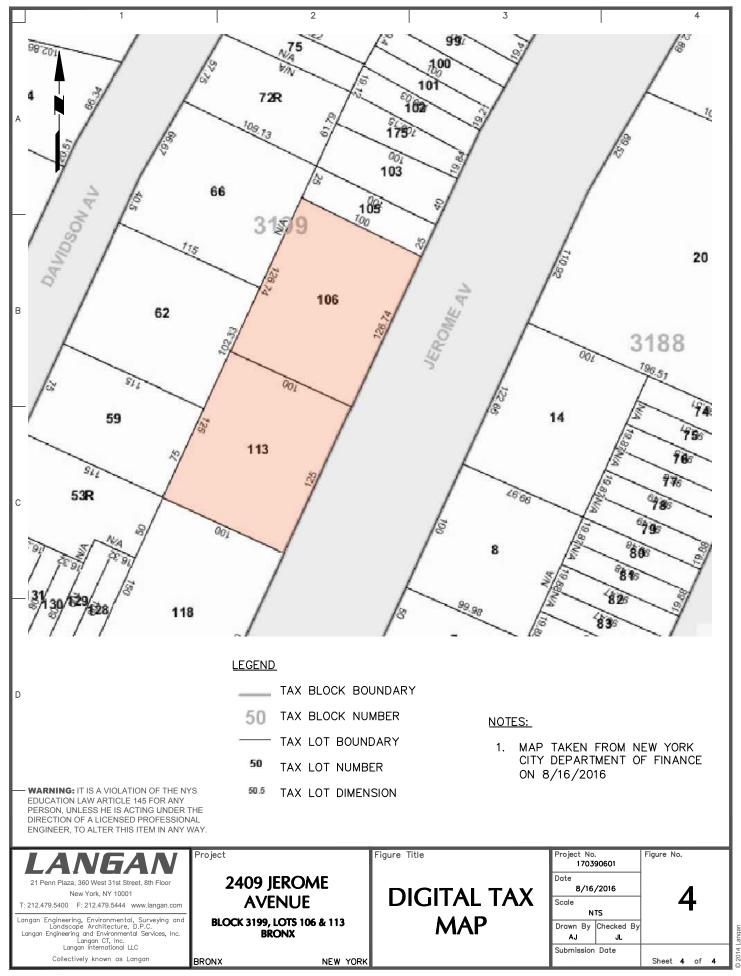
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Filename: \\langan.com\data\NYC\data6\170390601\Cadd Data - 170390601\2D-DesignFiles\Environmental\BCP Application\Figure 3 - 1000-ft lineP.dwg Date: 8/25/2016 Time: 13:19 User: ajackson Style Table: Langan.stb Layout: ANSIB-BP



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# NYSDEC SPILL REPORT FORM



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			ç	SPILL LOCA					
PLACE:	EXXO	N SERV S	_		COUNTY	:	Bronx		
STREET:	2409	JEROME A	V		TOWN/CI		New Yor	k City	
					COMMUN		NYC		
CONTACT:					CONTAC	T PHONE:			
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# ATTACHMENT E

# SECTION VI: CURRENT PROPERTY OWNER/OPERATOR INFORMATION

#### Site Owner

The requestor and current owner of the proposed site is 2409 Jerome, Inc.

# Previous Property Owners

A review of ownership records for the proposed site identified 2409 Jerome, Inc. as the present owner. The proposed site was once owned by the Exxon Corporation, a multinational oil and gas exploration and refining company, and filling station owner and operator. There is no relationship between the previous owner and the Requestor or the Requestor's corporate members. Deed information for Bronx Block 3199, Lots 106 and 113 is listed in the following table.

Date	Document Type	First Party	Second Party	Relationship to Applicant
Recording: 7/11/1988	Deed	Exxon Corporation 5959 Las Colinas Boulevard <sup>1</sup>	2409 Jerome,	None
Effective: 2/24/89		Irving, Texas Phone No.: (972) 444-1000	Inc.	

Reference: New York City Department of Finance Automated City Register Information System (ACRIS) website: <u>https://a836-acris.nyc.gov/DS/DocumentSearch/Index</u>.

# **Previous Property Operators**

Name	Relationship to Property	Address and Phone Number	Relationship to Applicant
24 Towing Service and Fordham Auto Plus Inc.	Operators (1993 to present)	2409 Jerome Avenue Bronx, New York Phone No. Unknown	Current Operator
Ariel Service Station	Operator (1983 to 1993)	2409 Jerome Avenue Bronx, New York Phone No. Unknown	None

<sup>&</sup>lt;sup>1</sup> Address and telephone number for Exxon Corporation corporate headquarters is from their company website: http://corporate.exxonmobil.com/en/company/contact-us/directory/business-headquarters

Name	Relationship to Property	Address and Phone Number	Relationship to Applicant
Plattner S Service Station	Operator (1956 to 1983)	2409 Jerome Avenue Bronx, New York Phone No. Unknown	None
Kesbec Inc. Gas Station	Operator (1927 to 1956)	2409 Jerome Avenue Bronx, New York Phone No. Unknown	None

Reference: Environmental Data Resources, Inc. January 13, 2016. City Directory Abstract Report.

Previous owners or operators have not signed any oversight documents (for example, a Stipulation Agreement or Consent Order) with the NYSDEC to remediate petroleum contamination.

# ATTACHMENT E

# SUPPORTING DOCUMENTATION

# 1. Environmental Lien and AUL Search and Deed (dated March 22, 1989)

# Monroe College

2409 Jerome Avenue Bronx, NY 10468

Inquiry Number: 4456567.7 November 05, 2015

# **EDR Environmental Lien and AUL Search**



6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

# **EDR Environmental Lien and AUL Search**

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- · search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

#### Thank you for your business.

Please contact EDR at 1-800-352-0050 with any guestions or comments.

#### Disclaimer - Copyright and Trademark Notice

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# EDR Environmental Lien and AUL Search

#### TARGET PROPERTY INFORMATION

#### ADDRESS

2409 Jerome Avenue Monroe College Bronx, NY 10468

#### RESEARCH SOURCE

#### Source 1:

New York City Register Bronx, NY

#### **PROPERTY INFORMATION**

#### Deed 1:

Type of Deed:	Indenture
Title is vested in:	2409 JEROME, INC.
Title received from:	EXXON CORPORATION
Deed Dated	7/11/1988
Deed Recorded:	3/22/1989
Book:	908
Page:	1642
Volume:	NA
Instrument:	2960000745196
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	2409 JEROME, INC.
Parcel # / Property Identifier:	Block 3199 Lot 106, Block 3199 Lot 113
Comments:	See Exhibit
ENVIRONMENTAL LIEN	
Environmental Lien:	Found 🔲 Not Found 🕱
OTHER ACTIVITY AND USE LIMITA	TIONS (AULs)
AULs:	Found 🔲 Not Found 🗵

**Deed Exhibit 1** 

REEL 0908 PG 1 6 4 2

THIS INDENTURE, made the <u>H</u><sup>T</sup> day of <u>Graf</u>, nineteen hundred and eighty-**Sight**, but EFFECTIVE as of the **24** <sup>9</sup> day of **Lebruary**, nineteen hundred and eighty-**Mat**, between EXXON CORPCRATION, a New Jersey corporation (successor by merger to Humble <u>H</u><sup>T</sup> & Refining Company), having an office at 800 Bell Street, Houston, Texas 77092-7426, party of the first part, and 2409 JEROME, INC., 'is East Fordnam Road, Bronx, New York 10468, party of the second part.

WITNESSETH, that the party of the first part, in consideration of Ten and NO/100 Dollars (\$10.00) and other good and valuable consideration, lawful money of the United States, paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain tract or parce: of 'and (the "Property") situate in the Borough of Bronx, County of Bronx and State of New York, being more particularly described in Exhibit "A" attached hereto,

TOGETHER with all right, title and interest, if many, of the party of the first part of, in and to any streets and roads abutting the above-described Property to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to the Property,

SUBJECT to conditions, covenants, restrictions, reservations, rights-of-way and easements contained in former instruments of record,

SUBJECT to all laws, regulations, restrictions, including building and zoning ordinances, of the municipality or other governmental authorities having jurisdiction thereof,

SUBJECT to any state of facts an accurate survey may disclose.

PARTY of the second part acknowledges that the Property described herein has been used as a service station for the storage, sale, transfer and distribution of motor vehicle fuel, petroleum products or derivatives containing hydrocarbons, and that such fuel, products or derivatives may have been spilled, leaked, or otherwise discharged onto or into the Property.

2446L

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REEL 0 9 0 8 PG 1 6 4 3

PARTY of the first part expressly reserves, for a reasonable period of time which shall be deemed to be not less than 90 days from the date hereof, (1) the full and unencumbered right to enter upon the Property for the purpose of removing all signs, goods, equipment and fixtures, including underground tanks and lines, not sold to party of the second part, and (2) the right to enter upon the Property to conduct such tests for possible surface or subsurface contamination as party of the first part, in its sole judgment and discretion, determines to be necessary, including the right to place, maintain and monitor observation wells (the number and locations to be determined in party of the first part's sole judgment and discretion). If contamination is found and if party of the first part shall have the right, but not the duty, to take such action to accomplish such removal in the order and over the period party of the first part, in its sole discretion, deems appropriate.

·2 -

AS further consideration for this conveyance, party of the second part does hereby remise, release and forever discharge party of the first part, its representatives, successors and assigns, from any and all claims, demands and causes of action, at law or in equity, for injury (including death). destruction, loss or damage of any kind or character, to the person or property of party of the second part and party of the second part's employees, agents, servants and representatives, arising out of, or in relation to, any actual or alleged spills, leaks, or other discharges onto or into the Property which may have resulted in surface or subsurface contamination.

AS further consideration for this conveyance, party of the second part agrees to be responsible for and indemnify and hold party of the first part harmless from any and all claims, demands and causes of action, at law or in equity, brought by any and all third parties, including (without limitation) party of the second part's employees, agents, servants, invitees and representatives, and also including (without limitation) any private citizens, persons, organizations and any agency, branch or representative of federal, state or local government, on account of any injury (including death), destruction, loss or damage of any kind or character to person, property or natural resources, arising out of, or in relation to, any actual or alleged spills, leaks or other discharges onto or into the Property which occur at any time after the effective date of this conveyance.

# REEL 0 9 0 8 PG 1 6 4 4

THE conditions, covenants and other provisions set out hereinabove shall be covenants running with the land and shall be binding upon and shall inure to the benefit of the parties, their subsidiaries, affiliates, legal representatives, heirs, successors and assigns.

AD VALOREM taxes and special assessments, if any, against the Property herein conveyed for the current year shall be prorated between party of the first part and party of the second part as of the effective date hereof, and party of the second part hereby assumes and agrees to pay same.

TO HAVE AND TO HOLD the Property herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the Property has been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part 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 and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

THE word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.



EXXON CORPORATION

i ant Vice President

REEL 0 9 0 8 PG 1 6 4 5

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STATE OF TEXAS COUNTY OF HARRIS

On the  $\mu^{\text{th}}$  day of  $\mu^{\text{th}}$ , 1987, before me personally came Joe T. McMillan, to me known, who, being by me duly sworn, did depose and say that he resides at 800 Bell Street, Houston, Harris County, Texas; that he is the Vice President of EXXON CORPORATION, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.



Notary Public in and for the State of Texas

My commission expires: <u>2-29-92</u>

2446L

REEL 0 9 08 PG 1 6 4 6

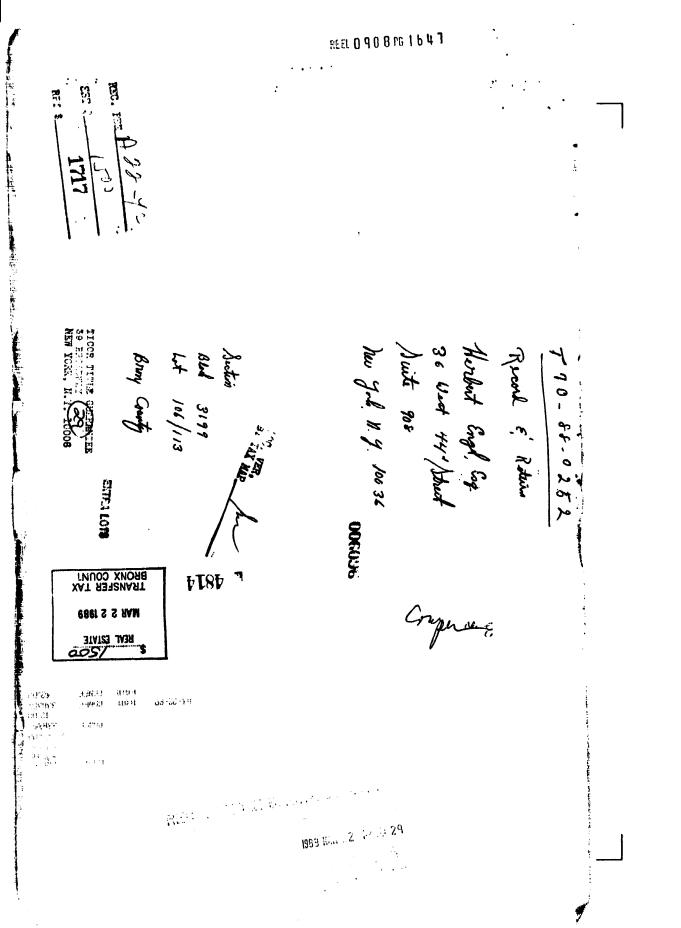
#### SP #3-7820 Bronx, NY

EXHIBIT "A" TO DEED FROM EXXON CORPORATION TO 2409 JEROME, INC.

All that certain tract or parcel of land lying, situate and being in the Borough of BRONX, County of Bronx, State of New York, bounded and described as follows:

Beginning at a point on the westerly side of Jerome Avenue distant 150 feet northerly from the corner formed by the intersection of the northerly side of 184th Street and the westerly side of Jerome Avenue; thence westerly parallel with the northerly side of 184th Street, 100 feet; thence northerly parallel with the westerly side of Jerome Avenue 250 feet; thence easterly parallel with the northerly side of 184th Street 100 feet to the westerly side of Jerome Avenue; thence southerly along the westerly side of Jerome Avenue 250 feet to the point or place of beginning.

2446L



# ATTACHMENT F

# SECTION VII: REQUESTOR ELIGIBILITY INFORMATION

## Items 1-4 Response

Following reporting of the results of the Phase II investigation, the NYSDEC Region 2 Spill Response program opened a case in its database for the site and has been in contact with the applicant and its consultants regarding next steps. Following receipt of correspondence from the Spill Response program in May 2016 requiring installation of wells on a specific timetable (copy attached), the applicant informed the Spill Response program of its intent to apply for the Brownfield Cleanup Program. While the correspondence stated that conditions at the site were a violation of the ECL, applicant is under no enforcement action or order.

# Item 11 Response

According to the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) database (#2-188492), the proposed site includes an in-service 550-gallon used oil underground storage tank (UST). In addition, there are thirteen 550-gallon gasoline USTs (installed in December 1968) and one 4,000-gallon gasoline UST (installed in December 1978) associated with the Subject Property that were closed prior to March 1991. Based on PBS records and interviews with site personnel, these USTs were decommissioned and removed from the site between 1988 and 1991.

During the site reconnaissance and review of available environmental databases and historical site maps conducted for the March 2016 Phase I ESA, the following petroleum storage tanks were identified:

- One 50-gallon transmission fluid aboveground storage tank (AST) was observed in the southern portion of Lot 106.
- A registered in-service 550-gallon waste oil UST is located in the central portion of Lot 106. The site operator indicated that the waste oil UST is no longer being used.
- Former petroleum bulk storage tanks at the site included an oil tank for a boiler and gasoline tanks for a filling station.
- The site operator indicated that a closed-in-place hydraulic oil tank once used to power hydraulic lifts is located within the one-story building.

# ATTACHMENT G

#### SECTION VII: VOLUNTEER

Based on the findings of the Phase II Environmental Site Investigation (ESI), the proposed brownfield site is impacted by residual petroleum product and petroleum-related volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) in soil and groundwater. Based on Phase I Environmental Site Assessment due diligence, analysis of the samples, and post-acquisition interviews and file review, these compounds are understood to have been released into the environment before the transfer of the property to the current owner. Gasoline underground tanks operated by prior owner were removed prior to transfer of title to the current owner. The current owner has never operated gasoline underground tanks. Auto repair operations have occurred during the current owner's tenure, but there have been no documented releases to the environment during the current period of ownership.

Since taking ownership of the site, the current owner exercised appropriate care of the property with maintenance of the existing impervious cover system, implementation of housekeeping practices for automobile repair operations, completion of a Phase II ESI to evaluate current site conditions, and engagement of the NYSDEC by disclosing the discovery of environmental impacts and discussing options for site remediation under the supervision of the agency.

Petroleum-related VOCs and/or SVOCs were detected in soil at concentrations above their respective Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) in five soil borings; VOCs also exceeded their Restricted-Commercial Use SCOs in two borings. Petroleum-related VOCs in groundwater were identified in two monitoring wells at concentrations above their 6 NYCRR Part 703.5 Water Quality Standards for Class GA water. Residual petroleum product was identified near the bottom of two soil borings, and is consistent with gasoline, based on the results of a petroleum hydrocarbon identification analysis. The residual petroleum contamination is related to the historical use of the site as a gasoline filling station between circa 1927 and 1989 and suspected releases from the former gasoline storage tanks associated with the filling station when they were in service. The thirteen 550-gallon gasoline underground storage tanks (USTs) and one 4,000-gallon gasoline UST were decommissioned and removed from the site before the property was purchased by the current owner. Although a petroleum spill was reported during the removal of the tanks, the NYSDEC subsequently closed the spill as it was presumably addressed to the satisfaction of the NYSDEC. Any potential sources of gasoline were removed prior to the current owner's

purchase of the proposed brownfield site. No gasoline has since been stored on site and no spills or releases of gasoline have since been reported for the site.

One chlorinated VOC, cis-1,2-dichloroethene (cis1,2-DCE), was detected in surface soil (o to 2 feet bgs) at one sample location near the active automobile repair facility at a concentration of 0.3 mg/kg, marginally exceeding its Unrestricted Use SCO (0.25 mg/kg). The concentration of cis-1,2-dichloroethene did not exceed its Commercial Use SCO (500 mg/kg). This chlorinated VOC was not detected in soil, groundwater, or soil vapor elsewhere at the site. There were no documented uses of chlorinated VOCs, including cis-1,2-DCE, for on-site operations since 1989 identified during the Phase I ESA. Furthermore, there were no site sources of chlorinated VOCs identified during subsequent visits to the site, other than a single receipt from November 2013 for brake cleaner spray (an approx. 19 ounce container) that, upon further research, was found to contain about 40-50% PCE. The brake cleaning products used on-site have primarily been and currently are hydrocarbon-based products based on visual observations and review of multiple receipts.

Based on the following, we conclude that the cis-1,2 DCE is not associated with current use as an automobile repair facility and is not a contaminant of concern at the proposed brownfield site:

- No documentation of cis-1,2-DCE use with current operations exists;
- The concrete slab inside the one-story building appears in good condition and no floor drains are present in the auto repair shop within the building; therefore, no current pathway to the subsurface for incidental releases of petroleum products or solvents; and
- Cis-1,2-DCE is not used commercially as a degreasing solvent in automobile repair operations.
- The detected concentration of cis-1,2-DCE only marginally exceed its Unrestricted Use SCO in surface soil at one location;

Possible sources of cis-1,2-DCE in surface soil include historical use of the site as a degreasing and auto laundry facility (circa 1945 to circa 1989), which started operations around the time chlorinated solvents were first introduced to the commercial marketplace (i.e., 1920s to 1950s).

# ATTACHMENT H

# SECTION IX: CONTACT LIST INFORMATION

### Item 1 Response

# **Chief Executive Officer**

Mayor Bill de Blasio City Hall 260 Broadway Avenue New York, New York 10007

# New York City Planning Commission

Carl Weisbrod, Chair Department of City Planning 22 Reade Street New York, NY 10007-1216

## Borough of the Bronx, Borough President

Ruben Diaz, Jr. 851 Grand Concourse, 3<sup>rd</sup> Floor Bronx, New York 10451

# Borough of the Bronx, Department of Planning and Development

Wilhelm Ronda 851 Grand Concourse, 3<sup>rd</sup> Floor Bronx, New York 10451

#### Item 2 Response

#### Residents, owners, and occupants of the site and properties adjacent to the site:

The contact information for the current owner is:

2409 Jerome, Inc. 29 East Fordham Road Bronx, New York (646) 393-8442

The building located on the site is operated as an auto repair facility and parking. The contact information for the tenant is:

Fordham Auto Plus 2409 Jerome Avenue Bronx, NY 10468 (718) 365-2492

Adjacent property owners include:

2375 Jerome Ave, LLC 29 E Fordham Road Bronx, NY 10468

Federal National Mortgage Association 14221 Dallas Parkway, Suite 1000 Dallas, TX 75254 (lot 128)

lsidro Gonzalez 13 West 184 St Bronx, NY 10468

Joel Lobaina 850 Bryant Avenue Bronx, NY 10474

Sean Stapleton 17 West 184<sup>th</sup> Street Bronx, NY 10458

Vivian Irizarry 15 West 184<sup>th</sup> Street Bronx, NY 10468

Guillermo Phillips 244 West 64<sup>th</sup> Street New York, NY 10023

23 West 184<sup>th</sup> Street Realty Corp 1906 White Plains Road Bronx, NY 10462 Jed Management Realty LLC 3200 Cruger Avenue, Suite 205 Bronx, NY 10467

2390 Davidson Ave., LLC c/o Prana Investments 665 Third Street, Suite 450 San Francisco, CA 94107

2400-2410 Davidson Housing Development Fund Corp 2400-2410 Davidson Ave. Bronx, NY 10468

2420 Davidson Ave. Bronx LLC c/o Prana Investments 665 Third Street, Suite 450 San Francisco, CA 94107

Fajim Melosky & Associates LLC 4570 Henry Hudson Parkway Bronx, NY 10471

18 West Fordham Road, LLC 155 Newark Ave New Jersey, NJ 07302

14 West Fordham Realty Corp. 2484 Grand Concourse Bronx, NY 10458

8-12 West Fordham Road LLC 1 Linden Place Great Neck, NY 11021

2 West Fordham Road LLC 640 Fifth Avenue New York, NY 10019

POM Realty Holdings Inc c/o Founders Equity Inc. 711 Fifth Avenue, Fifth Floor New York NY 10022

Far Equities, LLC c/o Gramatan Management Inc 2 Hamilton Avenue New Rochelle, NY 10801

2437 Realty LLC 95 Van Wart Avenue Tarrytown, NY 10591

Jerome Fordham Realty Corp. 115 Bramblebrook Road Ardsley, NY 10502

Kailas Realty Co., Inc. c/o Seymour I. Hurwitz 36 West 44<sup>th</sup> Street New York, NY 10036

1567 Realty LLC 304 Main Street Allenhurst, NJ 07711

Jerome Avenue Realty LLC 1407 Broadway, Suite 1405 New York, NY 10018 Fordham Supply Co Inc. 2419 Jerome Avenue Bronx, NY 10468

Gerald Hirschtritt 8111 NW 95<sup>th</sup> Lane Tamarac FL 33321

2-20 East Fordham Road Associates
LLCc/o ISJ Management, Inc.
110 West 34<sup>th</sup> Street
New York, NY 10001

Perrone Calogero P.O. Box 837 Brookfield, CT 06804

DCAS/Department of Education 52 Chambers Street New York, NY 10007

NYC School Construction Authority 30-30 Thomson Avenue Long Island City, NY 11101

2386 Jerome Avenue LLC 35 Woodcrest Drive Muttontown, NY 11791

Noor Realty NY LLC 2562 Bouck Avenue Bronx, NY 10469

Hafeeza Realty LLC 2562 Bouck Avenue Bronx, NY 10469

Adjacent property occupants include:

Monroe College 2375 Jerome Avenue Bronx, NY 10468

Current Resident 11 West 184 Street Bronx, NY 10468

Current Resident 13 West 184 Street Bronx, NY 10468

Joel Lobaina or Current Resident 15 West 184 Street Bronx, NY 10468

Sean Stapleton or Current Resident 17 West 184 Street Bronx, NY 10468

Vivian Irizarry or Current Resident 19 West 184 Street Bronx, NY 10468

Guillermo Phillips 21 West 184 Street Bronx, NY 10468

Current Resident 23 West 184 Street Bronx, NY 10468

House of Stars Beauty Salon 23 West 184 Street Bronx, NY 10468

JED Management Realty 37 Residential Units 2386 Davidson Avenue Bronx, NY 10468

Rent-a-Center 2430 Davidson Avenue Bronx, NY 10468

Dollar Fare 18 West Fordham Road Bronx, NY 10468

Energy Clothing Store14 West Fordham Road Bronx, NY 10468

Jin Won Kim 14 West Fordham Road Bronx, NY 10468

Checkers Restaurant 12 West Fordham Road Bronx, NY 10468

Envy Nails and Salon 10 West Fordham Road Bronx, NY 10468

Cricket Wireless 8 West Fordham Road Bronx, NY 10468

Rainbow 2 West Fordham Road Bronx, NY 10468

MetroPCS 2 West Fordham Road Bronx, NY 10468

Ryan Furniture 2 West Fordham Road Bronx, NY 10468

Diamante Poblano Restaurant 2431 Jerome Avenue Bronx, NY 10468

Jerome Avenue Realty 2429 Jerome Avenue Bronx, NY 10468

Jerome Avenue Realty 2427 Jerome Avenue Bronx, NY 10468

1567 Realty LLC 2425 Jerome Avenue Bronx, NY 10468

Jerome Avenue Realty 2423 Jerome Avenue Bronx, NY 10468

Jerome Avenue Realty 2421 Jerome Avenue Bronx, NY 10468

Air-Wave Air Conditioning Co. Inc. 2421 Jerome Avenue Bronx, NY 10468

Fordham Supply Co Inc. 2419 Jerome Avenue Bronx, NY 10468

Gerald Hirschtritt 2415 Jerome Avenue Bronx, NY 10468

Fordham Road Pharmacy 2 East Fordham Road Bronx, NY 10468

Jerome Pawnbroker 2436 Jerome Avenue Bronx, NY 10468

K&G Pharmacy 2434 Jerome Avenue Bronx, NY 10468

Monroe College Online Divisiion 2430 Jerome Avenue Bronx, NY 10468

Steve's Party Store & Bakery 2428 Jerome Avenue Bronx, NY 10468

P.S. 33 Timothy Dwight 2424 Jerome Avenue Bronx, NY 10468

NYC Department of Education 2392 Jerome Avenue Bronx, NY 10468

Jerome Medical Center 2386 Jerome Avenue Bronx, NY 10468

Jerome Pediatric Center 2386 Jerome Avenue Bronx, NY 10468

Jerome Kids Dental 2386 Jerome Avenue Bronx, NY 10468

2390 Davidson Ave, LLC 38 Residential Units 2390 Davidson Avenue Bronx, NY 10468

Davidson Pediatric Center 2400 Davidson Avenue Bronx, NY 10468

2400-2410 Davidson Ave., HDFC 51 Residential Units 2400 Davidson Avenue Bronx, NY 10468

2400-2410 Davidson Ave., HDFC 51 Residential Units 2410 Davidson Avenue Bronx, NY 10468

Bronx Dental Center Inc. 2420 Davison Avenue Bronx, NY 10468

2420 Davidson Ave, BR 27 Residential Units 2420 Davison Avenue Bronx, NY 10468

Fajim Melosky & Associates 2424 Davidson Avenue Bronx, NY 10468

La Casita Group Family Day Care 2424 Davidson Avenue Bronx, NY 10468

Fordham Radiology 2430 Davidson Avenue Bronx, NY 10468

Sammy's Fashion 2 West Fordham Road Bronx, NY 10468

POM Realty Holdings I 7 Residential Units 2441 Jerome Avenue Bronx, NY 10468

Western Union 2441 Jerome Avenue Bronx, NY 10468

R&G Brenner Tax Preparation Services 2441 Jerome Avenue Bronx, NY 10468

Far Equities, LLC 5 Residential Units 2439 Jerome Avenue Bronx, NY 10468

H&R Block 2439 Jerome Avenue Bronx, NY 10468

2437 Realty LLC 2437 Jerome Avenue Bronx, NY 10468

Sheldon Medical Care 2435 Jerome Avenue Bronx, NY 10468

Jerome Fordham Realty 4 Residential Units 2433 Jerome Avenue Bronx, NY 10468

AudiEast Fordham Road Kailas Realty Co. 2431 Jerome Ave Bronx, NY 10468 Bronx, NY 10468

Dunkin Donuts 4 East Fordham Road Bronx, NY 10468

US Fitted 6 East Fordham Road Bronx, NY 10468

4 Ever Shoes 10 East Fordham Road Bronx, NY 10468

Portabella 12 East Fordham Road Bronx, NY 10468

AT&T 16 East Fordham Road Bronx, NY 10468

El Valle Restaurant 2448 Jerome Avenue Bronx, NY 10468

Perrone Calogero 2426 Jerome A venue Bronx, NY 10468

Arrow Army & Navy 2440 Jerome Avenue Bronx, NY 10468

Subway Restaurant 2438 Jerome Avenue Bronx, NY 10468

Noor Realty NY LLC 2 Residential Units 2382 Jerome Avenue Bronx, NY 10468

Furniture Store 2382 Jerome Avenue Bronx, NY 10468

Hafeeza Realty 2380 Jerome Avenue Bronx, NY 10468

Mabel Hair Extensions 2380 Jerome Avenue Bronx, NY 10468

Hafeeza Realty 2378 Jerome Avenue Bronx, NY 10468

Familys Café 2378 Jerome Avenue Bronx, NY 10468

Hafeeza Realty 2376 Jerome Avenue Bronx, NY 10468

Brasil Printing and Copy Center 2376 Jerome Avenue Bronx, NY 10468

Hafeeza Realty 2374 Jerome Avenue Bronx, NY 10468

#### Item 3 Response

Local news media from which the community typically obtains information:

Bronx Times 3604 East Tremont Avenue Bronx, NY 10465

Bronx Free Press 5030 Broadway, Suite 801 New York, NY 10034

### Item 4 Response

#### The public water supplier which services the area in which the property is located:

The responsibility for supplying water in New York City is shared between the NYC Department of Environmental Protection (NYCDEP), the Municipal Water Finance Authority, and the New York City Water Board:

NYCDEP Emily Lloyd, Commissioner 59-17 Junction Boulevard Flushing, NY 11373

New York City Municipal Water Finance Authority 255 Greenwich Street, 6<sup>th</sup> Floor New York, NY 10007

New York City Water Board Department of Environmental Protection 59-17 Junction Boulevard, 8<sup>th</sup> Floor Flushing, NY 11373

#### Item 5 Response

### Any person who has requested to be placed on the contact list:

We are unaware of any requests for inclusion on the contact list.

#### Item 6 Response

### The administrator of any school or day care facility located on or near the Site:

There are no schools or day care facilities located on the proposed site. The following are schools or day care facilities located within  $\frac{1}{2}$  mile of the site:

P.S. 33 Timothy Dwight (approximately 0.1 miles east)Lynette Santos, Principal2424 Jerome AvenueBronx, NY 10468(718) 584-3926

La Casita Group Family Day Care (approximately 0.1 miles northwest) Day Care Owner 2424 Davidson Avenue Bronx, NY 10468 (718) 676-0216

ABC Training Center (approximately 0.1 miles northeast) Dave Herwitz, Director 2471 Morris Avenue 2<sup>nd</sup> Floor Bronx, NY 10468 (718) 618-4958

My Little Life Day Care (approximately 0.1 miles north) Day Care Owner 2460 Grand Ave. Bronx, NY 10468 (347) 340-7038

Monroe College (approximately 0.2 miles north) Gary Axelbank, Director of Community Relations 2501 Jerome Avenue Bronx, NY 10468 (800) 556-6676

East Fordham Academy for the Arts (approximately 0.2 miles southeast) Francisco De La Cruz, Principal 120 E 184<sup>th</sup> St. Bronx, NY 10468 (718) 220-4185

Academy for Personal Leadership and Excellence (approximately 0.2 miles southeast) Angelo Ledda, Principal 120 E 184<sup>th</sup> St. Bronx, NY 10468 (718) 220-3139

J.A.D.S. Children Center (approximately 0.2 miles east) Jessie Pena, Administrator 2403 Grand Concourse Bronx, NY 10468 (718) 220-1477

Saint Dominic's Home (approximately 0.2 miles west) Judith D Kydon, President 2341 Dr. Martin Luther King Jr. Blvd Bronx, NY 10468 (718) 584-4407

Tolentine Headstart (approximately 0.2 miles west) Delores Lee, Director 2340 Andrews Ave N #3 Bronx, NY 10468 (718) 364-7608

Educating Young One's Daycare (approximately 0.2 miles north) Miss Everett, Director 30 W 190<sup>th</sup> St Bronx, NY 10468 (718) 220-3126

Cribs to Crayons Group Daycare Inc. (approximately 0.2 miles north) Elaine Medina, Director 30 W 190<sup>th</sup> St Bronx, NY 10468 (718) 562-6260

New York Language Center – Bronx (approximately 0.3 miles east) Rosa Fernandez, Managing Director 2450 Grand Concourse Bronx, NY 10458 (718) 561-6000

Brittany Beauty School (approximately 0.3 miles east) Alissa Sotomeyer, Director 210 E 188<sup>th</sup> St. #2 Bronx, NY 10458 (718) 220-0400

I.S. 206 Ann Mersereau (approximately 0.3 miles southwest) David Neering, Principal 2280 Aqueduct Avenue Bronx, NY 10468 (718) 584-1570

P.S. 315 Lab School (approximately 0.3 miles south)Gaby Flores, Principal2246 Jerome AvenueBronx, NY 10468(718) 584-7441

Lion of Judah Academy (approximately 0.3 miles west) Monique Weston, Principal 2336 Andrews Ave N Bronx, NY 10468 (347) 271-6502

Sweet Baby Day Care (approximately 0.3 miles west) Child Care Director 2272 University Ave Bronx, NY 10468 (347) 590-0447

Lil Inventors Child Care (approximately 0.3 miles west) Child Care Director 2260 Andrews Ave N Bronx, NY 10468 (718) 295-2740

P.S. 091 Bronx (approximately 0.4 miles southwest)Meredith Struhl Nasjlett, Principal2170 Aqueduct AvenueBronx, NY 10453(718) 584-5805

Bronx Day Care Center (approximately 0.4 miles east) Rachel Alueta-McGann, Director 331 E 187<sup>th</sup> St Bronx, NY 10458 (718) 933-4201

Rising Stars Daycare / After School Program (approximately 0.4 miles southwest) Theresa Huggins, Director 2170 University Avenue Bronx, NY 10453 (646) 750-9110

Round the Clock Nursery (approximately 0.4 miles southeast) Gail Davis, Director 2380 Marion Ave Bronx, NY 10458 (718) 329-6023

Arcadia Children's Daycare (approximately 0.4 miles south) Mary Hoshing, Director 2195 Grand Concourse Bronx, NY 10453 (718) 561-8062

A Better Start (approximately 0.4 miles southeast) Preschool Principal 2339 Tiebout Ave Bronx, NY 10458 (718) 676-1796

PS X015 Institute for Environmental Learning (approximately 0.5 miles southwest) Tara Edmonds, Principal 2195 Andrews Avenue Bronx, NY 10453 (718) 563-0473

P.S. 291 (approximately 0.5 miles southwest) Carlos Velez, Principal 2195 Andrews Avenue Bronx, NY 10453 (718) 563-0776

P.S. 9 Ryer Avenue Elementary School (approximately 0.5 miles southeast) Jacqueline Bailey, Principal
230 East 183<sup>rd</sup> Street
Bronx, NY 10458
(718) 584-3291

P.S. 85 (approximately 0.5 miles southeast) Theodore Husted, Principal 2400 Marion Avenue Bronx, NY 10458 (718) 584-5275

P.S. 209 Margaret Mead (approximately 0.5 miles southeast)
Frances Novellalocurcio, Principal
313 E 183<sup>rd</sup> St
Bronx, NY 10458
(718) 364-0085

Creston Academy (approximately 0.5 miles south) Mellissa Miller, Principal 125 E 181<sup>st</sup> St Bronx, NY 10453 (718) 367-5053

Elementary School for Math, Science, and Technology (approximately 0.5 miles south) Avon Connell Cowell, Principal 125 E 181<sup>st</sup> St Bronx, NY 10453 (718) 933-8061

School for Environmental Citizenship (approximately 0.5 miles south) Lynnann Fox, Principal 125 E 181<sup>st</sup> St Bronx, NY 10453 (718) 563-3292

Aileen Family Daycare Inc. (approximately 0.5 miles south) Silvia Guanoluisa, Director 212 E 182<sup>nd</sup> St #2F Bronx, NY 10457 (718) 365-8209

Miss Francine Day School II (approximately 0.5 miles south) Principal 2169 Grand Concourse Bronx, NY 10453 (718) 295-3100

3 A's Family Daycare Emily Passad, Owner 2361 Morris Ave Bronx, NY 10468 (718) 563-6519

### Item 7 Response

### The location of a document repository for the project (e.g. local library):

Bronx Library Center 310 East Kingsbridge Road Bronx, NY 10458 (718) 579-4244

#### **Bronx Community Board 7**

Adaline Walker Santiago, Chairperson 229-A East 204<sup>th</sup> Street Bronx, NY 10458 (718) 933-5650

A letter sent to the repository acknowledging that it agrees to act as a document repository for the project is included in this attachment.

### Item 8 Response

The local community board is Bronx Community Board 7.

### **Bronx Community Board 7**

Adaline Walker Santiago, Chairperson 229-A East 204<sup>th</sup> Street Bronx, NY 10458 (718) 933-5650

### ATTACHMENT H

# SUPPORTING DOCUMENTATION

- 1. Signed Library Request Letter
- 2. Signed Bronx Community Board 7 Request Letter



Technical Excellence Practical Experience Client Responsiveness

September 26, 2016

Michael Alvarez Bronx Library Center 310 East Kingsbridge Road Bronx, New York 10458

## RE: Brownfield Cleanup Program Application 2409 Jerome, Inc. 2409 Jerome Avenue Bronx, New York

Dear Mr. Alvarez:

We represent 2409 Jerome, Inc. in their anticipated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application for the above-referenced site. The NYSDEC requires a letter certifying that the local library is willing and able to serve as a public repository for all documents pertaining to the cleanup of this property. Please sign below and return if you are able to certify that your library would be willing and able to act as the temporary public repository for this BCP project.

Sincerely,

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Julie Ling

Julia Leung, P.E. Senior Staff Engineer

Yes, the Bronx Library Center is willing to house the documents electronically on its website for 3 months from the time of submission for public viewing on behalf of 2409 Jerome, Inc. in their cleanup of 2409 Jerome Avenue under the NYSDEC BCP.

Hampersand

26/16

21 Penn Plaza, 360 West 31st Street, 8th Floor N New Jersey • New York • Virginia • College

New York, NY 10001

T: 212.479.5400

F: 212.479.5444

www.langan.onm

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Technical Excellence Practical Experience Client Responsiveness

October 24, 2016

Adaline Walker Santiago, Chairperson Bronx Community Board 7 229-A East 204th Street Bronx, New York 10458

### RE: Brownfield Cleanup Program Application 2409 Jerome, Inc. 2409 Jerome Avenue Bronx, New York

Dear Ms. Santiago:

We represent 2409 Jerome, Inc. in their anticipated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application for the above-referenced site. The NYSDEC requires a letter certifying that a local public institution is willing and able to serve as a public repository for all documents pertaining to the cleanup of this property. Please sign below and return if you are able to certify that your community board would be willing and able to act as the temporary public repository for this BCP project.

Sincerely,

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Julia Leung, P.E. Senior Staff Engineer

Yes, the Bronx Community Board 7 is willing to act as a document repository on behalf of 2409 Jerome, Inc. in their cleanup of 2409 Jerome Avenue under the NYSDEC BCP.

(Title)

(Date) \*

# ATTACHMENT I SECTION X: Land Use Factors

### Item 1 Response

According to the New York City Planning Commission Zoning Map 3c, the proposed site is located within residential zoning district R7-1 with a C2-4 commercial overlay. R7 districts are classified as medium-density apartment house districts. The district has a maximum floor area ratio (FAR) of 3.44. The applicable zoning map is provided in this attachment. The surrounding parcels are located in residential and commercial zoning districts.

### Item 2 Response

The proposed site is occupied by an asphalt-paved parking lot and two 1-story structures used for automotive repair, including, but not limited to, oil and fluid changes, brake replacements, and body work and painting. An in-service 550-gallon waste oil underground storage tank (UST) and an in-service 50-gallon transmission fluid aboveground storage tank (AST) are associated with the automotive repair operations at the site. Although the 550-gallon waste oil UST is listed as in-service in the PBS database (#2-188492), the site operator indicated the waste oil UST is no longer used; waste oil is containerized in drums on-site pending off-site disposal by a waste disposal contractor.

### Item 3 Response

The proposed project will have a footprint of approximately 9,800 square feet and will include the construction of a 4-story academic building, an approximately 5,800 square-foot partial cellar, and a grade-level paved parking area covering the balance of the site. The anticipated use will be an academic facility, or commercial use.

### Item 4 Response

The proposed post-remediation commercial development is consistent with historical and current development patterns in the Fordham neighborhood. Properties in the vicinity of the proposed site have included commercial tenants since the late 1800s.

### Item 5 Response

The proposed site is located within a R7-1 residential district with a C2-4 commercial overlay. The proposed development will expand Monroe College's campus and provide parking space for students. The proposed use will stimulate economic development by creating jobs and increasing educational facilities in the area.

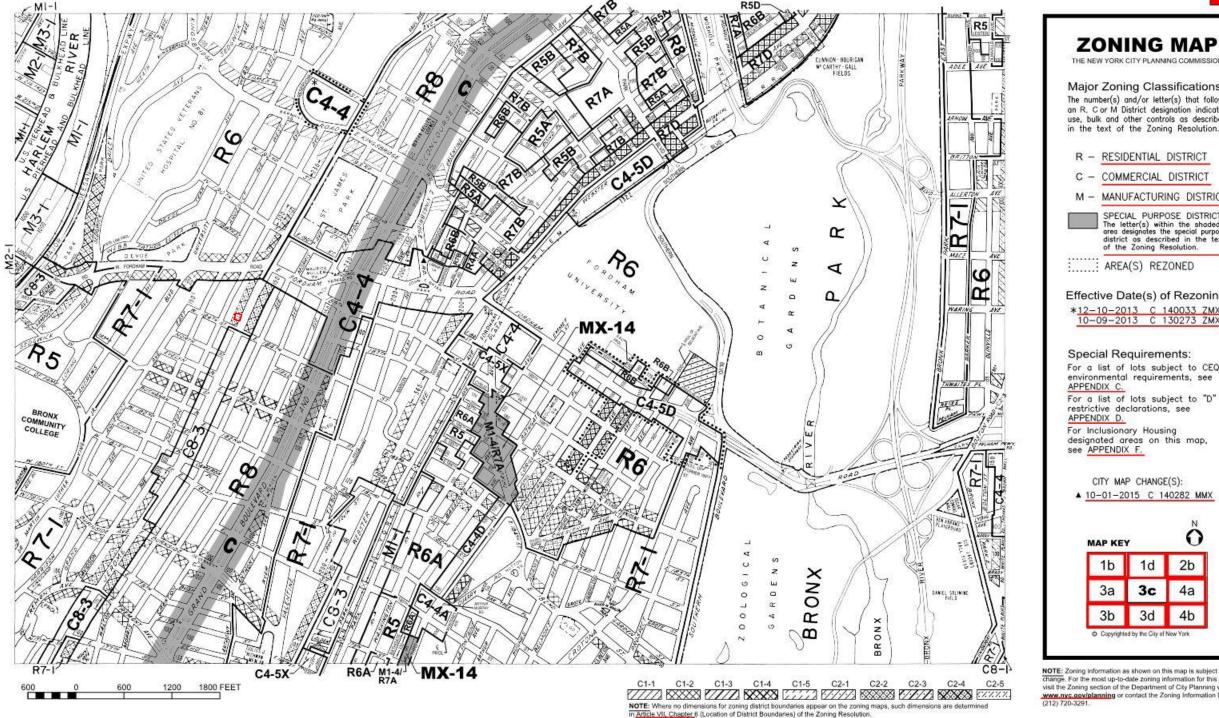
## Item 6 Response

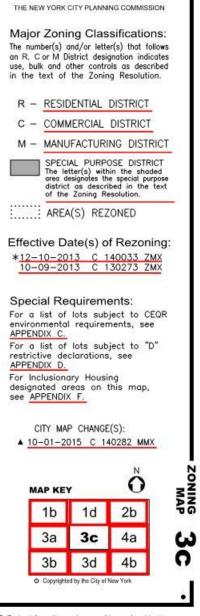
The proposed use is consistent with New York City Department of City Planning's local and area plans and the R7-1 and C2-4 zoning guidelines.

# ATTACHMENT I

# SUPPORTING DOCUMENTATION

1. New York City Planning Commission Zoning Map 3c





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.nvc.gov/planning or contact the Zoning Information Desk at