BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

SUBMITTAL INSTRUCTIONS:

1. Compile the application package in the following manner:
   a. one file in non-fillable PDF of the application form plus supplemental information, excluding any previous environmental reports and work plans, if applicable
   b. if the application requires submittal of previous environmental reports to support the addition of new property, an affordable housing agreement to support the determination for tangible property credits in New York City, or other large files, please include each as a separate PDF.
2. *OPTIONAL: Compress all files (PDFs) into one zipped/compressed folder
3. Submit the application to the Site Control Section either via NYSDEC dropbox or ground mail, as described below. **Please select only ONE submittal method – do NOT submit both via dropbox and ground mail.**
   a. VIA SITE CONTROL DROPBOX:
      - Request an invitation to upload files to the Site Control submittal dropbox.
      - In the "Title" field, please include the following: "BCP Amendment Application - Site Name".
      - After uploading files, an automated email will be sent to the submitter's email address with a link to verify the status of the submission. Please do not send a separate email to confirm receipt.
      - Application packages submitted through third-party file transfer services will not be accepted.
   b. VIA GROUND MAIL:
      - Save the application file(s) and cover letter to an external storage device (e.g., thumb drive, flash drive). DO NOT INCLUDE PAPER COPIES OF THE APPLICATION OR ATTACHMENTS.
      - Mail the external storage device to the following address:

Chief, Site Control Section
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7015

SITE NAME:	ABC Block 27
SITE CODE:	C241175

Site Code: C241175

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☐ Amendment to modify the existing BCA (check one or more boxes below):

- ☐ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☐ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? ◯ Yes ◯ No

b. ☐ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? ◯ Yes ◯ No Submitted on: _____

☑ Amendment to modify description of the property(ies) listed in the existing BCA

☑ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☐ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:

The purpose of this BCA Application to Amend is to reduce the size of the ABC Block 27 BCP Site and create a new BCP site with the extracted area upon which the New York City School Construction Authority (SCA) would construct and occupy a school following remediation of the new BCP site and ahead of the remediation of the reduced-size ABC Block 27 BCP Site. More specifically, the BCA Application to Amend proposes to:

i. reduce the size of the existing BCP Site C241175 ("Existing Site") to 1.72520 acres ±, which will retain BCP Site number C241175;
ii. remove 0.68871 acres ± and designate this land as new BCP Site C241175B. The site name will be "BL27 SCA Parcel".

Please see Attachment A for additional information. The metes and bounds of the respective sites are provided in Attachment B.

SECTION I: CURRENT AGREEMENT INFORMATION

This section must be completed in full. Attach additional pages as necessary.

BCP SITE NAME: ABC Block 27	BCP SITE NUMBER: C241175
NAME OF CURRENT APPLICANT(S): PLAX BL27, LLC and Design Center Realty Sub, LLC	
INDEX NUMBER OF AGREEMENT: C241175-06-15	DATE OF ORIGINAL AGREEMENT: 02/03/16
APPLICANT'S SIGNATORY: Please see Attachment C	

SECTION II: NEW REQUESTOR INFORMATION

Additional requestor Information in Attachment C

Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.

NAME: PLAX BL27, LLC		
ADDRESS: 47-40 21st St		
CITY/TOWN: Long Island City		ZIP CODE: 11101
PHONE: (718) 784-4800	EMAIL: mquigley@plaxall.com	
REQUESTOR CONTACT: Leonard M. Quigley		
ADDRESS: c/o Plaxall Inc. 47-40 21st St		
CITY/TOWN: Long Island City		ZIP CODE: 11101
PHONE: (718) 784-4800 ext 173	EMAIL: mquigley@plaxall.com	
REQUESTOR'S CONSULTANT: Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C.	CONTACT: Mimi S. Raygorodetsky	
ADDRESS: 368 Ninth Avenue, 8th Floor		
CITY/TOWN: New York		ZIP CODE: 10001
PHONE: (212) 479-5441	EMAIL: mraygorodetsky@langan.com	
REQUESTOR'S ATTORNEY: Sive, Paget & Riesel, P.C.	CONTACT: Elizabeth Knauer	
ADDRESS: 560 Lexington Avenue, 15th Floor		
CITY/TOWN: New York		ZIP CODE: 10022
PHONE: (646) 378-7272	EMAIL: eknauer@sprlaw.com	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	◉	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	◉	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	◉	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? N/A ○	◉	○

5. Describe the new requestor's relationship to all existing applicants:

The Participant entities for the Existing BCP Site (No. C241175), PLAX BL27, LLC and Design Center Realty Sub, LLC, are the same as the applicant entities for the proposed new BCP site (No. C241175B).

SECTION I: CURRENT AGREEMENT INFORMATION
This section must be completed in full. Attach additional pages as necessary.

BCP SITE NAME: ABC Block 27	BCP SITE NUMBER: C241175
NAME OF CURRENT APPLICANT(S): PLAX BL27, LLC and Design Center Realty Sub, LLC	
INDEX NUMBER OF AGREEMENT: C241175-06-15	DATE OF ORIGINAL AGREEMENT: 02/03/16
APPLICANT'S SIGNATORY: Please see Attachment C	

Additional Requestor information continued from Page 2 in BCP Amendment Application

SECTION II: NEW REQUESTOR INFORMATION
Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.

NAME: Design Center Realty Sub, LLC		
ADDRESS: 47-40 21st St		
CITY/TOWN: Long Island City		ZIP CODE: 11101
PHONE: (718) 784-4800	EMAIL: pkirby@plaxall.com	
REQUESTOR CONTACT: Paula C. Kirby		
ADDRESS: c/o Plaxall Inc. 47-40 21st St		
CITY/TOWN: Long Island City		ZIP CODE: 11101
PHONE: (718) 784-4800 ext 101	EMAIL: pkirby@plaxall.com	
REQUESTOR'S CONSULTANT: Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C.	CONTACT: Mimi S. Raygorodetsky	
ADDRESS: 368 Ninth Avenue, 8th Floor		
CITY/TOWN: New York		ZIP CODE: 10001
PHONE: (212) 479-5441	EMAIL: mraygorodetsky@langan.com	
REQUESTOR'S ATTORNEY: Sive, Paget & Riesel, P.C.	CONTACT: Elizabeth Knauer	
ADDRESS: 560 Lexington Avenue, 15th Floor		
CITY/TOWN: New York		ZIP CODE: 10022
PHONE: (646) 378-7272	EMAIL: eknauer@sprlaw.com	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	◉	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	◉	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	◉	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? N/A ○	◉	○

5. Describe the new requestor's relationship to all existing applicants:

The Participant entities for the Existing BCP Site (No. C241175), PLAX BL27, LLC and Design Center Realty Sub, LLC, are the same as the applicant entities for the proposed new BCP site (No. C241175B).

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*		
Owner listed below is: ◯ Existing Applicant ◯ New Applicant ◯ Non-Applicant		
OWNER'S NAME:		CONTACT:
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
OPERATOR:		CONTACT:
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	◯	◉
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	◯	◉
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	◯	◉
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	◯	◉
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	◯	◉
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 or contaminants?	◯	◉
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 the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	◯	◉

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
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?	○	◉
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?	○	◉
11. Are there any unregistered bulk storage tanks on-site which require registration?	○	◉

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

◉ PARTICIPANT

A requestor who either (1) was the owner of the site at the time of the disposal of contamination 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 contamination.

○ VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a 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 they have 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's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	◉	○	○

14. Requestor's relationship to the property (check all that apply):

☑ Prior Owner ☑ Current Owner ☐ Potential/Future Purchaser ☐ Other: _____

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	○	◉	○

Access Agreement provided as Attachment D

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS: 5-46 46th Avenue

CITY/TOWN: Long Island City, NY | ZIP CODE: 11101

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE: 2.42

PARCEL ADDRESS (see attachment B for list of all parcels)	SECTION	BLOCK	LOT	ACREAGE
46-16 Vernon Boulevard	4	27	2	0.05739 ±
46-12 Vernon Boulevard	4	27	4	0.05739 ±
5-46 46th Avenue	4	27	5	1.20782 ±

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☑ b. Reduction of property

PARCELS REMOVED: Proposed BCP Site No. C241175B

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE
p/o 5-38 46th Avenue	4	27	p/o 37	0.11474 ±
p/o 5-46 46th Avenue	4	27	p/o 5	0.57397 ±

TOTAL ACREAGE TO BE REMOVED: 0.68871 ±

☑ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION: Existing Site No. C241175 see attachment B for list of all parcels

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE
p/o 5-38 46th Avenue	4	27	p/o 37	0.11569 ±
p/o 5-46 46th Avenue	4	27	p/o 5	0.63385 ±

3. TOTAL REVISED SITE ACREAGE: 1.72520 ±

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y	N
	◉	○

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES (continued)

Complete this section for any addition of property. Use additional copies of this section as necessary.

5. Property information for parcels being added to the BCA Proposed BCP Site No. C241175B "BL27 SCA Parcel"

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE
5-46 46th Avenue	4	27	P/O 37, P/O 5	0.68871 ±

CURRENT OWNER: PLAX BL27, LLC	CONTACT NAME: Leonard Matthew Quigley	
ADDRESS: c/o Plaxall Inc., 47-40 21st Street		
CITY: Long Island City	STATE: NY	ZIP: 11101
PHONE: (718) 784-4700 ext 173	EMAIL: mquigley@plaxall.com	
OWNERSHIP START DATE: 10/30/2017		
CURRENT OPERATOR:	CONTACT NAME:	
PHONE:	EMAIL:	

REQUESTOR RELATIONSHIP TO NEW PROPERTY (*select from below*)

☐ PREVIOUS OWNER ☑ CURRENT OWNER ☐ POTENTIAL/FUTURE PURCHASER ☑ OTHER: Member of current owner

If the applicant is not the current owner of the property, documentation demonstrating site access (which includes the ability to place an environmental easement on the site) must be provided. If the applicant currently owns the property being added to the site, a copy of the deed must be included.

IS PROOF OF ACCESS / OWNERSHIP ATTACHED? For Member of Current Owner ◉ YES ○ NO ○ N/A Access Agreement Included as Attachment D

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

CURRENT OWNER:	CONTACT NAME:	
ADDRESS:		
CITY:	STATE:	ZIP:
PHONE:	EMAIL:	
OWNERSHIP START DATE:		
CURRENT OPERATOR:	CONTACT NAME:	
PHONE:	EMAIL:	

REQUESTOR RELATIONSHIP TO NEW PROPERTY (*select from below*)

☐ PREVIOUS OWNER ☐ CURRENT OWNER ☐ POTENTIAL/FUTURE PURCHASER ☐ OTHER:

If the applicant is not the current owner of the property, documentation demonstrating site access (which includes the ability to place an environmental easement on the site) must be provided. If the applicant currently owns the property being added to the site, a copy of the deed must be included.

IS PROOF OF ACCESS / OWNERSHIP ATTACHED? ○ YES ○ NO ○ N/A

6. Data supporting the addition of property to the site must be included. Please refer to the instructions for a list of required tables and figures.

ARE THE REQUIRED FIGURES AND TABLES ATTACHED?

◉ YES ○ NO ○ N/A (land being added has been merged with an existing BCP lot and the applicant is not seeking to add more than an insignificant acreage of property to the BCA)

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

See Attachment F for TPC Eligibility Narrative for Site No. 241175B	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	◉	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	○	◉
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	○	○
4. Is the property upside down as defined below? **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.	○	○
5. <u>For new tax parcels being added to the BCA through this amendment ONLY</u>: Are the parcels being added underutilized as defined below? **From 6 NYCRR 375-3.2(l) as of August 12, 2016** (Please note: Eligibility determination for the underutilized category for the new tax parcels can only be made at the time of amendment application): 375-3.2: (l) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and (1) the proposed use is at least 75 percent for industrial uses; or (2) at which: (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses; (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and (iii) one or more of the following conditions exists, as certified by the applicant: (a) property tax payments have been in arrears for at least five years immediately prior to the application; (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or (c) there are no structures. "Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.	○	○

6. Is the project and affordable housing project as defined below?

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

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

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

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency’s affordable housing program, or a local government’s regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners 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.

7. Is the project a planned renewable energy facility site as defined below?

From ECL 27-1405(33) as of April 9, 2022:

“Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system.

From Public Service Law Article 4 Section 66-p as of April 23, 2021:

(b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.

8. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law?

From ECL 75-0111 as of April 9, 2022:

(5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.

Site Code: C241175

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: ABC Block 27	BCP SITE NUMBER: C241175
NAME OF CURRENT APPLICANT(S): PLAX BL27, LLC and Design Center Realty Sub, LLC	
INDEX NUMBER OF AGREEMENT: C241175-06-15	DATE OF ORIGINAL AGREEMENT: 02/03/16

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed. see attachment C for additional requestor information and signature

(Individual)

I hereby affirm that the 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. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Managing Director (title) of PLAX BL27, LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and 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.

My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 4/7/26 Signature: _____

Print Name: Leonard M. Quigley

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: ABC Block 27	BCP SITE NUMBER: C241175
NAME OF CURRENT APPLICANT(S): PLAX BL27, LLC and Design Center Realty Sub, LLC	
INDEX NUMBER OF AGREEMENT: C241175-06-15	DATE OF ORIGINAL AGREEMENT: 02/03/16

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed. see attachment C for additional requestor information and signature

(Individual)

I hereby affirm that the 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. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Managing Director (title) of Design Center Realty Sub, LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and 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.

My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 04/08/2026 Signature: Paula C. Kirby Digitally signed by Paula C. Kirby Date: 2026.04.08 10:21:53 -04'00'

Print Name: Paula C. Kirby

Site Code: C241175

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed. see attachment C for additional applicant information and signature

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Managing Director (title) of PLAX BL27, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. _____signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 4/7/26 Signature: _____

Print Name: Leonard M. Quigley

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination 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 contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 02/03/16

Signature by the Department:

DATED: _____

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

_____

Andrew O. Guglielmi, Director
Division of Environmental Remediation

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)

An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed. see attachment C for additional applicant information and signature

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Managing Director (title) of Design Center Realty Sub, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 04/08/2026 Signature: Paula C. Kirby Digitally signed by Paula C. Kirby Date: 2026.04.08 10:25:50 -04'00'

Print Name: Paula C. Kirby

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination 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 contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 02/03/16

Signature by the Department:

DATED: _____

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

By:

_____

Andrew O. Guglielmi, Director
Division of Environmental Remediation

SUBMITTAL REQUIREMENTS:

- The Department accepts both hard copy and electronic submittal of the *Application to Amend Brownfield Cleanup Agreement and Amendment* form.
- Hard copy submissions must also include an electronic version of the complete application form and attachments, in final, non-fillable Portable Document Format (PDF), on an external storage device (such as a thumb drive or CD). Applications must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway, 12th Floor
  Albany, NY 12233-7015
- NOTE: Electronic applications submitted in fillable format will be rejected.

INSTRUCTIONS FOR COMPLETING AN APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

This form must be used to add or remove a party, reflect a change in property ownership to all or part of the site, modify a property description, or reduce/expand property boundaries for an existing BCP Agreement.

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the 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). The application must be submitted to DEC in the same manner as the original application to participate.

COVER PAGE

Please select all options that apply. Provide a brief narrative of the nature of the amendment requested.

SECTION I: CURRENT AGREEMENT INFORMATION

This section must be completed in its entirety. The information entered here will auto-populate throughout the application and amendment.

Provide the site name, site code and name(s) of current requestor(s) exactly as this information appears on the existing agreement. This should reflect any changes made by previous amendments to the site name or parties on the BCA. Provide the agreement index number and the date of the initial BCA.

SECTION II: NEW REQUESTOR INFORMATION

This section is to be completed only if a new requestor is being added to the BCA, or if the name of the existing requestor has changed with the NYSDOS.

Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information.) The requestor is the person or entity seeking DEC review and approval of the remedial program.

If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database.

Requestor, Consultant and Attorney Contact Information

Provide the contact name, mailing address, telephone number and e-mail address for each of the following contacts:

Requestor's Representative: This is the person to whom all correspondence, notices, etc., will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative unless another contact name and address is provided with the application.

Requestor's Consultant: Include the name of the consulting firm and the contact person.

Requestor's Attorney: Include the name of the law firm and the contact person.

Required Attachments for Section II:

1. *NYSDOS Information: A print-out of entity information from the NYSDOS database to document that the applicant is authorized to do business in NYS. The requestor's name must appear throughout the application exactly as it does in the database.*
2. *LLC Organization: If the requestor is an LLC, provide a list of the names of the members/owners of the LLC.*
3. *Authority to Bind: Proof must be included that shows that the party signing this application and amendment is authorized to do so on behalf of the requestor. This documentation may be in the form of corporate organizational papers, a Corporate Resolution or Operating Agreement or Resolution.*

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION

Complete this section only if a transfer of ownership has taken place for all or part of the site property. Attach additional pages for each new owner if applicable.

Provide the relationship of the owner to the site by selecting one of the check-box options.

Owner Name, Address, etc.

Provide information for the new owner of the property. List all new parties holding an interest in the property. Attach separate pages as needed.

Operator Name, Address, etc.

Provide information for the new operator, if applicable.

NOTE: Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this form was not previously submitted, it must be included with this application. See http://www.dec.ny.gov/chemical/76250.html for additional information.

Required Attachments for Section III:

1. *Copy of deed as proof of ownership.*
2. *Ownership/Nominee Agreement, if applicable.*
3. *Change of Use form, if not previously submitted to the Department.*

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION

For additional information regarding requestor eligibility, please refer to ECL §27-1407.

Provide a response to each question listed. If any question is answered in the affirmative, provide an attachment with detailed relevant information. It is permissible to reference specific sections of existing property reports; however, such information must be summarized in an attachment. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

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.

If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site. A purchase contract does not suffice as proof of access.

Required Attachments for Section IV:

1. *Detailed information regarding any questions answered in the affirmation, if applicable.*
2. *Statement describing why the requestor should be considered a volunteer, if applicable.*
3. *Site access agreement, as described above, if applicable.*

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the 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). The application must be submitted to DEC in the same manner as the original application to participate.

Property Information on Existing Agreement

Provide the site address and tax parcel information exactly as it appears on the current agreement (including as it has been modified in previous amendments).

Addition of Property

Provide the tax parcel information and acreage for each parcel to be added. Provide the total acreage to be added below the far-right column.

Reduction of Property

Provide the tax parcel information and acreage for each parcel to be removed. Provide the total acreage to be removed below the far-right column.

Change to address, SBL or metes and bounds description

Provide the new address and tax parcel information.

Total Revised Site Acreage

Provide the new total site acreage after addition or removal of property. If no change to site boundary, this should match the acreage provided above, under Property Information on Existing Agreement.

For all sites seeking to add property to the site, provide all requested information for each additional tax parcel (full or partial). Refer to the list below for additional required attachments.

All requested changes to this section should be accompanied by a revised survey or other acceptable map depicting the proposed new site boundary. Additionally, provide a county tax map with the site boundary outlined, as well as a USGS 7.5-minute quadrangle map with the site location clearly identified.

Required Attachments for Section V:

1. *For all additions and removal of property:*
   a. *Site map clearly identifying the existing site boundary and proposed new site boundary*
   b. *County tax map with the new site boundary clearly identified*
   c. *USGS 7.5-minute quadrangle map with the site location clearly identified*
   d. *For additions of property ONLY:*

      i. Data summary tables for each affected medium, highlighting exceedances of reasonably anticipated use SCOs

      ii. Site drawings for each affected medium, identifying exceedances of reasonably anticipated use SCOs

      iii. Proof of site access or ownership
2. *For address changes, lot mergers, subdivisions and any other change to the property description:*
   a. *County tax map with the site boundary and all SBL information clearly identified*
   b. *USGS 7.5-minute quadrangle map with the site location clearly identified*
   c. *Approved application for lot merger or apportionment, or the equivalent thereof, as proof from the municipality of the SBL change(s)*

SUPPLEMENT TO THE APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT – QUESTIONS FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits.

Provide responses to each question. If any question is answered in the affirmative, provide required documentation as applicable.

Required Attachments for NYC Site Supplement:

1. *For sites located all or partially in an En-zone: provide a map with the site boundary clearly identified and the En-zone overlay showing that all or a portion of the site is located within an En-zone. This map must also indicate the census tract number in which the site is located. See DEC's website for additional information.*
2. *For sites requesting an upside down or underutilized determination, an affidavit from the applicant and any documentation in support of this determination must be included. Note that an eligibility determination for the underutilized category can only be made at the time of initial application, so that determination can only apply to new parcels being considered for addition to the BCA.*
3. *For affordable housing projects: provide the affordable housing regulatory agreement and any additional relevant information.*
4. *For renewable energy site projects: for (a) planned renewable energy facilities generating/storing less than twenty-five (25) megawatts, provide a local land use approval; or, for (b) planned renewable energy facilities generating/storing twenty-five (25) megawatts or greater, provide the permit issued by the NYS Office of Renewable Energy Siting.*
5. *For sites located within a disadvantaged community and a conforming Brownfield Opportunity Area: provide a map with the site boundary clearly identified and the disadvantaged community overlay showing that the site is located within a disadvantaged community.*

PART II: BROWNFIELD CLEANUP PROGRAM AMENDMENT

The information in the "EXISTING AGREEMENT INFORMATION" section should auto-populate with the information provided on page 2.

If a new requestor is applying to enter the program, provide the required information and signature at the bottom of page 8 and the required information and signature on page 9.

If no new requestor is applying to the program but any other change has been made, provide the required information and signature on page 9.

Attachment A – Purpose of Amendment

The purpose of this BCA Application to Amend is to reduce the size of the existing ABC Block 27 BCP Site and create a new BCP site with the extracted area on which the New York City School Construction Authority ("SCA") would construct and occupy a school following remediation of the proposed new BCP Site and ahead of the remediation of the reduced-size ABC Block 27 BCP Site. The amendment will facilitate early delivery of the school and simplify long-term EC/IC implementation. More specifically, the BCA Application to Amend proposes to:

i. reduce the size of the existing BCP Site C241175 ("Existing Site") to 75,150 square feet ± (1.72520 acres ±), which will retain BCP Site number C241175;
ii. remove 0.68871 acres ± from the existing BCP Site and designate this land as new BCP Site C241175B.

Metes and bounds descriptions of the reduced-size BCP site and the proposed new BCP site are included in Attachment B. The fee ownership and Participant entities for the Existing Site will be the same as the fee ownership and applicant entities for new BCP Site. Requestor Signatory information is provided in Attachment C.

A property narrative description, environmental assessment, latitude/longitude for the centroids and new configuration of the two proposed BCP sites can be found in Attachment D.

As a condition of the proposed Amendment, the BCAs for both sites will provide as follows:

1. All site preparation costs incurred up to the effective date of this amendment shall be ascribed to the reduced-size BCP Site C241175 for all tax credit purposes, including calculating the site preparation tax credits for the reduced-size BCP Site C241175 and calculating the "3X" limit for the reduced-size BCP Site C241175 tangible credits (in Tax Law section 21(a)(3-a)).

2. The BCA for the reduced-size BCP Site C241175 will retain the original execution date of February 3, 2016.

Attachment B – Site Descriptions and Figures

The table below contains tax identification and acreage information for all lots of the Existing Site (BCP Site No. C241175), including those not listed on Page 6 of the Block 27 BCA Amendment Application.

Existing Site (BCP Site No. C241175) Property Information

Parcel Address	Section	Block	Lot	Acreage	Acreage (Reduced Size BCP Site)	Acreage (Proposed New BCP Site)
46-16 Vernon Boulevard	4	27	2	0.05739 ±	0.05739 ±	-
46-12 Vernon Boulevard	4	27	4	0.05739 ±	0.05739 ±	-
5-46 46th Avenue	4	27	5[1,2]	1.20782 ±	0.63385 ±	0.57397 ±
5-21 46th Road	4	27	15	0.09068 ±	0.09068 ±	-
5-17 46th Road	4	27	17	0.36846 ±	0.36846 ±	-
5-01 46th Road	4	27	23	0.11478 ±	0.11478 ±	-
46-01 5th Street	4	27	25	0.28696 ±	0.28696 ±	-
5-38 46th Avenue	4	27	37[2]	0.23043 ±	0.11569 ±	0.11474 ±

Notes:

1. Former Lots 6, 7, 8, 9, 10, 41, 42, 43, and 44 were merged into Lot 5 circa 1960.
2. The BCA Application to Amend will divide Lots 37 and 5 into the reduced-size ABC Block 27 BCP Site (No. C241175) and the proposed BCP Site (No. C241175B), per Section V, Item 2b. and c.

February 04, 2026
170340208

WRITTEN DESCRIPTION
BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
BLOCK 27 LOTS 2, 4, 15, 17, 23, 25, AND PART OF LOTS 5 AND 37
IN THE BOROUGH OF QUEENS, QUEENS COUNTY
CITY AND STATE OF NEW YORK

ALL that certain plots, pieces, or parcels of land, situate, lying, and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

Parcel "A"

BEGINNING at the point formed by the intersection of the northerly side of 46th Road (60 feet wide) with the easterly side of 5th Street (60 feet wide), said point being the POINT or PLACE OF BEGINNING, and running thence:

Northerly, along said easterly side of 5th Street, a distance of 200.00 feet to a point, said point being the intersection of said easterly side of 5th Street with the southerly side of 46th Avenue (60 feet wide); thence

Easterly, along said southerly side of 46th Avenue and forming an interior angle of 90°00'00" with the previous course, a distance of 350.75 feet to a point; thence

Southerly, forming an interior angle of 90°00'00" with the previous course, a distance of 200.00 feet to a point on said northerly side of 46th Road; thence

Westerly, along said northerly side of 46th Road and forming an interior angle of 90°00'00" with the previous course, a distance of 350.75 feet to the POINT or PLACE of BEGINNING.

Encompassing an area of 70,150 square feet or 1.61042 acres, more or less, for Parcel "A".

Parcel "B"

BEGINNING at a point on the westerly side of Vernon Boulevard (75 feet wide) distant 25.00 feet northerly from the intersection of said westerly side of Vernon Boulevard with the northerly side of 46th Road (60 feet wide), said point being the POINT or PLACE OF BEGINNING, and running thence:

Westerly, forming an angle of 90°00'00" on its northerly side with the previous course, a distance of 100.00 feet to a point; thence

Northerly, forming an interior angle of 90°00'00" with the previous course, a distance of 25.00 feet to a point; thence

Easterly, forming an interior angle of 90°00'00" with the previous course, a distance of 100.00 feet to a point on said westerly side of Vernon Boulevard; thence

Southerly, along said westerly side of Vernon Boulevard and forming an interior angle of 90°00'00" with the previous course, a distance of 25.00 feet to the POINT or PLACE of BEGINNING.

Encompassing an area of 2,500 square feet or 0.05739 acres, more or less, for Parcel "B".

Parcel "C"

BEGINNING at a point on the westerly side of Vernon Boulevard (75 feet wide) distant 75.00 feet northerly from the intersection of said westerly side of Vernon Boulevard with the northerly side of 46th Road (60 feet wide), said point being the POINT or PLACE OF BEGINNING, and running thence:

Westerly, forming an angle of 90°00'00" on its northerly side with the previous course, a distance of 100.00 feet to a point; thence

Northerly, forming an interior angle of 90°00'00" with the previous course, a distance of 25.00 feet to a point; thence

Easterly, forming an interior angle of 90°00'00" with the previous course, a distance of 100.00 feet to a point on said westerly side of Vernon Boulevard; thence

Southerly, along said westerly side of Vernon Boulevard and forming an interior angle of 90°00'00" with the previous course, a distance of 25.00 feet to the POINT or PLACE of BEGINNING.

Encompassing an area of 2,500 square feet or 0.05739 acres, more or less, for Parcel "C".

Encompassing a total area of 75,150 square feet or 1.72520 acres, more or less, for Parcels "A", "B', and "C".

This description is prepared in accordance with a plan entitled "Brownfield Cleanup Program Site Boundary Exhibit, ABC – Block 27 – SCA Parcel", prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., Project No. 170340208, Drawing No. EX102, Dated February 04, 2026.

The geographic center of Block 27 is about 40.74680408173282, -73.95430420316197

February 04, 2026
170340208

WRITTEN DESCRIPTION
BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY
BLOCK 27 PART OF LOTS 5 AND 37
IN THE BOROUGH OF QUEENS, QUEENS COUNTY
CITY AND STATE OF NEW YORK

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

BEGINNING at a point on the northerly side of 46th Road (60 feet wide) distant 100.00 feet westerly from the intersection of said northerly side of 46th Road with the westerly side of Vernon Boulevard (75 feet wide), said point being the POINT or PLACE OF BEGINNING, and running thence:

Westerly, along said northerly side of 46th Road, a distance of 150.00 feet to a point; thence

Northerly, forming an interior angle of 90°00'00" with the previous course, a distance of 200.00 feet to a point on the southerly side of 46th Avenue (60 feet wide); thence

Easterly, along said southerly side of 46th Avenue and forming an interior angle of 90°00'00" with the previous course, a distance of 150.00 feet to a point; thence

Southerly, forming an interior angle of 90°00'00" with the previous course, a distance of 200.00 feet to the POINT or PLACE of BEGINNING.

Encompassing an area of 30,000 square feet or 0.68871 acres, more or less.

This description is prepared in accordance with a plan entitled "Brownfield Cleanup Program Site Boundary Exhibit, ABC – Block 27 – SCA Parcel", prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., Project No. 170340208, Drawing No. EX101, Dated February 04, 2026.

The geographic center of BL27 SCA Parcel is about 40.746677634884236, -73.9535576459080

An official website of New York State.
Here's how you know

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: DESIGN CENTER REALTY SUB, LLC

DOS ID: 3286483

FOREIGN LEGAL NAME:

FICTITIOUS NAME:

ENTITY TYPE: DOMESTIC LIMITED LIABILITY COMPANY

DURATION DATE/LATEST DATE OF DISSOLUTION:

SECTIONOF LAW: 203 LLC - LIMITED LIABILITY COMPANY LAW

ENTITY STATUS: ACTIVE

DATE OF INITIAL DOS FILING: 11/29/2005

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING: 11/29/2005

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS: PAST DUE

COUNTY: QUEENS

NEXT STATEMENT DUE DATE: 11/30/2021

JURISDICTION: NEW YORK, UNITED STATES

NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: C/O PLAXALL

Address: 5-46 46TH AVENUE, LONG ISLAND CITY, NY, UNITED STATES, 11101

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

WRITTEN CONSENT OF MANAGING MEMBER OF
DESIGN CENTER REALTY SUB, LLC

The undersigned, being an authorized signatory of DESIGN CENTER REALTY, LLC, which is the managing member (the "Managing Member") of DESIGN CENTER REALTY SUB, LLC, a New York limited liability company (the "Company"), hereby resolves that:

1. PAULA KIRBY is a representative of the Company and has the full power and authority on behalf of the Company, as an authorized signatory (the "Authorized Signatory"), to:

    a. Execute documents in connection with the application of the Company for participation in the New York State Brownfield Cleanup Program ("BCP");

    b. Enter into agreements with the New York State Department of Environmental Conservation ("DEC") in connection with the Company's participation in the BCP;

    c. Execute any and all documents in connection with the Company's participation in the BCP, including but not limited to applications, agreements, easements, and tax returns;

    d. Take any action necessary to the furtherance of the Company's participation in the BCP, including but not limited to conducting negotiations on behalf of the Company.

2. The authority hereby conferred shall be deemed retroactive, and any and all acts authorized herein which were performed prior to the passage of this consent are hereby approved and ratified. The authority hereby conferred shall continue in full force and effect until the DEC shall have received notice, in writing, of the revocation hereof by a resolution duly adopted by the Managing Member of the Company. Any such revocation shall be effective only as to actions taken by the Company subsequent to DEC's receipt of such notice.

3. The undersigned hereby represent and warrant that (i) the undersigned is an authorized signatory of the Managing Member of the Company; and (ii) the consent of the undersigned is sufficient to authorize the Company to take the aforementioned actions.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the undersigned has executed this Written Consent as of 25 day of March, 2026.

MANAGING MEMBER:

By: **Design Center Realty, LLC**,
a New York State limited liability company,
its Managing Member

By: _____
Name: Leonard Matthew Quigley
Title: Vice President

An official website of New York State.
Here's how you know

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: PLAX BL27, LLC

DOS ID: 5157550

FOREIGN LEGAL NAME:

FICTITIOUS NAME:

ENTITY TYPE: DOMESTIC LIMITED LIABILITY COMPANY

DURATION DATE/LATEST DATE OF DISSOLUTION:

SECTIONOF LAW: 203 LLC - LIMITED LIABILITY COMPANY LAW

ENTITY STATUS: ACTIVE

DATE OF INITIAL DOS FILING: 06/20/2017

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING: 06/20/2017

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS: PAST DUE

COUNTY: QUEENS

NEXT STATEMENT DUE DATE: 06/30/2023

JURISDICTION: NEW YORK, UNITED STATES

NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: PLAXALL

Address: 5-46 46TH AVENUE, LONG ISLAND CITY, NY, UNITED STATES, 11101

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name: PLAXALL

Address: 5-46 46TH AVENUE, LONG ISLAND CITY, NY, 11101

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

WRITTEN CONSENT OF MANAGING MEMBER OF
PLAX BL27, LLC

The undersigned, being an authorized signatory of Plastic Center Realty Sub, LLC, which is the managing member (the "Managing Member") of PLAX BL27, LLC, a New York limited liability company (the "Company"), hereby resolves that:

1. LEONARD MATTHEW QUIGLEY is a representative of the Company and has the full power and authority on behalf of the Company, as an authorized signatory (the "Authorized Signatory"), to:

    a. Execute documents in connection with the application of the Company for participation in the New York State Brownfield Cleanup Program ("BCP");

    b. Enter into agreements with the New York State Department of Environmental Conservation ("DEC") in connection with the Company's participation in the BCP;

    c. Execute any and all documents in connection with the Company's participation in the BCP, including but not limited to applications, agreements, easements, and tax returns;

    d. Take any action necessary to the furtherance of the Company's participation in the BCP, including but not limited to conducting negotiations on behalf of the Company.

2. The authority hereby conferred shall be deemed retroactive, and any and all acts authorized herein which were performed prior to the passage of this consent are hereby approved and ratified. The authority hereby conferred shall continue in full force and effect until the DEC shall have received notice, in writing, of the revocation hereof by a resolution duly adopted by the Managing Member of the Company. Any such revocation shall be effective only as to actions taken by the Company subsequent to DEC's receipt of such notice.

3. The undersigned hereby represent and warrant that (i) the undersigned is an authorized signatory of the Managing Member of the Company; and (ii) the consent of the undersigned is sufficient to authorize the Company to take the aforementioned actions.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the undersigned has executed this Written Consent as of 25 day of March, 2026.

MANAGING MEMBER:

By: **Plastic Center Realty Sub, LLC**,
a New York State limited liability company,
its Managing Member

By: _____
Name: Leonard Matthew Quigley
Title: Managing Director

LLC Membership Disclosures

The Members of Requestor #1, Design Center Realty Sub, LLC, are:

1. Design Center Realty, LLC, a New York limited liability company (Managing Member)
2. Design Center, Inc., a New York corporation

The Members of Requestor #2, PLAX BL27, LLC, are as follows:

1. Plastic Center Realty Sub, LLC, a New York limited liability company (Managing Member)
2. Design Center Realty Sub, LLC, a New York limited liability company
3. Design Center Realty, LLC, a New York limited liability company
4. OCALIC46, LLC, a New York limited liability company
5. Plastic Center, Inc., a New York corporation
6. Design Center, Inc., a New York corporation

Design Center Realty Sub, LLC
47-40 21st Street
Long Island City, NY 11101

March 25, 2026

PLAX BL27, LLC
47-40 21st Street
Long Island City, NY 11101

Re: Site Access for Brownfield Cleanup Program Work, NYSDEC Site Nos. C241175 and C241175B
Multiple Lots of Block 27, Long Island City, Queens, New York

Dear Sir/Madam:

As you are aware, PLAX BL27, LLC (the "Owner") is the fee owner of certain real property located at: 46-16 Vernon Boulevard (Block 27, Lot 2), 46-12 Vernon Boulevard (Block 27, Lot 4), 5-46 46th Avenue (Block 27, Lot 5), 5-21 46th Road (Block 27, Lot 15), 5-17 46th Road (Block 27, Lot 17), 5-01 46th Road (Block 27, Lot 23), 46-01 5th Street (Block 27, Lot 25), and 5-38 46th Avenue (Block 27, Lot 37), Long Island City, Queens, NY (collectively, the "Property").

Design Center Realty Sub, LLC (the "Company") and the Owner have jointly submitted an application to amend the Brownfield Cleanup Agreement ("BCA"), Index No. C241175-06-15, for Brownfield Cleanup Program ("BCP") Site No. C241175, known as the ABC – Block 27 site (the "Block 27 Site"). The purpose of this BCA amendment application is to create a new BCP site using an extracted portion of the existing Block 27 Site, which would be designated as new Site No. C241175B (the "SCA Parcel Site"), while the other portion of the Property remains the Block 27 Site.

As the Company has applied to be a remedial party for the new SCA Parcel Site, we are required to seek access to the Property from the Owner. Thus, we need written permission from the Owner to access the Property throughout the BCP project for purposes of investigation and remediation of the SCA Parcel Site under the BCP. Additionally, the selected remedies for the SCA Parcel Site and/or the Block 27 Site may require the imposition of an environmental easement on some or all of the Property. By execution of this site access agreement letter, you are hereby allowing site access for these BCP purposes and agreeing to the imposition of an environmental easement on some or all of the Property, if deemed necessary.

Sincerely,

Design Center Realty Sub, LLC

By: _____

Paula Kirby, Managing Director
Design Center Realty Sub, LLC

As owner of the above-referenced Property, I agree to allow Design Center Realty Sub, LLC, and its contractors, to access the Property to perform the required BCP investigation work, remediation, and to place an environmental easement on the Property, if determined to be necessary.

PLAX BL27, LLC

By: _____

Leonard Matthew Quigley, Authorized Signatory
PLAX BL27, LLC

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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

2017110100997010001E7760

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2017110100997010 Document Date: 10-30-2017 Preparation Date: 11-01-2017
Document Type: DEED
Document Page Count: 5

PRESENTER:
CHICAGO TITLE INSURANCE CO. (PICK-UP)
711 THIRD AVE, 5TH FLOOR
CT17-80190-Q (MAF)
NEW YORK, NY 10017
212-880-1200
CTINYRECORDING@CTT.COM

RETURN TO:
MATT QUIGLEY
PLAXALL, INC.
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	27	5	Entire Lot	5-35 46TH ROAD

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

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

PARTIES

GRANTOR/SELLER:
PLASTIC CENTER REALTY SUB, LLC
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

GRANTEE/BUYER:
PLAX BL27, LLC
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	62.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-16-2017 10:56
City Register File No.(CRFN): **2017000422383**

City Register Official Signature

CTT-80190-Q (5)

Form 8001 (3-00) Bargain and Sale Deed, without Covenants against Grantor's Acts Individual or Corporation. (single sheet)
CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of the 30th day of ~~September~~ October-Q, 2017 and

BETWEEN

Plastic Center Realty Sub, LLC, a New York corporation with offices at 5-46 46th Avenue, Long Island City, New York 11101

party of the first part, and

PLAX BL27, LLC, a New York corporation with offices at 5-46 46th Avenue, Long Island City, New York 11101

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration 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 plot, piece or parcel of land, ~~with the buildings and improvements thereon erected~~, situate, lying and being in the

See Schedule A attached.

Being and intended to be the same premises as conveyed to the party of the first part by deed dated January 1, 2007 and recorded on October 16, 2007 as CRFN 2007000522604

Said premises being known as 5-46 46th Avenue in Long Island City, New York 11101
Section 1, Block 27, Lot 5

TOGETHER with all right, title and interest, if any, of the party of the first part, in and to any streets and roads abutting the above-described premises 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 said premises; TO HAVE AND TO HOLD the premises 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, in compliance with Section 13 of the Lien Law, covenants that the party 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.

IN PRESENCE OF:

BY: Plastic Center Realty Sub, LLC

Name Leonard Matthew Quigley

Title Managing Director

Acknowledgement taken in New York State

State of New York, County of Queens , ss:

On the 3rd day of October, in the year 2017, before me, the undersigned, personally appeared Leonard Matthew Quigley

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

ANGELA D. BURNETTE
NOTARY PUBLIC-STATE OF NEW YORK
No. 01BU6126493
Qualified in Kings County
My Commission Expires June 17, 2021

Acknowledgement by Subscribing Witness taken in New York State

State of New York, County of , ss:

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

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who being by me duly sworn, did depose and say, that he/she/they reside(s) in

that he/she/they know(s)
to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said
execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

Title No.: _____

TO

DISTRIBUTED BY
A.R.S. ABSTRACT, LTD.
WWW.ARSABSTRACT.COM

Acknowledgement taken in New York State

State of New York, County of , ss:

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

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

Acknowledgement taken outside New York State

*State of , County of, ss:
*(or insert District of Columbia, Territory, Possession or Foreign Country)

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

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

(add the city or political subdivision and the sate or country or other place the acknowledgement was taken).

DISTRICT

SECTION 1

BLOCK 27

LOT 5

COUNTY OR TOWN Queens

RETURN BY MAIL TO:

Matt Quigley
Plaxall, Inc.
5-46 46th Avenue
Long Island City, New York

Zip No. 11101

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

A.

All that certain plot, piece or parcel of land, WITHOUT the buildings and improvements therein erected, situate, lying and being in the Borough and County of Queens, City and State of New York, known and designated as Lots 5, 6, 7, 8, 9, 41, 42, 43 and 44 in Block 19 on a certain map entitled "Map of Hunter, Van Alst and De Bevoise Farms, made by Peter G. Alst, 1861 filed in the Clerk's Office, Queens County and bounded and described as follows:

BEGINNING at a point on the northerly side of 46th Road (formerly W. 9th St.) distant 100 feet west from the corner formed by the intersection of the northerly side of 46th Road with the westerly side of Vernon Boulevard (formerly Central Avenue);

RUNNING THENCE Northerly parallel with the westerly side of Vernon Boulevard 200 feet to the southerly side of 46th Avenue;

THENCE Westerly along the southerly side of 46th Avenue 100 feet;

THENCE Southerly parallel with the westerly side of Vernon Boulevard, 100 feet to the center line of the block;

THENCE Westerly along the center line of the block and parallel with the northerly side of 46th Road 25 feet;

THENCE Southerly parallel with the westerly side of Vernon Blvd. 100 to the northerly side of 46th Road;

THENCE Easterly along the northerly side of 46th Road 125 feet to the point or place of BEGINNING.

B.

All those certain lots, pieces or parcels of land WITHOUT the buildings and improvements therein erected, situate, lying and being at Long Island City in the Borough and County of Queens, City and State of New York, known and designated on a certain map entitled, "Map of Hunter and Van Alst's Farms, made by Peter G. Van Alst, dated 1861 and filed in the office of the Clerk of the County of Queens on August 17, 1861 under Map No. 79, as and by lots numbered 30 to 36 both inclusive in block number 19, which said lots, according to said map, are more particularly bounded and described as follows:

BEGINNING at a point on the Southerly side of 46th Avenue (formerly West 10th Street), distant 125 feet easterly from the corner formed by the intersection of the southerly side of 46th Avenue with the easterly side of 5th Street (formerly West Avenue);

RUNNING THENCE Southerly parallel with the easterly side of 5th Street, 100 feet;

THENCE Easterly parallel with the southerly side of 46th Avenue, 175 feet 4 1/2 inches;

THENCE Northerly again parallel with the easterly side of 5th Street, 100 feet to the southerly side of 46th Avenue;

THENCE Westerly along the southerly side of 46th Avenue, 175 feet 4 1/2 inches to the point or place of beginning.

C.

All those certain lots, pieces or parcels of land WITHOUT the buildings and improvements therein erected, situate, lying and being at Long Island City in the Borough and County of Queens, City and State of New York, known and designated on a certain map entitled, "Map of Hunter and Van Alst's Farms, made by Peter G. Van Alst, dated 1861 and filed in the Office of the Clerk of the County of Queens on August 17, 1861 under Map No. 79," as and by lots numbered 13 and 14 in block number 19, which said lots, according to said map are more particularly bounded and described as follows:

BEGINNING at a point on the northerly side of 46th Road (formerly West 9th Street), distant 300 feet 4 1/2 inches westerly from the corner formed by the intersection pf the northerly side of 46th Road with the westerly side of Vernon Boulevard (formerly Vernon Avenue);

RUNNING THENCE Northerly parallel with the westerly side of Vernon Boulevard, 100 feet;

THENCE Westerly parallel with the northerly side of 46th Road, 50 feet 4 1/2 inches;

THENCE Southerly again parallel with the westerly side of Vernon Boulevard, 100 feet to the northerly side of 46th Road;

THENCE Easterly along the northerly side of 46th Road, 50 feet 4 1/2 inches to the point or place of BEGINNING.

D.

All that certain plot, piece or parcel of land, WITHOUT the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the Northerly side of 46th Road (formerly West 9th Street) distant 225 feet westerly from the corner formed by the intersection of the northerly side of 46th Road with the westerly side of Vernon Boulevard (formerly Central Avenue);

RUNNING THENCE westerly along the northerly side of 46th Road 75 feet;

THENCE Northerly parallel with Vernon Boulevard 100 feet;

THENCE Easterly parallel with 46th Road 75 feet;

THENCE Southerly parallel with Vernon Boulevard 100 feet to the point or place of BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2017110100997010001SB9E1

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

Document ID: 2017110100997010 Document Date: 10-30-2017 Preparation Date: 11-01-2017
Document Type: DEED

ASSOCIATED TAX FORM ID: 2017092700625

SUPPORTING DOCUMENTS SUBMITTED:

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

FOR CITY USE ONLY

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

C3. Book | | C4. Page | |

OR

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 5-35 (STREET NUMBER) | 46TH ROAD (STREET NAME) | QUEENS (BOROUGH) | 11101 (ZIP CODE)

2. Buyer Name: PLAX BL27, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

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

(LAST NAME / COMPANY) | (FIRST NAME)

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

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

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

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

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

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: PLASTIC CENTER REALTY SUB, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

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

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

SALE INFORMATION

10. Sale Contract Date: 10 / 30 / 2017 (Month / Day / Year)

11. Date of Sale / Transfer: 10 / 30 / 2017 (Month / Day / Year)

12. Full Sale Price: $ 0

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

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

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

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

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

15. Building Class: F 4

16. Total Assessed Value (of all parcels in transfer): 3,222,900

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

QUEENS 27 5 | | |

2017092700625201 02

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

BUYER

BUYER SIGNATURE | DATE: 10/10/17

5-46 46TH AVENUE | Leonard Matthew Quigley Managing Director

STREET NUMBER | STREET NAME (AFTER SALE)

LONG ISLAND CITY | NY | 11101

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

SELLER SIGNATURE | DATE: 10/10/17

Leonard Matthew Quigley
Managing Director

2017092700625201

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

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 27** **LOT: 5**

(2) **Property Address: 5-35 46TH ROAD, QUEENS, NY 11101**

(3) **Owner's Name:** **PLAX BL27, LLC**

Additional Name:

Affirmation:

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

Customer Billing Information:

Please Note:

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

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

Owner's Approval:

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

Print Name of Owner:

Signature: _____ Date (mm/dd/yyyy) 10/10/17

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

Leonard Mathew Ansley, Managing Director

BCS-7CRF-ACRIS REV. 8/08

2017092700625101

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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

2017110100997002001E6618

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 4**

Document ID: 2017110100997002 Document Date: 10-30-2017 Preparation Date: 11-01-2017
Document Type: DEED
Document Page Count: 3

PRESENTER:
CHICAGO TITLE INSURANCE CO. (PICK-UP)
711 THIRD AVE, 5TH FLOOR
CT17-80190-Q (MAF)
NEW YORK, NY 10017
212-880-1200
CTINYRECORDING@CTT.COM

RETURN TO:
MATT QUIGLEY
PLAXALL, INC.
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	27	37	Entire Lot	5-38 46TH AVENUE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

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

PARTIES

GRANTOR/SELLER:
OCALIC46, LLC
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

GRANTEE/BUYER:
PLAX BL27, LLC
5-46 46TH AVENUE
LONG ISLAND CITY, NY 11101

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	52.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-16-2017 10:56
City Register File No.(CRFN): **2017000422375**

City Register Official Signature

CT17-80190-Q (3)

Form 8001 (3/00) Bargain and Sale Deed, without Covenants against Grantor's Acts- Individual or Corporation. (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of the 30th day of ~~September~~ October, 2017 and

BETWEEN

OCALIC46, LLC, a New York corporation with offices at 5-46 46th Avenue, Long Island City, New York 11101

party of the first part, and

PLAX BL27, LLC, a New York corporation with offices at 5-46 46th Avenue, Long Island City, New York 11101

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration 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 plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

See Schedule A attached.

Being and intended to be the same premises as conveyed to the party of the first part by deed dated September 26, 2007 and recorded on October 11, 2007 as CRFN 2007000515306

Said premises being known as 5-38 46th Avenue in Long Island City, New York 11101
Section 1, Block 27, Lot 37

TOGETHER with all right, title and interest, if any, of the party of the first part, in and to any streets and roads abutting the above-described premises 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 said premises; TO HAVE AND TO HOLD the premises 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, in compliance with Section 13 of the Lien Law, covenants that the party 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.

IN PRESENCE OF:

BY: OCALIC46, LLC

Name: Leonard Matthew Quigley

Title: Managing Director

Acknowledgement taken in New York State

State of New York, County of Queens , ss:

On the 31st day of October , in the year 2017 , before me, the undersigned, personally appeared Leonard Matthew Quigley

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

ANGELA D BURNETTE
NOTARY PUBLIC-STATE OF NEW YORK
No. 01BU6126493
Qualified in Kings County
My Commission Expires June 17, 2021

Angela Burnette

Acknowledgement taken in New York State

State of New York, County of , ss:

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

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

Acknowledgement by Subscribing Witness taken in New York State

State of New York, County of , ss:

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

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who being by me duly sworn, did depose and say, that he/she/they reside(s) in

that he/she/they know(s)
to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said
execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

Acknowledgement taken outside New York State

*State of , County of, ss:
*(or insert District of Columbia, Territory, Possession or Foreign Country)

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

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

(add the city or political subdivision and the sate or country or other place the acknowledgement was taken).

Title No.: _____

DISTRICT

SECTION 1

BLOCK 27

LOT 37

COUNTY OR TOWN Queens

TO

RETURN BY MAIL TO:

Matt Quigley
Plaxall, Inc.
5-46 46th Avenue
Long Island City, New York

Zip No. 11101

DISTRIBUTED BY
A.R.S. ABSTRACT, LTD.
WWW.ARSABSTRACT.COM

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

SCHEDULE A

All THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE FIRST WARD OF THE BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, KNOWN AND DESIGNATED AS AND BY THE LOT NUMBERED 37, 38, 39 AND 40 IN BLOCK 19 ON A CERTAIN MAP ENTITLED, "MAP OF THE HUNTER, VAN ALST AND DEBEVOISE FARMS MADE BY PETER G. VAN ALST, DATED 1874 AND FILED IN THE OFFICE OF THE CLERK OF THE COUNTY OF QUEENS ON JUNE 11, 1875, WHICH SAID LOTS WHEN TAKEN TOGETHER AS ONE PARCEL AND MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF 46TH AVENUE, FORMERLY 10TH STREET, DISTANCE 200 FEET WESTERLY FROM THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY SIDE OF 46TH AVENUE WITH THE WESTERLY SIDE OF VERNON BOULEVARD, FORMERLY VERNON AVE;

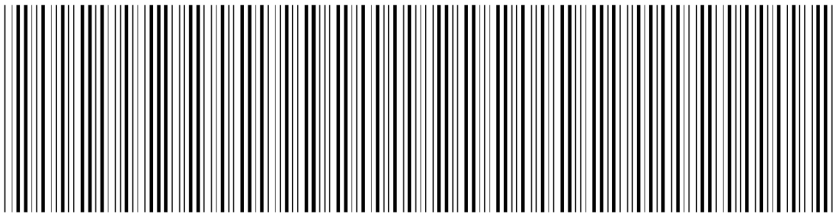
RUNNING THENCE SOUTHERLY PARALLEL WITH VERNON BOULEVARD, 100 FEET;

THENCE WESTERLY PARALLEL WITH 46THAVENUE, 100 FEET 4 ½ INCHES;

THENCE NORTHERLY PARALLEL WITH VERNON BOULEVARD 100 FEET SOUTHERLY SIDE OF 46TH AVENUE;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF 46TH AVENUE, 100 FEET 4 ½ INCHES TO THE POINT OR PLACE OF BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2017110100997002001SA899

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

Document ID: 2017110100997002 Document Date: 10-30-2017 Preparation Date: 11-01-2017
Document Type: DEED

ASSOCIATED TAX FORM ID: 2017092700711

SUPPORTING DOCUMENTS SUBMITTED:

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

FOR CITY USE ONLY

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

C3. Book | | | | | | C4. Page | | | |

OR

C5. CRFN | | | | | |

CERTIFICATION

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

BUYER			BUYER'S ATTORNEY	
BUYER SIGNATURE		DATE	LAST NAME	FIRST NAME
5-46 46TH AVENUE	Leonard Matthew Quigley, Manager Direct	9/20/17		
STREET NUMBER	STREET NAME (AFTER SALE)		AREA CODE	TELEPHONE NUMBER
			SELLER	
LONG ISLAND CITY	NY	11101		9/20/17
CITY OR TOWN	STATE	ZIP CODE	SELLER SIGNATURE	DATE

Manager Direct
Leonard Matthew Quigley

2017092700711201

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

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 27** **LOT: 37**

(2) **Property Address: 5-38 46TH AVENUE, QUEENS, NY 11101**

(3) **Owner's Name:** **PLAX BL27, LLC**

Additional Name:

Affirmation:

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

Customer Billing Information:

Please Note:

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

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

Owner's Approval:

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

Print Name of Owner:

Signature: _____ Date (mm/dd/yyyy) 10/10/17

Name and Title of Person Signing for Owner, if applicable:
Leonard Matthew Rozzo, Managing Director

BCS-7CRF-ACRIS REV. 8/08

2017092700711101

Attachment F – Tangible Property Credit Eligibility Narrative

The Existing Site will retain its current Site ID No. C241175 and the original execution date of February 3, 2016 for its BCA, Index No. C241175-06-15. The Existing Site will remain a Gen 2.0 BCP site that is not subject to the December 31, 2019 completion date[1] and will remain eligible for tangible property credits (TPCs) without needing to meet the requirements of any TPC eligibility gateway applicable to Gen 3.0 BCP sites. All site preparation costs incurred by the Requestors until the effective date of this Amendment shall be attributed to the Existing Site.

The Requestors are not seeking TPCs for the proposed SCA Parcel Site, because the SCA (a non-taxpayer) is funding the SCA Parcel Site's remediation going forward and will develop it following COC issuance. Thus, no additional brownfield tax credits would result from splitting the SCA Parcel Site from the Existing Site.

[1] *See* NYSDEC, *BCP Generations and Certificate of Completion (CoC) Issuance Dates* (July 2017), https://extapps.dec.ny.gov/docs/remediation_hudson_pdf/bcpgensdates0717.pdf.

Attachment G – Property Description Narrative

Proposed Reduced-Size BCP Site No. C241175

Location

This BCA Application to Amend proposes to reduce the size of the existing ABC Block 27 BCP site and create a new BCP site with the reduced area on which SCA would construct and occupy a school following remediation of the new BCP site and ahead of the remediation of the reduced-size Block 27 BCP site comprising the balance of the block. The proposed reduced size BCP Site C241175 is located at 5-46 46th Avenue in Long Island City, New York. The reduced-size BCP site occupies a total area of about 75,150 square feet (about 1.72520 acres) and is identified as Block 27, Lots 2, 4, 15, 17, 23, 25, and part of Lots 5 and 37 on the Queens County Tax Map. The reduced-size Block 27 BCP site is located on the city block bounded by 46th Avenue, followed by a parking lot and two single-story warehouses to the north (Block 26, Lots 17 and 21 [BCP Site No C241174]); the new proposed BCP site C241175B on the remaining parts of Lots 5 and 37 and Vernon Boulevard to the east; 46th Road, followed by three two-story industrial and manufacturing buildings, a vacant lot, and a 12-story residential building to the south; and 5th Street, followed by a six-story school owned by the NYC Board of Education to the west.

The proposed redevelopment on the proposed reduced-size BCP Site No. C241175 is pending.

Current Zoning/Use

The proposed reduced-size BCP Site is within an area recently rezoned as part of the Long Island City Neighborhood Plan rezoning (led by the New York City Department of City Planning), which completed the NYC Uniform Land Use Review Procedure (ULURP) at the end of 2025.

Current use of the proposed reduced-size BCP Site is described below:

- Lot 2: Vacant parcel of land (formerly contained seven aboveground silos used for storing plastic pellets) with gravel cover and the concrete pad of former silos;
- Lot 4: One two-story multi-family residential building with a backyard;
- Part of Lot 5: Four industrial and manufacturing buildings occupied by a design consulting company, an architecture design company, a digital marketing company, a floral arrangements company, a landscaping services company, artists and musician spaces, art collection and gallery space, an online retail company, a digital design company, a furniture rental company, a fashion design company, an industrial design company, and a television production company;
- Lot 15: One single-story industrial and manufacturing building occupied by a movie set design and construction company;
- Lot 17: One two-story industrial and manufacturing building occupied by a dance studio, a fine arts academy, a taekwondo studio, a machine shop, a beauty salon, and a furniture refurbishing store;
- Lot 23: One two-story industrial and manufacturing building occupied by a fire protection company;

- Lot 25: Two two-story industrial and manufacturing buildings occupied by a beer brewing company, a community boathouse, a yoga studio, an artist studio, a bicycle education company, a video production company, a woodworking company, and a gym; and
- Part of Lot 37: One two-story industrial and manufacturing building occupied by a consignment shop and a furniture manufacturer.

Historical Site Use

The historical uses of Lot 2, part of Lot 5, Lot 15, Lot 23, Lot 25, and part of Lot 37 include a paint works with an oil tank and barrel storage (1898), paint and varnish manufacturers (1898 to 1950), a sewer pipe storage yard (1898), a printing inks manufacturer (1898 to 1950), a soap manufacturer (1915 to 1950), a dry color manufacturer (1915 to 1950), the Standard Oil Company (1915 to 1947), a cooperage (1915 to 1936), an automobile painting facility (1915), barrel storage (1915), an automobile facility with gasoline tank (1915), printing facilities (1934 to 1962), a paint manufacturer (1934 to 1950), an oil company (1936 to 1950), a machine assembling facility (1947 to 1950), a packaging and thermoforming facility (1950 to 2022), a shirt press (1950), cleaning and dyeing facilities (1950), a paper box manufacturer (1962 to 1983), an automotive school (1970 to 2007), a meat processing facility (1970 to 2006), a facility with eight chemical storage tanks (1977 to 2006), and a metals works (1991.

Site Geology and Hydrogeology

Non-native fill was identified below the existing buildings and impervious cover to depths of at least 14 feet below grade surface (bgs) across the site. Non-native fill contains semivolatile organic compounds (SVOCs), metals, and to a lesser extent polychlorinated biphenyls (PCBs) and pesticides above applicable regulatory criteria. The non-native fill appears underlain by a 0.5- to 8-foot-thick meadow mat layer (observed at depths ranging from 5 to 18 feet bgs), which is mostly ubiquitous across the site, composed of gray to black clay and silt with fibrous organic matter and peat, followed by fine- to medium-grained sand with lenses of gravel (glacial outwash deposits). The glacial outwash deposits are underlain by bedrock. Bedrock was encountered during the RI between about 16 and 30 feet bgs.

Two water-bearing zones exist at the site; one saturated zone lies above the meadow mat within the non-native fill layer, and the other saturated zone lies below the meadow mat within the glacial outwash deposits formation. Synoptic groundwater level measurements were collected on November 16, 2016 and depth to groundwater generally ranged from about 6 to 9 feet bgs. Groundwater elevations above the meadow mat ranged from about el. +5.35 North American Vertical Datum of 1988 (NAVD88) to el. +0.92 NAVD88 during high tide and low tide, respectively. Groundwater elevations below the meadow mat ranged from about el. +2.57 NAVD88 to el. +0.62 NAVD88 during high and low tide, respectively. Groundwater above and below the meadow mat appears to be tidally influenced; observed tidal changes are generally less than 1 foot. During low and high tide, the direction of groundwater flow in shallow wells is towards the central portion of the site. During low and high tide, the direction of groundwater flow in deep wells is to the west (in the direction of the East River).

Environmental Assessment

Langan completed the RI and Supplemental Remedial Investigations (SRIs) between September

2016 and September 2021 to investigate and further characterize the nature and extent of the contamination on the Existing BCP Site associated with areas of concern identified by previous investigations, address known data gaps, and generate data sufficient to design the site remedy. Langan conducted the RI and SRIs in accordance with the following work plans and guidance documents:

- *NYSDEC-approved Remedial Investigation Work Plan (RIWP), dated August 25, 2016*
- *NYSDEC-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 1, dated July 31, 2017*
- *NYSDEC-approved SRIWP No. 2, dated August 13, 2018*
- *NYSDEC-approved SRIWP No. 3, dated February 5, 2021*
- *NYSDEC-approved SRIWP No. 4, dated August 12, 2021*
- *Title 6 NYCRR Part 375 (6 NYCRR Part 375)*
- *NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010)*
- *NYSDEC Draft Brownfield Cleanup Program Guide (May 2004)*
- *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York and Decision Matrices (October 2006 and subsequent updates)*
- *NYSDEC Sampling, Analysis, and Assessment of Per and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Program (June 2021)*

The various work plans and reports associated with the site can be found at https://extapps.dec.ny.gov/data/DecDocs/C241175/.

The following sections provide data summaries for the Reduced-Size BCP Site only:

Soil:
Soil contamination, including VOCs, SVOCs, pesticides, PCBs, and metals, characterized by field observations and soil sample analytical results exceeding the NYSDEC Part 375 UU, RURR, and/or PGW SCOs, is attributable to historical site use, historical releases from historical on-site petroleum bulk storage, and apparent off-site sources.

Non-native fill was identified below the existing buildings and impervious cover from about 0.75 to 14 feet bgs and is characterized as light brown to brown, fine to medium sand with varying amounts of silt, gravel, brick, concrete, coal, coal ash, cinder, glass, and slag.

Tabulated soil analytical data specific to the Reduced-Size BCP Site No. C241175 can be found on Tables 4A and 4B and Figures 5A, 5B, 5C, and 5D..

Please also refer to the NYSDEC-approved Remedial Investigation Report (RIR) dated April 23, 2023 for additional information on soil data.

Groundwater:
Based on the results of collective groundwater sampling performed during Remedial Investigations and Supplemental Remedial Investigations, from 2015 to 2021, groundwater

beneath the site contains contaminants at concentrations above the NYSDEC SGVs, including VOCs, SVOCs, 1,4-dioxane, metals, and PFAS.

Tabulated groundwater analytical data specific to the Reduced-Size BCP Site No. C241175 can be found on Table 5 and Figures 6A, 6B, 6C, and 6D..

Please also refer to the NYSDEC-approved Remedial Investigation Report (RIR) dated April 23, 2023 for additional information on soil data.

Soil Vapor:
VOCs, including benzene, carbon tetrachloride, ethylbenzene, M,P-xylene, O-xylene, methylene chloride, toluene, trichloroethene (TCE), and tetrachloroethene (PCE), total BTEX, were detected in soil vapor across the site.

Tabulated soil vapor analytical data specific to the Reduced-Size BCP Site No. C241175 can be found on Table 6 and Figures 7A and 7B..

Please also refer to the NYSDEC-approved Remedial Investigation Report (RIR) dated April 23, 2023 for additional information on soil data.

Proposed New Site No. C241175B

Location

This BCA Application to Amend proposes to reduce the size of the ABC Block 27 BCP site and create a new BCP site with the reduced area on which SCA would construct and occupy a school following remediation of the new BCP site and ahead of the remediation of the reduced-size ABC Block 27 BCP site comprising the balance of the block. The proposed new BCP Site No. C241175B is located at 5-46 46th Avenue in Long Island City, New York. The site occupies a total area of about 30,000 square feet (about 0.68871 acres) and is identified as Block 27, part of Lots 5 and 37 on the Queens County Tax Map. The new BCP site is bounded by 46th Avenue, followed by a 23-story residential building under construction and a single-story warehouse to the north (Block 26, Lots 17 [BCP Site No C241174]); a 7-story residential building with ground floor pre-school (Lot 46), and two 2-story residential buildings (Block 27, Lots 2 and 4 [BCP Site No C241175]), and Vernon Boulevard to the east; 46th Road, followed by three two-story industrial and manufacturing buildings, a vacant lot and a 12-story residential building to the south; and a 2-story warehouse building and a 3-story warehouse building (Block 27, p/o Lots 5 and 37 [BCP Site No C241175]) to the west.

The proposed redevelopment of the proposed new BCP Site No. C241175B will consist of a new public school to be constructed by SCA as part of the Long Island City Neighborhood Plan. This initiative is in response to ongoing community requests for expanded school capacity and as such is being undertaken on an accelerated timeframe.

Current Zoning/Use

The proposed new BCP Site No. C241175B is within an area recently rezoned as part of the Long Island City Neighborhood Plan rezoning (led by the New York City Department of City Planning), which completed the NYC Uniform Land Use Review Procedure (ULURP) at the end of 2025. The site was vacated in March 2026, and is currently vacant.

Historical Site Use

The historical uses of part of Lot 5 and part of Lot 37 include, but are not limited to, a paint works with an oil tank and barrel storage (1898), paint and varnish manufacturers (1898 to 1950), a sewer pipe storage yard (1898), a lumber storage yard (1936 to 1950), a woodworking manufacturer (1967 to 1991), an electric company (2013), and a packaging and thermoforming facility (1950 to 2022).

Site Geology and Hydrogeology

Non-native fill was identified below the existing buildings and impervious cover to depths of at least 14 feet bgs across the site. Non-native fill contains SVOCs, metals, and to a lesser extent PCBs and pesticides above applicable regulatory criteria. The non-native fill appears underlain by fine- to medium-grained sand with lenses of gravel (glacial outwash deposits). The glacial outwash deposits are underlain by bedrock. Bedrock was encountered during the RI between about 16 and 30 feet bgs.

Synoptic groundwater level measurements were collected on November 16, 2016 and depth to groundwater generally ranged from about 6 to 9 feet bgs. Groundwater elevations ranged from about el. +4.2 NAVD88 to el. +1.3 NAVD88 during high tide and low tide in the shallow wells, and from about el. +2.1 NAVD88 to el. +1.2 NAVD88 in the deep wells. During low and high tide, the direction of groundwater flow in shallow wells is towards the northwest. During low and high tide, the direction of groundwater flow in deep wells is to the west (in the direction of the East River).

Environmental Assessment

Langan completed the RI and SRIs between September 2016 and September 2021 to investigate and further characterize the nature and extent of the contamination on the Existing BCP Site associated with areas of concern identified by previous investigations, address known data gaps, and generate data sufficient to design the site remedy. Langan conducted the RI and SRIs in accordance with the following work plans and guidance documents:

- *NYSDEC-approved RIWP, dated August 25, 2016*
- *NYSDEC-approved SRIWP No. 1, dated July 31, 2017*
- *NYSDEC-approved SRIWP No. 3, dated February 5, 2021*
- *NYSDEC-approved SRIWP No. 4, dated August 12, 2021*
- *6 NYCRR Part 375*
- *NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010)*
- *NYSDEC Draft Brownfield Cleanup Program Guide (May 2004)*
- *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York and Decision Matrices (October 2006 and subsequent updates)*
- *NYSDEC Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Program (June 2021)*

The various work plans and reports associated with the on the Existing BCP Site can be found at https://extapps.dec.ny.gov/data/DecDocs/C241175/.

The following sections provide data summaries for the proposed new BCP Site only:

Soil:
Soil contamination, including VOCs, SVOCs, pesticides, PCBs, and metals characterized by field observations and soil sample analytical results exceeding the NYSDEC Part 375 UU, RURR, and/or PGW SCOs, is attributable to historical site use, historical releases from historical on-site petroleum bulk storage, and apparent off-site sources.

Historic fill was identified below the existing buildings and impervious cover from about 2.5 to 11.5 feet bgs and is characterized as dark brown to black/gray, fine to medium sand with varying amounts of silt, gravel, brick, concrete, coal, and slag.

Tabulated soil analytical data specific to the new BCP Site can be found on Tables 1A and 1B and Figure 2.

Groundwater:
Based on the results of collective groundwater sampling performed during Remedial Investigations and Supplemental Remedial Investigations, from 2015 to 2017, groundwater beneath the site contains contaminants at concentrations above the NYSDEC SGVs, including VOCs, SVOCs, metals, PCBs (one sample only), and PFAS.

Tabulated soil analytical data specific to the new BCP Site can be found on Table 2 and Figure 3.

Soil Vapor:
VOCs, including benzene, carbon tetrachloride, ethylbenzene, m,p-xylene, o-xylene, methylene chloride, toluene, TCE, and PCE, total BTEX, were detected in soil vapor in the eastern part of the site.

Tabulated soil analytical data specific to the new BCP Site can be found on Table 3 and Figure 4.

Appendix H
Site Contact List

Site Name: BL27 SCA Parcel
Site No.: C241175B

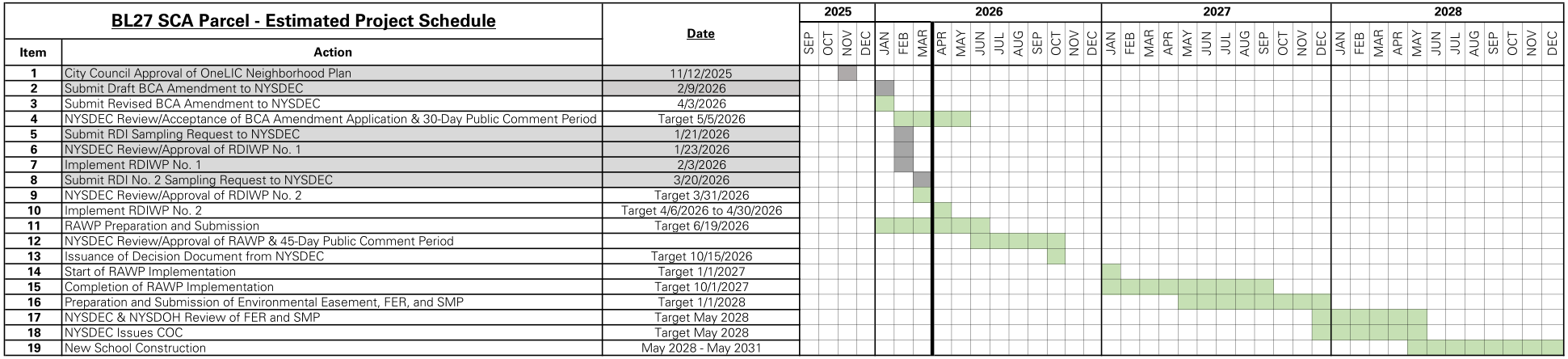
Last Update 4/3/2026

Relationship	Site Contact Person	Department or Business Name	Street Address	City	State	Zip
Current Owner	Jordan Hare	Design Center Realty Sub, LLC / Plax BL27, LLC	5-46 46th Avenue	Long Island City	NY	11101
Current Owner	Jordan Hare	Design Center Realty Sub, LLC / Plax BL27, LLC	46-12 Vernon Boulevard	Long Island City	NY	11101
Current Owner	Jordan Hare	Design Center Realty Sub, LLC / Plax BL27, LLC	5-38 46th Avenue	Long Island City	NY	11101
Community Group	Whom It May Concern	Hunters Point Community Coalition	P.O. Box 1276	Long Island City	NY	11101
Community Group	Attn: President	Hunters Point Civic Association	4-74 48th Avenue, Apt. #11E	Long Island City	NY	11109
Public Official	Hon. Zohran Kwame Mamdani	NYC Mayor	City Hall	New York	NY	10007
Public Official	Hon. Brad Lander	NYC Comptroller	1 Centre Street	New York	NY	10007
Public Official	Sideya Sherman	Commissioner, NYC Dept. of City Planning	120 Broadway	New York	NY	10271
Public Official	Lisa F. Garcia	Commissioner, NYC Dept. of Environmental Protection	59-17 Junction Boulevard	Flushing	NY	11373
Public Official	Elijah Hutchinson, Director	Mayor's Office of Climate & Environmental Justice	253 Broadway – 14th floor	New York	NY	10007
Public Official	Hilary Semel	Mayor's Office of Environmental Coordination	100 Gold Street - 2nd Floor	New York	NY	10038
Public Official	Hon. Donovan Richards Jr	Queens Borough President	120-55 Queens Boulevard	Kew Gardens	NY	11424
Public Official	Christopher Allan	NYSDEC Project Manager	47-40 21st Street	Long Island City	NY	11101
Public Official	Amanda Lefton	NYSDEC Commissoner	625 Broadway	Albany	NY	12233
Public Official	Steven Berninger	NYSDOH Project Manager	Empire State Plaza; Corning Tower, Room 1787	Albany	NY	12237
Public Official	Scarlett Mclaughlin	NYSDOH Public Health Specialist	Empire State Plaza; Corning Tower, Room 1787	Albany	NY	12237
Public Official	Hon Charles Schumer	U.S. Senator	780 Third Avenue, Suite 2301	New York	NY	10017
Public Official	Hon. Kirsten Gillibrand	U.S. Senator	780 Third Avenue, Suite 2601	New York	NY	10017
Public Official	Hon. Nydia Velázquez	U.S. House of Representatives	39-16 47th Avenue	Sunnyside	NY	11104
Public Official	Hon. Julie Won	NYC Councilmember	37-04 Queens Boulevard, Suite 205	Long Island City	NY	11101
Public Official	Hon. Kristen Gonzalez	NYS Senator	31-19 Newtown Avenue South, Suite 402	Astoria	NY	11102
Public Official	Hon. Claire Valdez	NYS Assemblymember	45-10 Skillman Avenue, First Floor	Sunnyside	NY	11104
Public Official	District Manager	Queens Community Board 2	43-22 50th Street	Woodside	NY	11377
Public Official	Queens County Clerk's Office	County Clerk	88-11 Sutphin Boulevard, 1st Floor	Jamaica	NY	11439
Public Official	Office of Pupilc Transportation	NYC Board of Education	44-36 Vernon Boulevard	Long Island City	NY	11101
Public Official	Jen Hensley, Director	Consolidated Edison Public Affairs	59-17 Junction Boulevard, 2nd floor	Elmhurst	NY	11373
Public Official	Diane Ballek, President	108th NYPD Police Precinct Council	5-47 50th Avenue	Long Island City	NY	11101
Public Official	Engine 258 Ladder 115	FDNY	10-40 47th Avenue	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	ZDJ Vernon LLC	45-40 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	Vernon Realty Corp	45-58 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	46-02 Vernon Boulevard, LLC	5-56 46 Avenue	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	PCI Green Realty, LLC	46-14 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	Plax BL27, LLC	46-16 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	46-18 Vernon Blvd LLC	46-18 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	Sala Realty LLC	46-28 Vernon Boulevard	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	Waksman, Adam	5-50 46th Road	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	BLOSSOM TREE LLC	5-48 46th Road	Long Island City	NY	11101
Adjacent Property Owner/Operator	Whom It May Concern	Graduate Center Foundation Housing Corpo Ration LIC	47th Avenue	Long Island City	NY	11101
School Near Site	Whom It May Concern	Ps 312 Q	46-08 5th St	Long Island City	NY	11101
School Near Site	Whom It May Concern	PS/IS 78Q - The Robert F. Wagner Jr. School - Middle School	46-08 5th St	Long Island City	NY	11101
School Near Site	Whom It May Concern	NY Preschool & Kids Club – Long Island City	45-45 Center Blvd	Long Island City	NY	11101
School Near Site	Whom It May Concern	Lollys Early Childhood Center	5-44 47th Ave	Long Island City	NY	11101
School Near Site	Whom It May Concern	City Gan Preschool	10-29 48th Ave	Long Island City	NY	11101
School Near Site	Whom It May Concern	Little Ones - Early Childhood Learning Center	4-74 48th Ave	Long Island City	NY	11101
School Near Site	Whom It May Concern	P.S./I.S. 78Q	48-09 Center Blvd	Long Island City	NY	11101
School Near Site	Whom It May Concern	Bunny Hill LIC Daycare and Preschool	10-37 47th Road	Long Island City	NY	11101
School Near Site	Whom It May Concern	AYM School	11-20 46th Road	Long Island City	NY	11101
School Near Site	Whom It May Concern	Bunny Hill LIC Preschool	47-28 11th St	Long Island City	NY	11101
School Near Site	Whom It May Concern	Afterschool Collective	11-45 47th Ave 2nd Floor	Long Island City	NY	11101
School Near Site	Whom It May Concern	Herbert G Birch Western Queens Long Island City Early Childhood Center - Birch Family Services	10-24 49th Ave	Long Island City	NY	11101
School Near Site	Whom It May Concern	Gantry View School	5-36 50th Ave	Long Island City	NY	11101
School Near Site	Whom It May Concern	My Tree House	46-07 Vernon Blvd	Long Island City	NY	11101
School Near Site	Whom It May Concern	Bunny Hill LIC Infant and Toddler Center	46-04 Vernon Blvd	Long Island City	NY	11101
School Near Site	Whom It May Concern	Bright Start Child Learning Center	47-09 5th St	Long Island City	NY	11101
School Near Site	Whom It May Concern	KidStrong Long Island City (NY)	2-33 50th Ave	Long Island City	NY	11101
Local News Media	NY 1 News	NY 1 News	75 Ninth Avenue	New York	NY	10011
Local News Media	New York Daily News	New York Daily News	PO Box 7180	New York	NY	10008
Local News Media	New York Post	New York Post	1211 Avenue of the Americas	New York	NY	10036
Local News Media	Queens Tribune	Queens Tribune	150-50 14th Road	Whitestone	NY	11357
Local News Media	Queens Courier	Queens Courier	38-15 Bell Blvd.	Bayside	NY	11361
Local News Media	Western Queens Gazette	Western Queens Gazette	42-16 34th Avenue	Long Island City	NY	11101
Local News Media	Times-Ledger Newspapers	Times-Ledger Newspapers	41-02 Bell Boulevard, 2nd Floor	Bayside	NY	11361
Local News Media	Queens Chronicle	Queens Chronicle	71-19 80th St, Ste 8201	Ridgewood	NY	11385
Local News Media	LIC/Astoria Journal	LIC/Astoria Journal	45-23 47th Street	Woodside	NY	11377

Attachment I - Estimated Project Schedule

Site Name: BL27 SCA Parcel
NYSDEC BCP Site No. C241175B
Date Updated: 3/30/2026

Item	Action	Date
1	City Council Approval of OneLIC Neighborhood Plan	11/12/2025
2	Submit Draft BCA Amendment to NYSDEC	2/9/2026
3	Submit Revised BCA Amendment to NYSDEC	4/3/2026
4	NYSDEC Review/Acceptance of BCA Amendment Application & 30-Day Public Comment Period	Target 5/5/2026
5	Submit RDI Sampling Request to NYSDEC	1/21/2026
6	NYSDEC Review/Approval of RDIWP No. 1	1/23/2026
7	Implement RDIWP No. 1	2/3/2026
8	Submit RDI No. 2 Sampling Request to NYSDEC	3/20/2026
9	NYSDEC Review/Approval of RDIWP No. 2	Target 3/31/2026
10	Implement RDIWP No. 2	Target 4/6/2026 to 4/30/2026
11	RAWP Preparation and Submission	Target 6/19/2026
12	NYSDEC Review/Approval of RAWP & 45-Day Public Comment Period	
13	Issuance of Decision Document from NYSDEC	Target 10/15/2026
14	Start of RAWP Implementation	Target 1/1/2027
15	Completion of RAWP Implementation	Target 10/1/2027
16	Preparation and Submission of Environmental Easement, FER, and SMP	Target 1/1/2028
17	NYSDEC & NYSDOH Review of FER and SMP	Target May 2028
18	NYSDEC Issues COC	Target May 2028
19	New School Construction	May 2028 - May 2031



Notes:

1.0 This is an estimated schedule; all items are subject to change, based on agency review.
2.0 BCP = Brownfield Cleanup Program
3.0 NYSDEC = New York State Department of Environmental Conservation
4.0 BCA = Brownfield Cleanup Agreement
5.0 BCA = Brownfield Cleanup Agreement
6.0 RDIWP = Remedial Design Investigation Work Plan
7.0 SCA = School Construction Authority
8.0 RAWP = Remedial Action Work Plan

Completed Items/Milestones
Anticipated Schedule for NYSDEC-BCP Items



45-40 Vernon Blvd
ZDJ VERNON LLC

45-58 Vernon Blvd
VERNON REALTY CORP

5-56 46 Avenue
46-02 VERNON BOULEVARD, LLC

46-01 Vernon Blvd
THE DRAKOTOS FAMILY LLC

46-05 Vernon Blvd
RANDEL MOLD & DIE CORP

46-07 Vernon Blvd

46-09 Vernon Blvd
LOMBARDI ERASMO

46-17 Vernon Blvd
RANDEL MOLD & DIE CORP

46-12 Vernon Blvd
PLAX BL27, LLC

46-14 Vernon Blvd
PCI GREEN REALTY, LLC

46-16 Vernon Blvd
PLAX BL27, LLC

46-18 Vernon Blvd
46-18 VERNON BLVD LLC

46-29 Vernon Blvd
46-29 VERNON LLC

46-20 5 Street

5-11 47 Avenue
LIC RES LLC

47 Avenue
GRADUATE CENTER
FOUNDATION HOUSING
CORPORATION LLC

5-48 46 Road
BLOSSOM TREE LLC

5-50 46 Road
WAKSMAN, ADAM

46-28 Vernon Blvd
SALA REALTY LLC

LEGEND

APPROXIMATE BLOCK 27 BCP SITE BOUNDARY

APPROXIMATE BL27 SCA PARCEL BCP SITE BOUNDARY

GENERAL NOTES

1. BASEMAP PROVIDED BY NEW YORK CITY'S ZONING & LAND USE MAP ON MARCH 30, 2026
2. TAX PARCEL DATA PROVIDED BY NEW YORK CITY DEPARTMENT OF CITY PLANNING

50 0 25 50
SCALE: 1 INCH = 50 FEET

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

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Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
368 Ninth Avenue, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
ABC BLOCK 27
BLOCK No. 27 LOTS 2, 4, 15, 17, 23, 25, AND P/O LOTS No. 5 AND 37
LONG ISLAND CITY
QUEENS NEW YORK

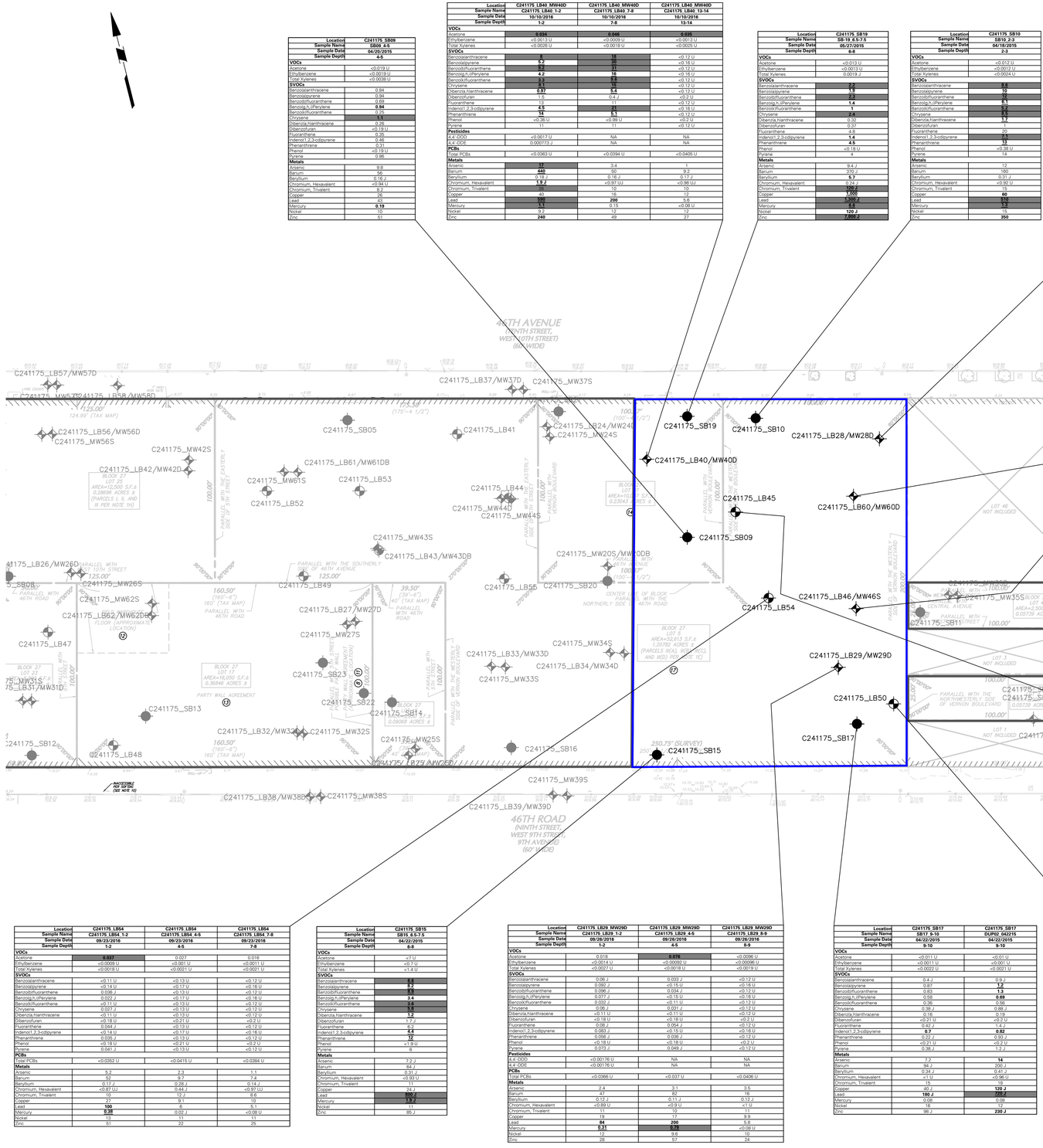
Drawing Title
ADJACENT PARCELS AND OWNERS

Project No.	Figure
170340208	1
Date: 4/02/2026	
Drawn By: AD	
Checked By: RL	Sheet 1 of 14

PROJECT NO. 170340208

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Filename: \\Langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 27A - C241175B\BCA App\Adjacent Parcels and Owners.dwg Date: 3/30/2026 Time: 15:13 User: adbernardi Style Table: Langan.stb Layout: Surrounding Properties Map


46TH AVENUE
(NINTH STREET, WEST 10TH STREET)
(66' WIDE)
46TH ROAD
(NINTH STREET, WEST 9TH STREET, 9TH AVENUE)
(60' WIDE)
241175_LB57/MW57D
241175_MW57S
241175_LB58/MW58D
241175_LB56/MW56D
241175_MW56S
241175_MW42S
241175_LB42/MW42D
241175_LB61/MW61DB
241175_MW61S
241175_LB53
241175_LB52
241175_LB26/MW26D
241175_MW26S
241175_MW62S
241175_LB62/MW62DB
241175_LB47
241175_LB31/MW31D
241175_MW31S
241175_LB13
241175_LB12
241175_LB48
241175_LB37/MW37D
241175_MW37S
241175_SB05
241175_LB41
241175_LB24/MW24D
241175_MW24S
241175_LB44
241175_MW44D
241175_MW44S
241175_MW43S
241175_LB43/MW43DB
241175_LB49
241175_MW27D
241175_MW27S
241175_LB27/MW27D
241175_SB23
241175_SB22
241175_SB14
241175_LB32/MW32D
241175_MW32S
241175_MW25S
241175_LB16
241175_MW39S
241175_LB38/MW38D
241175_MW38S
241175_LB39/MW39D
241175_SB19
241175_SB10
241175_LB28/MW28D
241175_LB40/MW40D
241175_LB45
241175_SB09
241175_LB60/MW60D
241175_LB46/MW46S
241175_LB54
241175_LB20S/MW20DB
241175_LB55
241175_LB20
241175_LB33/MW33D
241175_LB34/MW34D
241175_MW34S
241175_MW33S
241175_LB29/MW29D
241175_LB50
241175_SB17
241175_SB15
241175_LB30/MW30D
241175_MW35S
241175_SB11
241175_SB07
241175_SB08
241175_LB36/MW36D
241175_MW36S
241175_LB35/MW35D
241175_SB21
241175_SB18
241175_LB59/MW59D
241175_MW59S
241175_LB63/MW63D
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241175_LB78/MW78D
241175_MW78S
241175_LB79/MW79D
241175_MW79S
241175_LB80/MW80D
241175_MW80S
241175_LB81/MW81D
241175_MW81S
241175_LB82/MW82D
241175_MW82S

Location	C241175_MW49S
Sample Name	C241175_MW49S_110817
Sample Date	11/08/2017
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	< 0.5 U
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	2
Benzo(a)anthracene	**1.22**
Benzo(a)pyrene	**0.31**
Benzo(b)fluoranthene	**0.28**
Benzo(k)fluoranthene	**0.1**
Chrysene	**0.17**
Indeno(1,2,3-cd)pyrene	**0.26**
Naphthalene	9.4
Pentachlorophenol	< 0.8 U
Phenanthrene	2
Metals - Dissolved	
Antimony	3.52 J
Arsenic	9.48
Iron	**485**
Lead	2.7
Magnesium	**53,300**
Manganese	**594.9**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**238,000**
Metals - Total	
Antimony	**4.49**
Arsenic	**42.2**
Iron	**44,000**
Lead	**3,148**
Magnesium	**57,200**
Manganese	**1,924**
Mercury	**0.29**
Selenium	9.65
Sodium	**201,000**

Location	C241175_LB40_MW40D
Sample Name	C241175_MW40D_101816
Sample Date	10/18/2018
VOCs	
1,2,4,5-Tetramethylbenzene	0.56 J
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	1.6 J
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	1.6 J
Trichloroethene (TCE)	< 0.5 U
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	0.59
Benzo(a)anthracene	**0.97 J**
Benzo(a)pyrene	< 0.2 U
Benzo(b)fluoranthene	**0.82 J**
Benzo(k)fluoranthene	< 0.2 U
Chrysene	< 0.2 U
Indeno(1,2,3-cd)pyrene	< 0.2 U
Naphthalene	< 0.2 U
Pentachlorophenol	< 0.8 U
Phenanthrene	0.19 J
PCBs	
Total PCBs	< 0.083 U
Metals - Dissolved	
Antimony	< 5 U
Arsenic	7.72
Iron	**8,850**
Lead	< 1 U
Magnesium	**50,700**
Manganese	**3,521**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**110,000**
Metals - Total	
Antimony	< 4 U
Arsenic	7.9
Iron	**10,100**
Lead	11.7
Magnesium	**41,100**
Manganese	**2,607**
Mercury	< 0.2 U
Selenium	7.2
Sodium	**105,000**

Location	C241175_MW46S
Sample Name	C241175_MW46S_101816
Sample Date	10/18/2018
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	< 0.5 U
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	< 0.1 U
Benzo(a)anthracene	< 0.2 U
Benzo(a)pyrene	< 0.2 U
Benzo(b)fluoranthene	< 0.2 U
Benzo(k)fluoranthene	< 0.2 U
Chrysene	< 0.2 U
Indeno(1,2,3-cd)pyrene	< 0.2 U
Naphthalene	< 0.2 U
Pentachlorophenol	< 0.8 U
Phenanthrene	< 0.2 U
PCBs	
Total PCBs	< 0.083 U
Metals - Dissolved	
Antimony	< 5 U
Arsenic	2.72
Iron	**2,630**
Lead	0.4 J
Magnesium	**50,900**
Manganese	**732.9**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**646,000**
Metals - Total	
Antimony	0.5 J
Arsenic	2.8
Iron	**2,280**
Lead	0.8
Magnesium	**53,100**
Manganese	**764**
Mercury	< 0.2 U
Selenium	2.2
Sodium	**528,000**

Location	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D
Sample Name	C241175_MW28D_100516	C241175_MW28D_112916	C241175_MW28D_090921
Sample Date	10/05/2016	11/29/2016	09/09/2021
VOCs			
1,2,4,5-Tetramethylbenzene	**10 J**	NA	<2 U
1,4-Dioxane (P-Dioxane)	< 2,500 U	NA	<250 U
Benzene	**15 J**	NA	0.29 J
Cis-1,2-Dichloroethene	< 25 U	NA	<2.5 U
Ethylbenzene	**200**	NA	<2.5 U
Isopropylbenzene (Cumene)	**43**	NA	<2.5 U
M,P-Xylene	**1,200**	NA	<2.5 U
Naphthalene	< 25 U	NA	0.83 J
n-Propylbenzene	**8.6 J**	NA	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	**160**	NA	<2.5 U
Tetrachloroethene (PCE)	< 5 U	NA	<0.5 U
Toluene	**8.4 J**	NA	<2.5 U
Total Xylenes	**1,400**	NA	<2.5 U
Trichloroethene (TCE)	< 5 U	NA	0.22 J
Vinyl Chloride	< 10 U	NA	0.08 J
SVOCs			
Acenaphthene	1.1	NA	5.6
Benzo(a)anthracene	**0.96 J**	NA	0.04 J
Benzo(a)pyrene	< 0.2 U	NA	<0.1 U
Benzo(b)fluoranthene	< 0.2 U	NA	0.02 J
Benzo(k)fluoranthene	< 0.2 U	NA	0.01 J
Chrysene	< 0.2 U	NA	0.02 J
Indeno(1,2,3-cd)pyrene	< 0.2 U	NA	<0.1 U
Naphthalene	1.4	NA	0.83 J
Pentachlorophenol	< 0.8 U	NA	0.06 J
Phenanthrene	1.6	NA	<0.1 U
PCBs			
Total PCBs	< 0.083 U	NA	NA
Metals - Dissolved			
Antimony	< 4 U	< 4 U	NA
Arsenic	**25.2**	23.2	NA
Iron	**21,400**	**23,800**	NA
Lead	< 1 U	< 1 U	NA
Magnesium	**65,900**	**66,900**	NA
Manganese	**13,080**	**13,450**	NA
Mercury	< 0.2 U	< 0.2 U	NA
Selenium	< 5 U	< 5 U	NA
Sodium	**290,000**	**134,000**	NA
Metals - Total			
Antimony	< 4 U	< 4 U	NA
Arsenic	**27.9**	**28.1**	NA
Iron	**25,700**	**28,900**	**14,900**
Lead	0.9 J	1.6	NA
Magnesium	**62,300**	**65,900**	NA
Manganese	**12,280**	**13,720**	**9,385**
Mercury	< 0.2 U	< 0.2 U	NA
Selenium	< 5 U	< 5 U	NA
Sodium	**286,000**	**140,000**	NA

Location	C241175_LB60_MW60D
Sample Name	C241175_MW60D_110317
Sample Date	11/03/2017
VOCs	
1,2,4,5-Tetramethylbenzene	0.6 J
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	2.4
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	9.1
Benzo(a)anthracene	**0.31**
Benzo(a)pyrene	< 0.1 U
Benzo(b)fluoranthene	**0.66 J**
Benzo(k)fluoranthene	< 0.1 U
Chrysene	**0.2**
Indeno(1,2,3-cd)pyrene	< 0.1 U
Naphthalene	4.1
Pentachlorophenol	**1.2**
Phenanthrene	18
PCBs	
Total PCBs	< 0.0833 U
Metals - Dissolved	
Antimony	< 4 U
Arsenic	**27.27**
Iron	**21,700**
Lead	17.6
Magnesium	**40,900**
Manganese	**1,940**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**177,000**
Metals - Total	
Antimony	< 4 U
Arsenic	**27.49**
Iron	**24,000**
Lead	10.56
Magnesium	**40,500**
Manganese	**1,863**
Mercury	0.14 J
Selenium	3.4 J
Sodium	**163,000**

Location	C241175_MW46S
Sample Name	C241175_MW46S_110817
Sample Date	11/06/2017
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	< 0.5 U
Vinyl Chloride	< 1 U
SVOCs	
1,4-Dioxane (P-Dioxane)	NA
Acenaphthene	0.88
Benzo(a)anthracene	< 0.2 U
Benzo(a)pyrene	< 0.2 U
Benzo(b)fluoranthene	< 0.2 U
Benzo(k)fluoranthene	< 0.2 U
Chrysene	< 0.2 U
Indeno(1,2,3-cd)pyrene	< 0.2 U
Naphthalene	0.09 J
Pentachlorophenol	< 0.8 U
Phenanthrene	0.42
PCBs	
Total PCBs	< 0.083 U
Metals - Dissolved	
Antimony	< 4 U
Arsenic	0.9
Iron	181
Lead	< 1 U
Magnesium	31,200
Manganese	**3,567**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**47,200**
Metals - Total	
Antimony	< 4 U
Arsenic	8.3
Iron	**48,900**
Lead	**31.5**
Magnesium	**30,300**
Manganese	**4,647**
Mercury	< 0.2 U
Selenium	**15**
Sodium	**47,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	NA
Perfluorooctanoic Acid (PFOA)	NA

Location	C241175_MW46D
Sample Name	C241175_MW46D_110817
Sample Date	11/06/2017
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	**1**
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	0.62
Benzo(a)anthracene	**0.04 J**
Benzo(a)pyrene	< 0.1 U
Benzo(b)fluoranthene	**0.02 J**
Benzo(k)fluoranthene	< 0.1 U
Chrysene	< 0.1 U
Indeno(1,2,3-cd)pyrene	< 0.1 U
Naphthalene	0.21
Pentachlorophenol	< 0.8 U
Phenanthrene	0.24
PCBs	
Total PCBs	< 0.0833 U
Metals - Dissolved	
Antimony	< 4 U
Arsenic	0.76 J
Iron	203
Lead	0.54 J
Magnesium	34,400
Manganese	**11,100**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**20,600**
Metals - Total	
Antimony	< 4 U
Arsenic	0.6
Iron	**2,940**
Lead	2.27
Magnesium	34,600
Manganese	**11,200**
Mercury	0.15 J
Selenium	< 5 U
Sodium	**20,100**

Location	C241175_MW49D
Sample Name	C241175_MW49D_110617
Sample Date	11/06/2017
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	< 0.5 U
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	< 0.5 U
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	19
Benzo(a)anthracene	**0.82 J**
Benzo(a)pyrene	< 0.1 U
Benzo(b)fluoranthene	< 0.1 U
Benzo(k)fluoranthene	< 0.1 U
Chrysene	< 0.1 U
Indeno(1,2,3-cd)pyrene	< 0.1 U
Naphthalene	0.24
Pentachlorophenol	< 0.8 U
Phenanthrene	0.54
PCBs	
Total PCBs	**0.204**
Metals - Dissolved	
Antimony	< 4 U
Arsenic	3.27
Iron	**15,600**
Lead	< 1 U
Magnesium	33,700
Manganese	**2,607**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**104,000**
Metals - Total	
Antimony	< 4 U
Arsenic	2.63
Iron	**18,600**
Lead	3.06
Magnesium	33,900
Manganese	**2,800**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**107,000**

Location	C241175_MW15S
Sample Name	C241175_MW15S_111017
Sample Date	11/10/2017
VOCs	
1,2,4,5-Tetramethylbenzene	**249 J**
1,4-Dioxane (P-Dioxane)	< 50,000 UJ
Benzene	< 100 U
Cis-1,2-Dichloroethene	< 500 U
Ethylbenzene	< 500 U
Isopropylbenzene (Cumene)	< 500 U
M,P-Xylene	< 500 U
Naphthalene	**160 J**
n-Propylbenzene	< 500 UJ
o-Xylene (1,2-Dimethylbenzene)	< 500 U
Tetrachloroethene (PCE)	< 100 U
Toluene	< 500 U
Total Xylenes	< 500 U
Trichloroethene (TCE)	< 100 U
Vinyl Chloride	< 200 U
SVOCs	
Acenaphthene	37
Acenaphthylene	**13**
Anthracene	**14**
Benzo(b)fluoranthene	**18**
Benzo(k)fluoranthene	**4.7**
Chrysene	**12**
Indeno(1,2,3-cd)pyrene	**6.4**
Naphthalene	6.5
Pentachlorophenol	< 8 U
Phenanthrene	**66**

Location	C241175_MW15D
Sample Name	C241175_MW15D_111017
Sample Date	11/10/2017
VOCs	
1,2,4,5-Tetramethylbenzene	**5.8 J**
1,4-Dioxane (P-Dioxane)	< 2,500 UJ
Benzene	**4.2 J**
Cis-1,2-Dichloroethene	**1,500**
Ethylbenzene	< 25 U
Isopropylbenzene (Cumene)	< 25 U
M,P-Xylene	< 25 U
Naphthalene	< 25 U
n-Propylbenzene	< 25 U
o-Xylene (1,2-Dimethylbenzene)	< 25 U
Tetrachloroethene (PCE)	**300**
Toluene	< 25 U
Total Xylenes	< 25 U
Trichloroethene (TCE)	**200**
Vinyl Chloride	**200 J**
SVOCs	
Acenaphthene	2.6
Benzo(a)anthracene	**0.22 J**
Benzo(a)pyrene	< 0.1 U
Benzo(b)fluoranthene	< 0.1 U
Benzo(k)fluoranthene	< 0.1 U
Chrysene	< 0.1 U
Indeno(1,2,3-cd)pyrene	< 0.1 U
Naphthalene	0.17
Pentachlorophenol	< 0.8 U
Phenanthrene	0.76
PCBs	
Total PCBs	< 0.083 U
Metals - Dissolved	
Antimony	< 4 U
Arsenic	11.57
Iron	**4,400**
Lead	< 1 U
Magnesium	**61,400**
Manganese	**2,132**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**216,000**
Metals - Total	
Antimony	< 4 U
Arsenic	11.07
Iron	**4,230**
Lead	< 1 U
Magnesium	**61,400**
Manganese	**2,174**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**218,000**

Location	C241175_LB29_MW29D	C241175_LB29_MW29D
Sample Name	C241175_MW29D_100516	C241175_MW29D_111017
Sample Date	10/05/2016	11/10/2017
VOCs		
1,2,4,5-Tetramethylbenzene	< 2 U	NA
1,4-Dioxane (P-Dioxane)	< 250 U	NA
Benzene	< 0.5 U	NA
Cis-1,2-Dichloroethene	< 2.5 U	NA
Ethylbenzene	< 2.5 U	NA
Isopropylbenzene (Cumene)	< 2.5 U	NA
M,P-Xylene	< 2.5 U	NA
Naphthalene	< 2.5 U	NA
n-Propylbenzene	< 2.5 U	NA
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U	NA
Tetrachloroethene (PCE)	< 0.5 U	NA
Toluene	< 2.5 U	NA
Total Xylenes	< 2.5 U	NA
Trichloroethene (TCE)	< 0.5 U	NA
Vinyl Chloride	< 1 U	NA
SVOCs		
1,4-Dioxane (P-Dioxane)	NA	**1.64 J**
Acenaphthene	0.88	NA
Benzo(a)anthracene	< 0.2 U	NA
Benzo(a)pyrene	< 0.2 U	NA
Benzo(b)fluoranthene	< 0.2 U	NA
Benzo(k)fluoranthene	< 0.2 U	NA
Chrysene	< 0.2 U	NA
Indeno(1,2,3-cd)pyrene	< 0.2 U	NA
Naphthalene	0.09 J	NA
Pentachlorophenol	< 0.8 U	NA
Phenanthrene	0.42	NA
PCBs		
Total PCBs	< 0.083 U	NA
Metals - Dissolved		
Antimony	< 4 U	NA
Arsenic	0.9	NA
Iron	181	NA
Lead	< 1 U	NA
Magnesium	31,200	NA
Manganese	**3,567**	NA
Mercury	< 0.2 U	NA
Selenium	< 5 U	NA
Sodium	**47,200**	NA
Metals - Total		
Antimony	< 4 U	NA
Arsenic	8.3	NA
Iron	**48,900**	NA
Lead	**31.5**	NA
Magnesium	**30,300**	NA
Manganese	**4,647**	NA
Mercury	< 0.2 U	NA
Selenium	**15**	NA
Sodium	**47,000**	NA
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NA	**0.00425 J**
Perfluorooctanoic Acid (PFOA)	NA	**0.0029 J**

Location	C241175_MW29S	C241175_MW29S
Sample Name	C241175_MW29S_101116	C241175_MW29S_111017
Sample Date	10/11/2016	11/10/2017
VOCs		
1,2,4,5-Tetramethylbenzene	< 2 U	NA
1,4-Dioxane (P-Dioxane)	< 250 U	NA
Benzene	< 0.5 U	NA
Cis-1,2-Dichloroethene	< 2.5 U	NA
Ethylbenzene	< 2.5 U	NA
Isopropylbenzene (Cumene)	< 2.5 U	NA
M,P-Xylene	< 2.5 U	NA
Naphthalene	< 2.5 U	NA
n-Propylbenzene	< 2.5 U	NA
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U	NA
Tetrachloroethene (PCE)	< 0.5 U	NA
Toluene	< 2.5 U	NA
Total Xylenes	0.7 J	NA
Trichloroethene (TCE)	< 0.5 U	NA
Vinyl Chloride	< 1 U	NA
SVOCs		
1,4-Dioxane (P-Dioxane)	NA	0.0896 J
Acenaphthene	< 0.1 U	NA
Benzo(a)anthracene	**0.09 J**	NA
Benzo(a)pyrene	**0.08 J**	NA
Benzo(b)fluoranthene	**0.1 J**	NA
Benzo(k)fluoranthene	< 0.2 U	NA
Chrysene	**0.08 J**	NA
Indeno(1,2,3-cd)pyrene	**0.05 J**	NA
Naphthalene	< 0.2 U	NA
Pentachlorophenol	< 0.8 U	NA
Phenanthrene	0.1 J	NA
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NA	**0.0194 J**
Perfluorooctanoic Acid (PFOA)	NA	**0.0109 J**

Location	C241175_MW46DB
Sample Name	C241175_MW46DB_110317
Sample Date	11/03/2017
VOCs	
1,2,4,5-Tetramethylbenzene	< 2 U
1,4-Dioxane (P-Dioxane)	< 250 U
Benzene	0.33 J
Cis-1,2-Dichloroethene	< 2.5 U
Ethylbenzene	< 2.5 U
Isopropylbenzene (Cumene)	< 2.5 U
M,P-Xylene	< 2.5 U
Naphthalene	< 2.5 U
n-Propylbenzene	< 2.5 U
o-Xylene (1,2-Dimethylbenzene)	< 2.5 U
Tetrachloroethene (PCE)	< 0.5 U
Toluene	< 2.5 U
Total Xylenes	< 2.5 U
Trichloroethene (TCE)	**1**
Vinyl Chloride	< 1 U
SVOCs	
Acenaphthene	0.62
Benzo(a)anthracene	**0.04 J**
Benzo(a)pyrene	< 0.1 U
Benzo(b)fluoranthene	**0.02 J**
Benzo(k)fluoranthene	< 0.1 U
Chrysene	< 0.1 U
Indeno(1,2,3-cd)pyrene	< 0.1 U
Naphthalene	0.21
Pentachlorophenol	< 0.8 U
Phenanthrene	0.24
PCBs	
Total PCBs	< 0.0833 U
Metals - Dissolved	
Antimony	< 4 U
Arsenic	0.76 J
Iron	203
Lead	0.54 J
Magnesium	34,400
Manganese	**11,100**
Mercury	< 0.2 U
Selenium	< 5 U
Sodium	**20,600**
Metals - Total	
Antimony	< 4 U
Arsenic	0.6
Iron	**2,940**
Lead	2.27
Magnesium	34,600
Manganese	**11,200**
Mercury	0.15 J
Selenium	< 5 U
Sodium	**20,100**

Analyte	NYSDEC SGVs
VOCs	
1,2,4,5-Tetramethylbenzene	5
1,4-Dioxane (P-Dioxane)	0.35
Benzene	1
Cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylene	5
Naphthalene	10
n-Propylbenzene	5
o-Xylene (1,2-Dimethylbenzene)	5
Tetrachloroethene (PCE)	5
Toluene	5
Total Xylenes	5
Trichloroethene (TCE)	5
Vinyl Chloride	2
SVOCs	
1,4-Dioxane (P-Dioxane)	0.35
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Pentachlorophenol	1
Phenanthrene	50
PCBs	
Total PCBs	0.09
Metals - Dissolved	
Antimony	3
Arsenic	25
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Selenium	10
Sodium	20000
Metals - Total	
Antimony	3
Arsenic	25
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Selenium	10
Sodium	20000
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

Exceedance Summary:

1B: - Result exceeds NYSDEC SGVs

LEGEND

C241175_LB60/MW60D — GROUNDWATER MONITORING WELL LOCATION AND ID

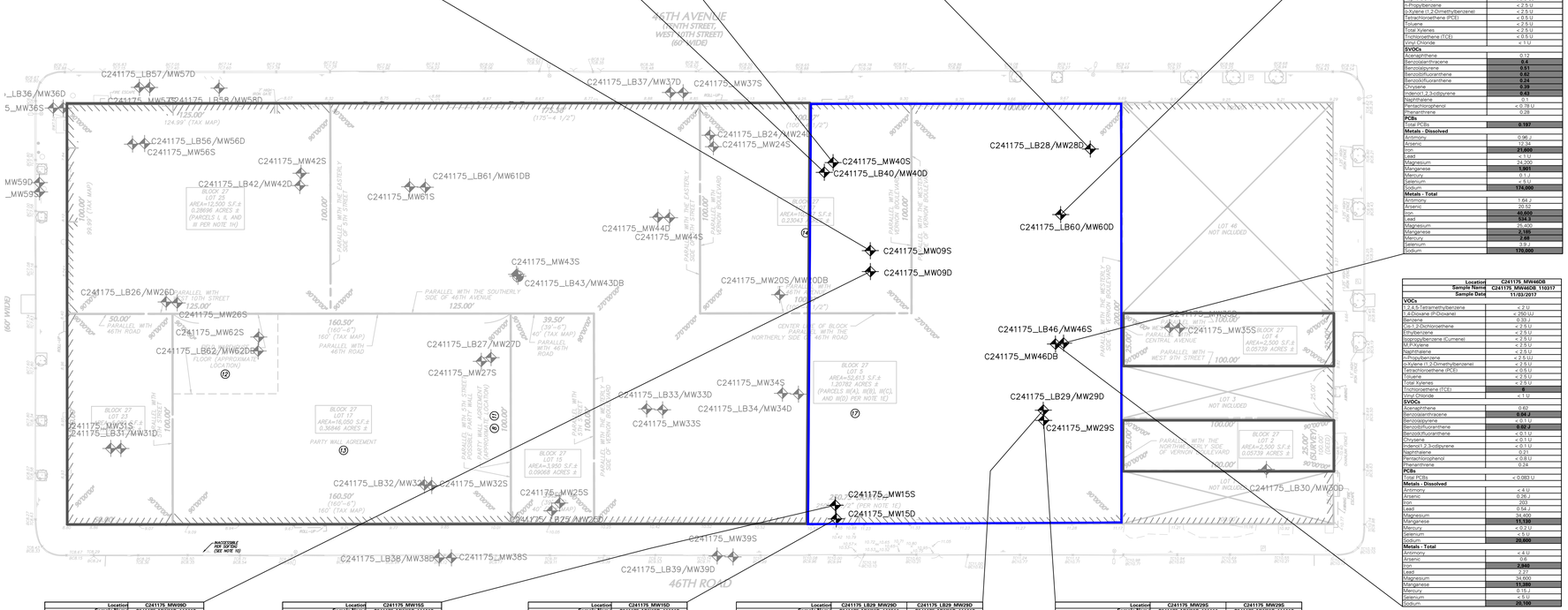
C241175_MW42S — GROUNDWATER MONITORING WELL LOCATION AND ID FOR REVISED BCP SITE C241175

APPROXIMATE PREVIOUS BCP SITE BOUNDARY

APPROXIMATE NEW BCP SITE BOUNDARY

GENERAL NOTES

1. GROUNDWATER ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL & OPERATIONAL GUIDANCE SERIES AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVs) FOR CLASS GA WATER
2. ONLY ANALYTES WITH DETECTIONS ABOVE THE NYSDEC SGVs ARE SHOWN IN THE TABLES.
3. RESULTS ABOVE NYSDEC SGVs ARE SHADED AND BOLDED
4. µg/L = MICROGRAMS PER LITER
5. BASE MAP SOURCE: SURVEY BY LANGAN DATED FEBRUARY 5, 2026
6. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE.
7. ND = NOT DETECTED
8. NE = NO EXCEEDANCE
9. NA = NOT ANALYZED
10. VOC = VOLATILE ORGANIC COMPOUND
11. SVOC = SEMIVOLATILE ORGANIC COMPOUND
12. PCB = POLYCHLORINATED BIPHENYL
13. RI = REMEDIAL INVESTIGATION



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

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Project
BL27 SCA PARCEL
BLOCK No. 27 P/O LOTS No. 5 AND 37
LONG ISLAND CITY
QUEENS NEW YORK

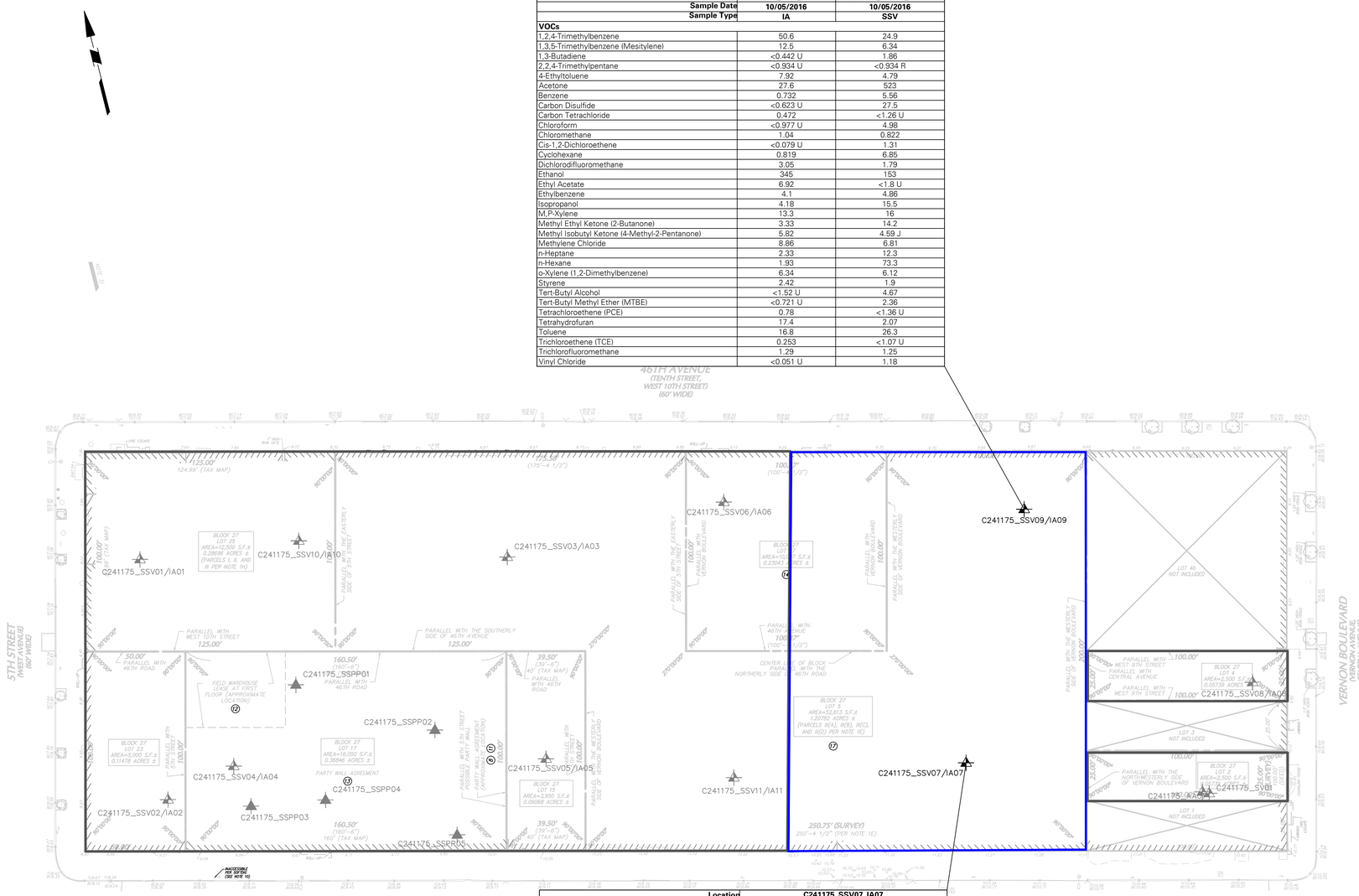
Drawing Title
GROUNDWATER SAMPLING LOCATIONS AND RESULTS MAP

Project No. 170340208
Date 2/5/2026
Drawn By CP
Checked By RL
Figure 3
Sheet 3 of 14

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Location	C241175_SSV09_IA09	
Sample Name	C241175_IA09_100516	C241175_SSV09_100516
Sample Date	10/05/2016	10/05/2016
Sample Type	IA	SSV
VOCs		
1,2,4-Trimethylbenzene	50.6	24.9
1,3,5-Trimethylbenzene (Mesitylene)	12.5	6.34
1,3-Butadiene	<0.442 U	1.86
2,2,4-Trimethylpentane	<0.934 U	<0.934 R
4-Ethyltoluene	7.92	4.79
Acetone	27.6	523
Benzene	0.732	5.56
Carbon Disulfide	<0.623 U	27.5
Carbon Tetrachloride	0.472	<1.26 U
Chloroform	<0.977 U	4.98
Chloromethane	1.04	0.822
Cis-1,2-Dichloroethene	<0.079 U	1.31
Cyclohexane	0.819	6.85
Dichlorodifluoromethane	3.05	1.79
Ethanol	345	153
Ethyl Acetate	6.92	<1.8 U
Ethylbenzene	4.1	4.86
Isopropanol	4.18	15.5
M,P-Xylene	13.3	16
Methyl Ethyl Ketone (2-Butanone)	3.33	14.2
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	5.82	4.59 J
Methylene Chloride	8.86	6.81
n-Heptane	2.33	12.3
n-Hexane	1.93	73.3
o-Xylene (1,2-Dimethylbenzene)	6.34	6.12
Styrene	2.42	1.9
Tert-Butyl Alcohol	<1.52 U	4.67
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	2.36
Tetrachloroethene (PCE)	0.78	<1.36 U
Tetrahydrofuran	17.4	2.07
Toluene	16.8	26.3
Trichloroethene (TCE)	0.253	<1.07 U
Trichlorofluoromethane	1.29	1.25
Vinyl Chloride	<0.051 U	1.18



Location	C241175_SSV07_IA07	
Sample Name	C241175_IA07_100516	C241175_SSV07_100516
Sample Date	10/05/2016	10/05/2016
Sample Type	IA	SSV
VOCs		
1,2,4-Trimethylbenzene	4.69	3.09
1,3,5-Trimethylbenzene (Mesitylene)	1.27	<0.983 U
1,3-Butadiene	<0.442 U	<0.442 U
2,2,4-Trimethylpentane	0.967	<0.934 R
4-Ethyltoluene	1.07	<0.983 U
Acetone	16.3	145
Benzene	0.799	3.99
Carbon Disulfide	<0.623 U	8.66
Carbon Tetrachloride	0.459	<1.26 U
Chloroform	<0.977 U	4.02
Chloromethane	1.02	0.917
Cis-1,2-Dichloroethene	<0.079 U	<0.793 U
Cyclohexane	2.78	6.88
Dichlorodifluoromethane	2.17	2.25
Ethanol	29.8	154
Ethyl Acetate	<1.8 U	<1.8 U
Ethylbenzene	1.51	2.67
Isopropanol	2.68	7.28
M,P-Xylene	4.2	8.51
Methyl Ethyl Ketone (2-Butanone)	2.13	17.7
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	3.29
Methylene Chloride	5.14	5.18
n-Heptane	0.836	8.97
n-Hexane	1.32	61.7
o-Xylene (1,2-Dimethylbenzene)	1.9	3.02
Styrene	3.41	1.52
Tert-Butyl Alcohol	<1.52 U	3.61
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	<0.721 U
Tetrachloroethene (PCE)	0.726	<1.36 U
Tetrahydrofuran	<1.47 U	2.48
Toluene	7.16	19.1
Trichloroethene (TCE)	0.129	<1.07 U
Trichlorofluoromethane	1.28	1.23
Vinyl Chloride	<0.051 U	<0.511 U

LEGEND

C241175_SSV07/IA07 — SUB-SLAB VAPOR POINT LOCATION AND ID

C241175_SSV06/IA06 — SUB-SLAB VAPOR POINT LOCATION AND ID FOR REVISED BCP SITE C241175

APPROXIMATE PREVIOUS BCP SITE BOUNDARY

APPROXIMATE NEW BCP SITE BOUNDARY

GENERAL NOTES

1. CO-LOCATED INDOOR AIR AND SUB-SLAB SOIL VAPOR AND SOIL VAPOR ANALYTICAL RESULTS WERE EVALUATED USING THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) DECISION MATRICES CONTAINED IN THE NYSDOH'S FINAL GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK (OCTOBER 2006) AND IN THE DECISION MATRICES UPDATED IN MAY 2017.
2. INDOOR AIR ANALYTICAL RESULTS ARE COMPARED TO THE NYSDOH AIR GUIDELINE VALUES (AGVs) FOR INDOOR AIR
3. NYS GUIDELINE VALUES ARE PROVIDED BELOW FOR REFERENCE ONLY
4. µg/m³ = MICROGRAM PER CUBIC METER
5. BASE MAP SOURCE: SURVEY BY LANGAN DATED FEBRUARY 5, 2026
6. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPING ARCHITECTURE, D.P.C.
7. VOC = VOLATILE ORGANIC COMPOUND
8. BTEX = BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES
9. ND = NOT DETECTED
10. ~ = NOT APPLICABLE

Analyte	NYSDOH AGVs
VOCs	
1,2,4-Trimethylbenzene	NS
1,3,5-Trimethylbenzene (Mesitylene)	NS
1,3-Butadiene	NS
2,2,4-Trimethylpentane	NS
4-Ethyltoluene	NS
Acetone	NS
Benzene	NS
Carbon Disulfide	NS
Carbon Tetrachloride	NS
Chloroform	NS
Chloromethane	NS
Cis-1,2-Dichloroethene	NS
Cyclohexane	NS
Dichlorodifluoromethane	NS
Ethanol	NS
Ethyl Acetate	NS
Ethylbenzene	NS
Isopropanol	NS
M,P-Xylene	NS
Methyl Ethyl Ketone (2-Butanone)	NS
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS
Methylene Chloride	60
n-Heptane	NS
n-Hexane	NS
o-Xylene (1,2-Dimethylbenzene)	NS
Styrene	NS
Tert-Butyl Alcohol	NS
Tert-Butyl Methyl Ether (MTBE)	NS
Tetrachloroethene (PCE)	30
Tetrahydrofuran	NS
Toluene	NS
Trichloroethene (TCE)	2
Trichlorofluoromethane	NS
Vinyl Chloride	NS

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SCALE: 1 INCH = 30 FEET

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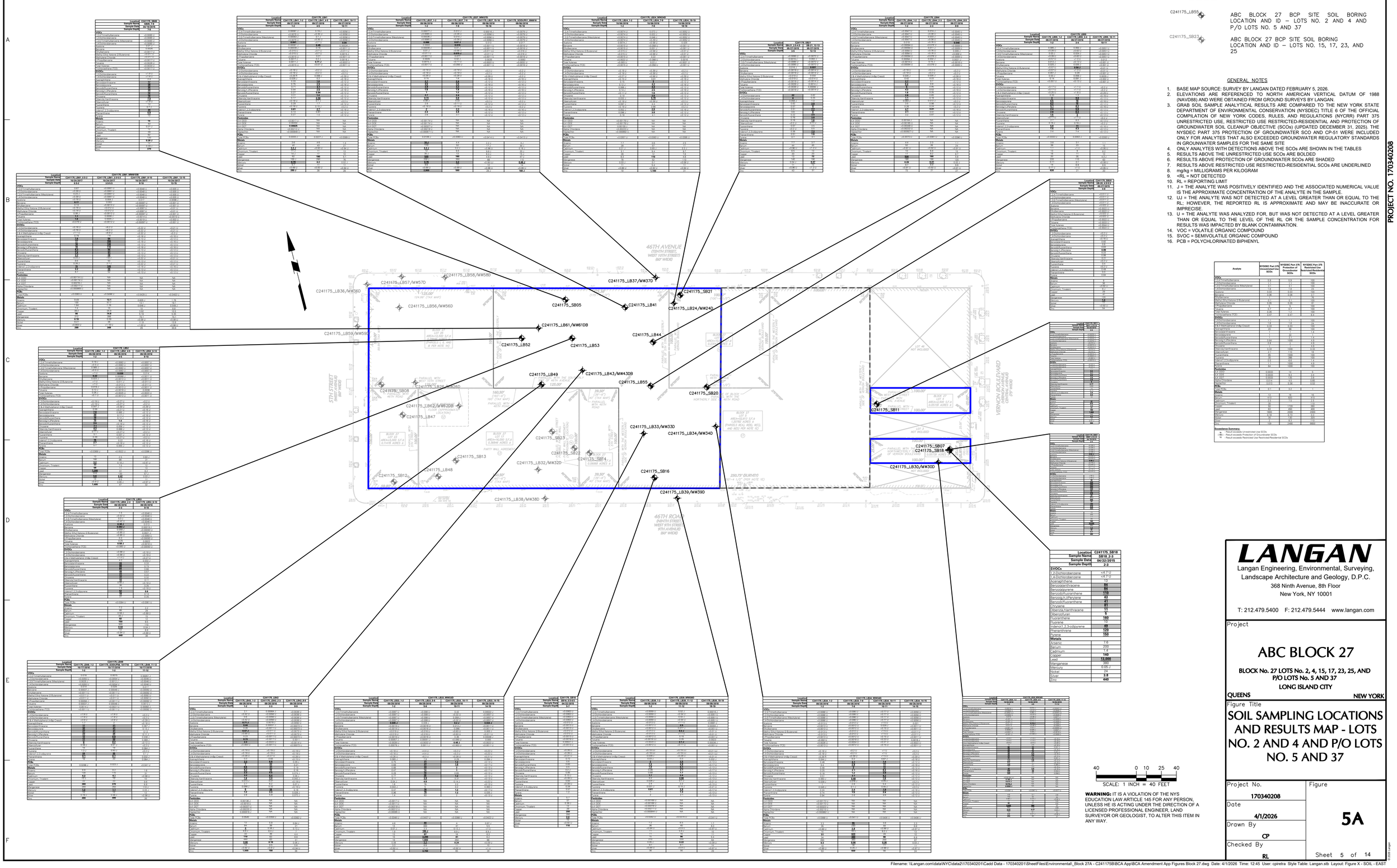
Project
BL27 SCA PARCEL
BLOCK No. 27 P/O LOTS No. 5 AND 37
LONG ISLAND CITY
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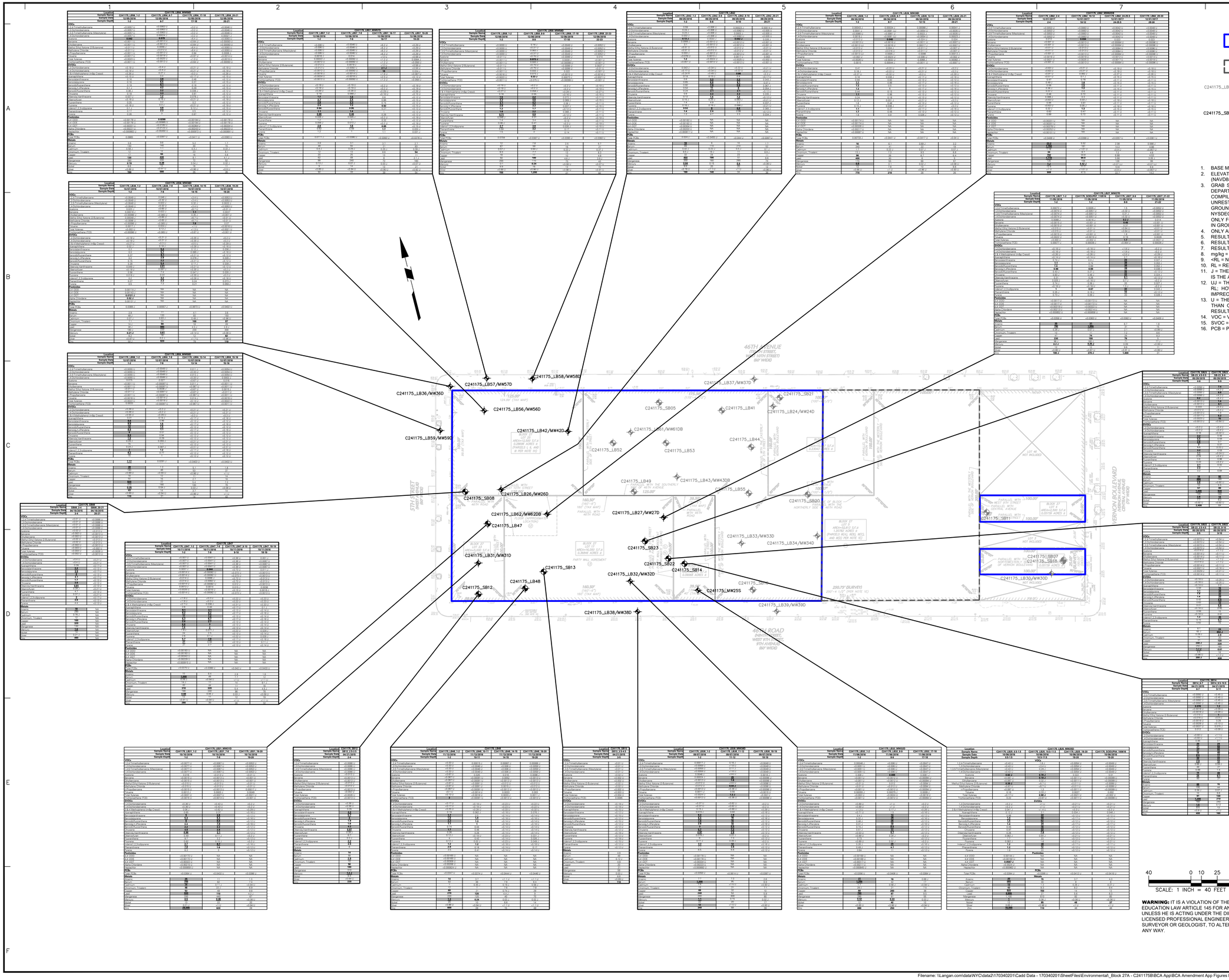
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SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOCATIONS AND RESULTS MAP

Project No. 170340208	Figure 4
Date 2/5/2026	
Drawn By CP	
Checked By RL	Sheet 4 of 14

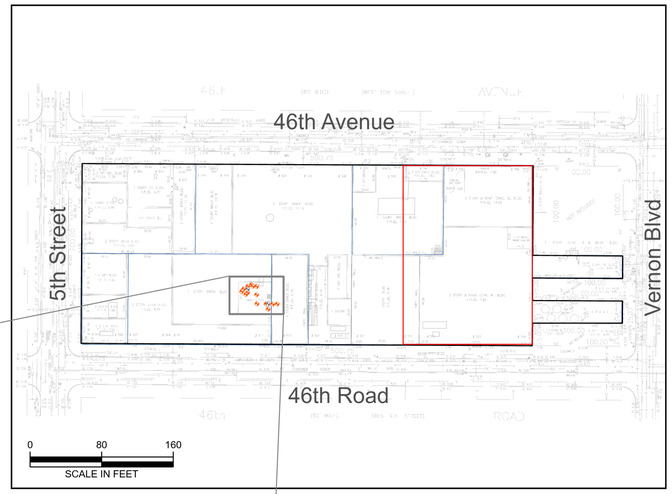
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46TH AVENUE (TENTH STREET, WEST 10TH STREET) (60' WIDE)
57TH STREET (WEST AVENUE 9A' WIDE)
46TH ROAD (NINTH STREET, WEST 9TH STREET, 9TH AVENUE) (60' WIDE)
VERNON BOULEVARD (HUNTERS POINT AVENUE) (80' WIDE)
C241175_LB36/MW36D
C241175_LB57/MW57D
C241175_LB58/MW58D
C241175_LB56/MW56D
C241175_LB59/MW59D
C241175_LB37/MW37D
C241175_SB21
C241175_SB05
C241175_LB41
C241175_LB24/MW24D
C241175_LB61/MW61DB
C241175_LB52
C241175_LB53
C241175_LB44
C241175_LB49
C241175_LB43/MW43DB
C241175_LB55
C241175_SB20
C241175_SB08
C241175_LB62/MW62DB
C241175_LB47
C241175_SB11
C241175_SB23
C241175_SB22
C241175_SB14
C241175_LB33/MW33D
C241175_LB34/MW34D
C241175_LB32/MW32D
C241175_SB13
C241175_LB48
C241175_SB12
C241175_SB16
C241175_LB39/MW39D
C241175_LB38/MW38D
C241175_SB07
C241175_SB18
C241175_LB30/MW30D
PARALLEL WITH 57TH STREET
PARALLEL WITH 46TH ROAD
PARALLEL WITH VERNON BOULEVARD
NORTHERLY SIDE OF 46TH ROAD
PARTY WALL AGREEMENT
BLOCK 27 LOT 1 AREA=19,000 S.F.± (0.4364 ACRES ±)
BLOCK 27 LOT 7 AREA=5,625 S.F.± (0.1291 ACRES ±)
BLOCK 27 LOT 8 AREA=5,625 S.F.± (0.1291 ACRES ±)
BLOCK 27 LOT 9 AREA=5,625 S.F.± (0.1291 ACRES ±)
BLOCK 27 LOT 10 AREA=5,625 S.F.± (0.1291 ACRES ±)
BLOCK 27 LOT

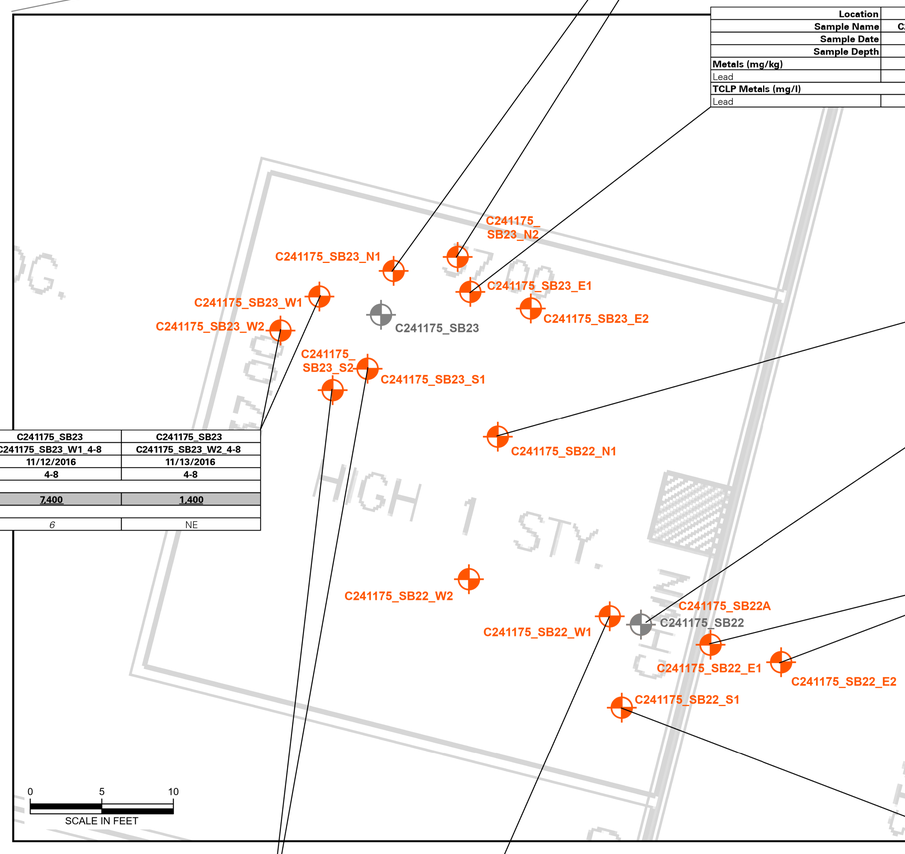

C241175_LB58/MW58D
C241175_LB57/MW57D
C241175_LB36/MW36D
C241175_LB56/MW56D
C241175_LB42/MW42D
C241175_LB59/MW59D
C241175_LB37/MW37D
C241175_SB21
C241175_SB05
C241175_LB41
C241175_LB24/MW24D
C241175_LB1/MW61DB
C241175_LB52
C241175_LB53
C241175_LB44
C241175_LB49
C241175_LB43/MW43DB
C241175_LB55
C241175_SB08
C241175_LB26/MW26D
C241175_LB62/MW62DB
C241175_LB47
C241175_LB27/MW27D
C241175_SB20
C241175_LB33/MW33D
C241175_LB34/MW34D
C241175_SB23
C241175_LB31/MW31D
C241175_SB22
C241175_SB14
C241175_SB13
C241175_LB32/MW32D
C241175_LB48
C241175_SB12
C241175_LB38/MW38D
C241175_SB07
C241175_SB18
C241175_LB30/MW30D
C241175_LB39/MW39D
C241175_LB25S
C241175_SB11
46TH AVENUE (TEMPORARY 10TH STREET) (60' WIDE)
46TH ROAD (TEMPORARY WEST 9TH AVENUE) (60' WIDE)
5TH STREET (WEST 9TH AVENUE) (60' WIDE)
VERNON BOULEVARD (TEMPORARY 9TH WAY) (60' WIDE)
LOT 46 AREA=12,500 S.F.± 0.2869 ACRES ± (TAX MAP) 125.00'
LOT 45 AREA=12,500 S.F.± 0.2869 ACRES ± (TAX MAP) 125.00'
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BLOCK 27 LOT 28 AREA=12,500 S.F.± 0.2869 ACRES ± (TAX MAP) 125.00'
160.50' (1960'-47') (TAX MAP) PARALLEL WITH 46TH ROAD

Location	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
Sample Name	C241175_SB23_N1_0-4	C241175_SB23_N1_4-8	C241175_SB23_N2_4-8	C241175_SODUP09_111316
Sample Date	11/13/2016	11/13/2016	11/13/2016	11/13/2016
Sample Depth	0-4	4-8	4-8	4-8
Metals (mg/kg)				
Lead	**220**	**2,800 J**	**2,200**	**640 J**
TCLP Metals (mg/l)				
Lead	NE	*6.5*	*28*	*6.3*



Location	C241175_SB23	C241175_SB23	C241175_SB23
Sample Name	C241175_SB23_E1_0-4	C241175_SB23_E1_4-8	C241175_SODUP08_111216
Sample Date	11/12/2016	11/12/2016	11/12/2016
Sample Depth	0-4	4-8	4-9
Metals (mg/kg)			
Lead	38	**580 J**	**1,300 J**
TCLP Metals (mg/l)			
Lead	NE	NE	NE

Location	C241175_SB22	C241175_SB22
Sample Name	C241175_SB22_N1_4-8	C241175_SB22_N1_8-12
Sample Date	11/13/2016	11/13/2016
Sample Depth	4-8	8-12
Metals (mg/kg)		
Barium	260	51
TCLP Metals (mg/l)		
Barium	NE	NE



Location	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB22A
Sample Name	C241175_SB22A_4-6	C241175_SB22A_6-8	C241175_SB22A_8-10	C241175_SB22A_10-12
Sample Date	11/12/2016	11/12/2016	11/12/2016	11/12/2016
Sample Depth	4-6	6-8	8-10	10-12
Metals (mg/kg)				
Barium	44	**1,600**	82	23
TCLP Metals (mg/l)				
Barium	NE	NE	NE	NE

Location	C241175_SB22	C241175_SB22	C241175_SB22
Sample Name	C241175_SB22_E1_4-8	C241175_SB22_E1_8-12	C241175_SODUP05_101716
Sample Date	10/17/2016	10/17/2016	10/17/2016
Sample Depth	4-8	8-12	8-12
Metals (mg/kg)			
Barium	140	68 J	110 J
TCLP Metals (mg/l)			
Barium	NE	NE	NE

Location	C241175_SB23	C241175_SB23	C241175_SB23
Sample Name	C241175_SB23_W1_0-4	C241175_SB23_W1_4-8	C241175_SB23_W2_4-8
Sample Date	11/12/2016	11/12/2016	11/13/2016
Sample Depth	0-4	4-8	4-8
Metals (mg/kg)			
Lead	**130**	**7,400**	**1,400**
TCLP Metals (mg/l)			
Lead	NE	*6*	NE

Location	C241175_SB23	C241175_SB23	C241175_SB23
Sample Name	C241175_SB23_S1_0-4	C241175_SB23_S1_4-8	C241175_SB23_S2_4-8
Sample Date	11/12/2016	11/12/2016	11/13/2016
Sample Depth	0-4	4-8	4-8
Metals (mg/kg)			
Lead	**70**	**8,300**	**4,200**
TCLP Metals (mg/l)			
Lead	NE	*41*	*6.8*

Location	C241175_SB22	C241175_SB22
Sample Name	C241175_SB22_W1_4-8	C241175_SB22_W1_8-12
Sample Date	11/12/2016	11/12/2016
Sample Depth	4-8	8-12
Metals (mg/kg)		
Barium	310	150
TCLP Metals (mg/l)		
Barium	NE	NE

Location	C241175_SB22	C241175_SB22
Sample Name	C241175_SB22_S1_4-8	C241175_SB22_S1_8-12
Sample Date	11/13/2016	11/13/2016
Sample Depth	4-8	8-12
Metals (mg/kg)		
Barium	**2,200**	68
TCLP Metals (mg/l)		
Barium	*480*	NE

LEGEND

- C241175_SB23_N1 — HAZARDOUS MATERIALS DELINEATION BORING LOCATION AND ID
- C241175_SB23 — PREVIOUS SOIL BORING LOCATION AND ID (LANGAN APRIL 2015)
- APPROXIMATE PREVIOUS BCP SITE BOUNDARY
- APPROXIMATE TAX LOT BOUNDARY
- APPROXIMATE LOCATION OF HISTORICAL UNDERGROUND STORAGE TANK (UST) OR ABOVEGROUND STORAGE TANK (AST)
- APPROXIMATE BL27 SCA PARCEL BOUNDARY

GENERAL NOTES

1. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE, RESTRICTED USE RESTRICTED-RESIDENTIAL, AND PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs), AND THE NYCRR PART 371 MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC FOR LEAD. THE NYSDEC PART 375 PROTECTION OF GROUNDWATER SCO AND CP-51 WERE INCLUDED ONLY FOR ANALYTES THAT ALSO EXCEEDED GROUNDWATER REGULATORY STANDARDS IN GROUNDWATER SAMPLES FOR THE SAME SITE.
2. RESULTS ABOVE UNRESTRICTED USE SCOs ARE SHADED.
3. RESULTS ABOVE RESTRICTED USE RESTRICTED-RESIDENTIAL SCOs ARE SHADED.
4. RESULTS ABOVE PROTECTION OF GROUNDWATER SCOs ARE UNDERLINED.
5. RESULTS ABOVE NYCRR PART 371 MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC ARE ITALICIZED.
6. mg/kg = MILLIGRAM PER KILOGRAM.
7. mg/L = MILLIGRAM PER LITER.
8. BASE MAP SOURCE: SURVEY BY ALBERT W. TAY DATED SEPTEMBER 6, 2012.
9. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C.
10. HISTORICAL TANK LOCATIONS ARE APPROXIMATE AND ARE BASED ON AVAILABLE SANBORN MAPS (1898, 1915, AND 1936) AND 2005 PHASE I ESA PREPARED BY FLEMING LEE SHUE, INC.
11. TCLP = TOXICITY CHARACTERISTIC LEACHING PROCEDURE
12. NE = NO EXCEEDANCE
13. USEPA = UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
14. RCRA = RESOURCE CONSERVATION AND RECOVERY ACT

Exceedance Summary:

- **10** — Result exceeds Unrestricted Use SCOs
- 10 — Result exceeds Protection of Groundwater SCOs
- 10 — Result exceeds Restricted Use Restricted-Residential SCOs
- *10* — Result exceeds the RCRA Maximum Concentration of Contaminants for the Toxicity Characteristics

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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

Project

ABC - BLOCK 27

BLOCK No. 27, LOT No. 2, 4, 5, 15, 17, 23, 25, 37
LONG ISLAND CITY

QUEENS NEW YORK

Figure Title

HAZARDOUS LEAD AND BARIUM MATERIAL DELINEATION BORING LOCATIONS AND RESULTS MAP - LOTS 15 AND 17

Project No. 170340204	Figure 5C
Date 6/2/2022	
Scale AS SHOWN	
Drawn By MG	
Submission Date	Sheet 7 of 14

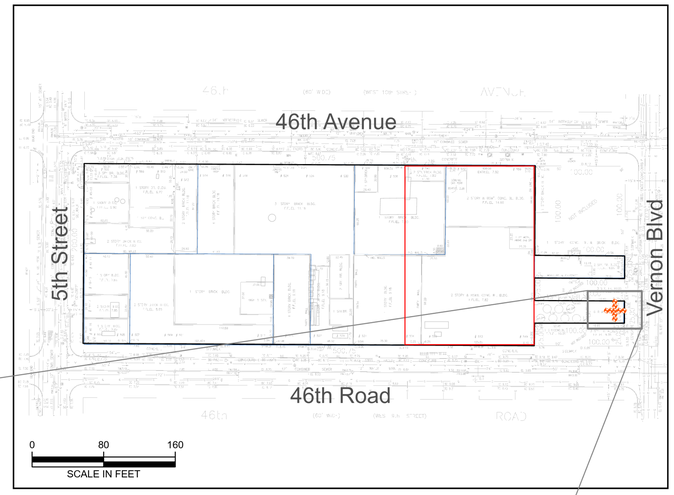
PROJECT No. 170340204

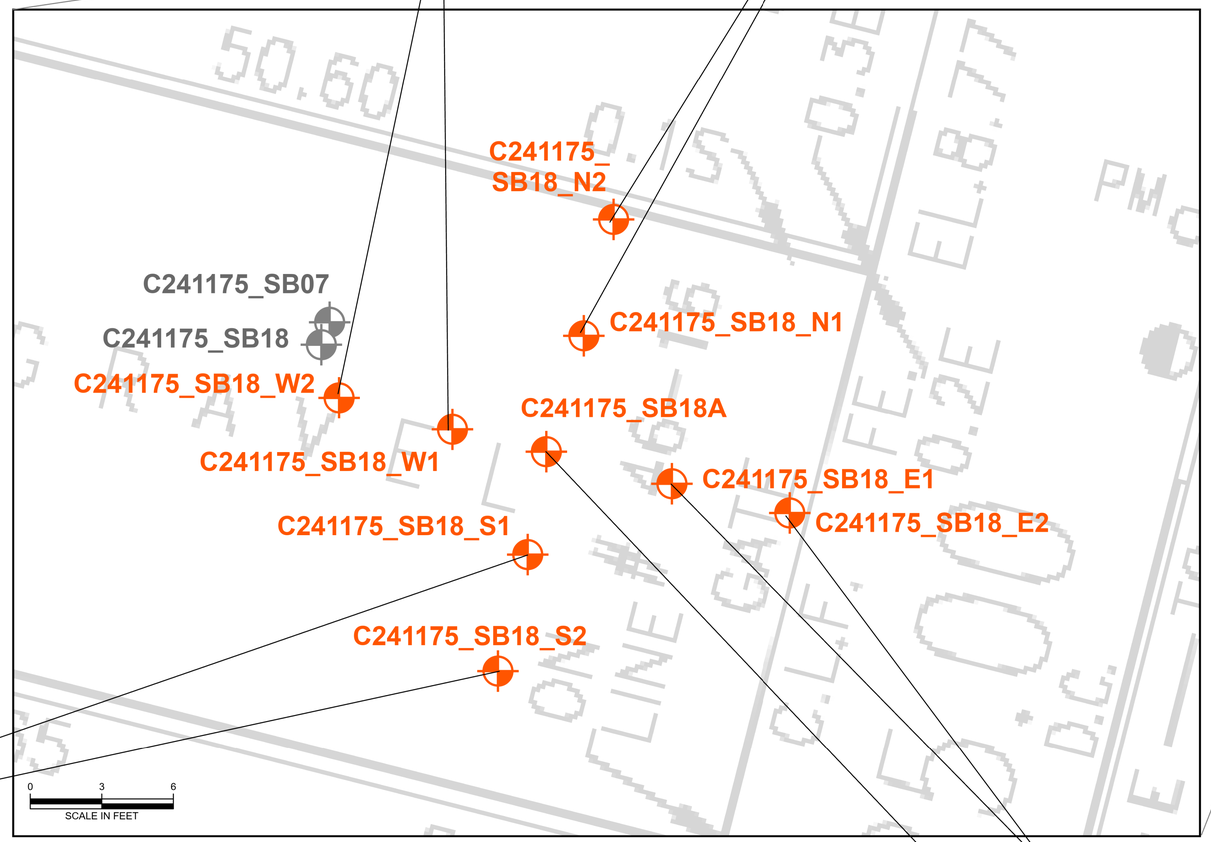
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Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
Sample Name	C241175_SB18_N1_0-4	C241175_SB18_N1_4-8	C241175_SB18_N2_0-4	C241175_SB18_N2_4-8
Sample Date	10/5/2016	10/5/2016	10/5/2016	10/5/2016
Sample Depth	0-4	4-8	0-4	4-8
Metals (mg/kg)				
Lead	**950**	*22*	**2,600**	**1,800**
TCLP Metals (mg/l)				
Lead	*10*	NE	*89*	*23*

Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
Sample Name	C241175_SB18_W1_0-4	C241175_SB18_W1_4-8	C241175_SB18_W2_0-4	C241175_SB18_W2_4-8
Sample Date	10/5/2016	10/5/2016	10/5/2016	10/5/2016
Sample Depth	0-4	4-8	0-4	4-8
Metals (mg/kg)				
Lead	**7,500**	**2,000**	**7,600**	**92**
TCLP Metals (mg/l)				
Lead	*22*	*5.5*	*41*	*13*





Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
Sample Name	C241175_SB18_S1_0-4	C241175_SB18_S1_4-8	C241175_SB18_S2_0-4	C241175_SB18_S2_4-8
Sample Date	10/5/2016	10/5/2016	10/5/2016	10/5/2016
Sample Depth	0-4	4-8	0-4	4-8
Metals (mg/kg)				
Lead	**14,000**	**4,400**	**6,600**	**350**
TCLP Metals (mg/l)				
Lead	*62*	*11*	*72*	*7.8*

Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
Sample Name	C241175_SB18A_0-2	C241175_SB18A_2-4	C241175_SB18A_4-6	C241175_SB18A_6-8
Sample Date	10/5/2016	10/5/2016	10/5/2016	10/5/2016
Sample Depth	0-2	2-4	4-6	6-8
Metals (mg/kg)				
Lead	**1,200 J**	**6,900**	**4,300**	7.1
TCLP Metals (mg/l)				
Lead	*400*	NE	*7.6*	NE

Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
Sample Name	C241175_SB18_E1_0-4	C241175_SB18_E1_4-8	C241175_SB18_E2_0-4	C241175_SB18_E2_4-8
Sample Date	10/5/2016	10/5/2016	10/5/2016	10/5/2016
Sample Depth	0-4	4-8	0-4	4-8
Metals (mg/kg)				
Lead	**6,600**	51	**68**	**2,400**
TCLP Metals (mg/l)				
Lead	*5.6*	NE	NE	NE

LEGEND

- C241175_SB18A — HAZARDOUS MATERIALS DELINEATION BORING LOCATION AND ID
- C241175_SB18 — PREVIOUS SOIL BORING LOCATION AND ID (LANGAN APRIL 2015)
- APPROXIMATE PREVIOUS BCP SITE BOUNDARY
- APPROXIMATE TAX LOT BOUNDARY
- APPROXIMATE LOCATION OF HISTORICAL UNDERGROUND STORAGE TANK (UST) OR ABOVEGROUND STORAGE TANK (AST)
- APPROXIMATE BL27 SCA PARCEL BOUNDARY

GENERAL NOTES

1. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE, RESTRICTED USE RESTRICTED-RESIDENTIAL, AND PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES (SCOs), AND THE NYCRR PART 371 MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC FOR LEAD. THE NYSDEC PART 375 PROTECTION OF GROUNDWATER SCO AND CP-51 WERE INCLUDED ONLY FOR ANALYTES THAT ALSO EXCEEDED GROUNDWATER REGULATORY STANDARDS IN GROUNDWATER SAMPLES FOR THE SAME SITE.
2. RESULTS ABOVE UNRESTRICTED USE SCOs ARE SHADED.
3. RESULTS ABOVE RESTRICTED USE RESTRICTED-RESIDENTIAL SCOs ARE SHADED.
4. RESULTS ABOVE PROTECTION OF GROUNDWATER SCOs ARE UNDERLINED.
5. RESULTS ABOVE NYCRR PART 371 MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC ARE ITALICIZED.
6. mg/kg = MILLIGRAM PER KILOGRAM.
7. mg/L = MILLIGRAM PER LITER.
8. BASE MAP SOURCE: SURVEY BY ALBERT W. TAY DATED SEPTEMBER 6, 2012.
9. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C.
10. HISTORICAL TANK LOCATIONS ARE APPROXIMATE AND ARE BASED ON AVAILABLE SANBORN MAPS (1898, 1915, AND 1936) AND 2005 PHASE I ESA PREPARED BY FLEMING LEE SHUE, INC.
11. TCLP = TOXICITY CHARACTERISTIC LEACHING PROCEDURE
12. NE = NO EXCEEDANCE
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ABC - BLOCK 27

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LONG ISLAND CITY

QUEENS NEW YORK

Figure Title

HAZARDOUS LEAD MATERIAL DELINEATION BORING LOCATIONS AND RESULTS MAP - LOT 2

Project No. 170340204	Figure **5D**
Date 6/2/2022	
Scale AS SHOWN	
Drawn By MG	
Submission Date	Sheet 8 of 14

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PROJECT No. 170340204

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Location	C241175_MW61S	C241175_MW61I
Sample Name	C241175_MW61S_110817	C241175_MW61I_090921
Sample Date	11/08/2017	09/09/2021
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 UJ	<250 U
Acetone	<5 U	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	<2.5 U	<2.5 U
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	4.1 J	0.11
Benzo(a)anthracene	**0.94 J**	**0.74**
Benzo(a)pyrene	<0.1 U	**1.4**
Benzo(b)fluoranthene	<0.1 U	**1.5**
Benzo(k)fluoranthene	<0.1 U	**0.49**
Biphenyl (Diphenyl)	<4.1 U	0.06 J
Chrysene	**0.91 J**	**0.92**
Diethyl phthalate	<20 U	<5 U
Fluorene	0.06 J	**0.08**
Indeno(1,2,3-cd)pyrene	<0.1 U	**1.4**
Naphthalene	<0.1 U	<0.1 U
Phenanthrene	0.02 J	0.37 J
Phenol	<20 U	<5 U
Pesticides		
Dieldrin	**0.13 J**	NA
PCBs		
Total PCBs	<0.083 U	NA
Metals - Dissolved		
Antimony	0.62 J	NA
Arsenic	0.56	NA
Barium	153	NA
Beryllium	<0.5 U	NA
Cadmium	0.11 J	NA
Copper	1.1 J	NA
Lead	**5.08**	NA
Mercury	0.2 U	NA
Magnesium	26,900	NA
Manganese	**693**	NA
Mercury	<0.2 U	NA
Nickel	1.69 J	NA
Selenium	<5 U	NA
Sodium	**218,000**	NA
Zinc	349 J	NA
Metals - Total		
Aluminum	<4 U	NA
Arsenic	0.4 J	NA
Barium	138.6	NA
Beryllium	<0.5 U	NA
Cadmium	0.1 J	NA
Copper	2 J	NA
Iron	**4,600 J**	NA
Lead	5.1	NA
Magnesium	26,300	NA
Manganese	**679 J**	NA
Mercury	<0.2 U	NA
Nickel	1.96 J	NA
Selenium	<5 U	NA
Sodium	**206,000**	NA
Zinc	356 J	NA
General Chemistry		
Sulfate (As SO4)	NA	250,000
Sulfide	NA	<100 U

Location	C241175_MW61D	C241175_MW62S
Sample Name	C241175_MW61D_110817	C241175_MW62S_110817
Sample Date	11/08/2017	11/08/2017
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	14	0.6
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	1.8	0.72 J
Toluene	0.7 J	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	0.06 J	NA
Benzo(a)anthracene	**1.2**	**0.24**
Benzo(a)pyrene	**2.4**	**0.23**
Benzo(b)fluoranthene	**3.3**	**0.25**
Benzo(k)fluoranthene	**1.1**	**0.08**
Biphenyl (Diphenyl)	<1.9 U	NA
Chrysene	**2.5**	**0.25**
Diethyl phthalate	<4.8 U	NA
Fluorene	**0.08 J**	NA
Indeno(1,2,3-cd)pyrene	**0.5**	**0.06**
Naphthalene	0.14	NA
Phenanthrene	0.28	NA
Phenol	<4.8 U	NA
PCBs		
Total PCBs	<0.083 U	NA
Metals - Dissolved		
Antimony	<4 U	NA
Arsenic	1.09	NA
Barium	360.6	NA
Beryllium	<0.5 U	NA
Cadmium	<0.2 U	NA
Copper	1.7 J	NA
Iron	**15,100**	NA
Lead	1 U	NA
Magnesium	**60,600**	NA
Manganese	**1,242**	NA
Mercury	<0.2 U	NA
Nickel	4.65	NA
Selenium	<5 U	NA
Sodium	**176,000**	NA
Zinc	32.5 J	NA
Metals - Total		
Aluminum	0.89 J	NA
Arsenic	8.46	NA
Barium	370	NA
Beryllium	0.36 J	NA
Cadmium	1.49	NA
Copper	4.2	NA
Iron	**31,700**	NA
Lead	**110.9**	NA
Magnesium	**66,400**	NA
Manganese	**1,448**	NA
Mercury	0.09 J	NA
Nickel	**1,817**	NA
Selenium	3.12 J	NA
Sodium	**147,000**	NA
Zinc	635.9	NA

Location	C241175_MW44D	C241175_MW44S
Sample Name	C241175_MW44D_110817	C241175_MW44S_110817
Sample Date	11/08/2017	11/08/2017
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	7.8	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	13	3.7 J
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	NA	0.51
Benzo(a)anthracene	**0.98 J**	0.07 J
Benzo(a)pyrene	**0.72**	0.07 J
Benzo(b)fluoranthene	**0.98 J**	0.05 J
Benzo(k)fluoranthene	<0.1 U	<0.1 U
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.1 U	<0.1 U
Diethyl phthalate	<5 U	<5 U
Fluorene	0.15 J	0.11 J
Indeno(1,2,3-cd)pyrene	**0.57**	0.03 J
Naphthalene	0.03 J	0.03 J
Phenanthrene	0.23	0.28
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.083 U	<0.081 U
Metals - Dissolved		
Antimony	<4 U	<4 U
Arsenic	0.36 J	3.98
Barium	178.3	206.4
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	0.42 J	<1 U
Iron	**26,100**	**18,600**
Lead	<1 U	<1 U
Magnesium	**55,400**	**151,000**
Manganese	**7,012**	**1,342**
Mercury	<0.2 U	<0.2 U
Nickel	2.1 J	1.45 J
Selenium	<5 U	<5 U
Sodium	**149,000**	**1,060,000**
Zinc	13.6 J	3.9 J
Metals - Total		
Aluminum	<4 U	0.91 J
Arsenic	0.42 J	**26.52**
Barium	193.9	**1,429**
Beryllium	<0.5 U	1.56
Cadmium	<0.2 U	<0.2 U
Copper	1 J	1 J
Iron	**29,100**	**63,700**
Lead	0.54 J	**1,833**
Magnesium	**51,400**	**142,000**
Manganese	**5,634**	**1,554**
Mercury	<0.2 U	**1.58**
Nickel	2.6 J	14.04
Selenium	<5 U	**10.8**
Sodium	**132,000**	**905,000**
Zinc	42.2 J	923.8

Location	C241175_MW37D	C241175_MW37S
Sample Name	C241175_MW37D_100516	C241175_MW37S_100516
Sample Date	10/05/2016	10/05/2016
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	24	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	6.8	6.6
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	8.8	7.8
Benzo(a)anthracene	<0.1 U	<0.1 U
Benzo(a)pyrene	<0.2 U	<0.2 U
Benzo(b)fluoranthene	<0.2 U	<0.2 U
Benzo(k)fluoranthene	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.1 U	<0.1 U
Diethyl phthalate	<5 U	<5 U
Fluorene	0.16	0.14 J
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U
Naphthalene	0.28	0.29
Phenanthrene	1.3	1.2
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.081 U	<0.083 U
Metals - Dissolved		
Antimony	0.9 J	4 U
Arsenic	6.4	6.3
Barium	206.6	207.4
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	<1 U	<1 U
Iron	**43,200**	**42,800**
Lead	<1 U	<1 U
Magnesium	**53,400**	**49,500**
Manganese	**5,961**	**5,418**
Mercury	<0.2 U	<0.2 U
Nickel	1.7 J	1.6 J
Selenium	<5 U	<5 U
Sodium	**126,000**	**118,000**
Zinc	5.9 J	5.8 J
Metals - Total		
Aluminum	<4 U	<4 U
Arsenic	6.9	5.9
Barium	367.1	346
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	1.1 J	1 J
Iron	**44,900**	**41,500**
Lead	4.4 J	2.4 J
Magnesium	**54,500**	**47,900**
Manganese	**5,615**	**5,231**
Mercury	<0.2 U	<0.2 U
Nickel	4.2 J	3.4 J
Selenium	<5 U	<5 U
Sodium	**135,000**	**116,000**
Zinc	7.2 J	6.3 J

Location	C241175_MW37D	C241175_MW37S
Sample Name	C241175_MW37D_100516	C241175_MW37S_100516
Sample Date	10/05/2016	10/05/2016
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	24	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	6.8	6.6
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	8.8	7.8
Benzo(a)anthracene	<0.1 U	<0.1 U
Benzo(a)pyrene	<0.2 U	<0.2 U
Benzo(b)fluoranthene	<0.2 U	<0.2 U
Benzo(k)fluoranthene	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.1 U	<0.1 U
Diethyl phthalate	<5 U	<5 U
Fluorene	0.16	0.14 J
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U
Naphthalene	0.28	0.29
Phenanthrene	1.3	1.2
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.081 U	<0.083 U
Metals - Dissolved		
Antimony	0.9 J	4 U
Arsenic	6.4	6.3
Barium	206.6	207.4
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	<1 U	<1 U
Iron	**43,200**	**42,800**
Lead	<1 U	<1 U
Magnesium	**53,400**	**49,500**
Manganese	**5,961**	**5,418**
Mercury	<0.2 U	<0.2 U
Nickel	1.7 J	1.6 J
Selenium	<5 U	<5 U
Sodium	**126,000**	**118,000**
Zinc	5.9 J	5.8 J
Metals - Total		
Aluminum	<4 U	<4 U
Arsenic	6.9	5.9
Barium	367.1	346
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	1.1 J	1 J
Iron	**44,900**	**41,500**
Lead	4.4 J	2.4 J
Magnesium	**54,500**	**47,900**
Manganese	**5,615**	**5,231**
Mercury	<0.2 U	<0.2 U
Nickel	4.2 J	3.4 J
Selenium	<5 U	<5 U
Sodium	**135,000**	**116,000**
Zinc	7.2 J	6.3 J

Location	C241175_MW24D	C241175_MW24S
Sample Name	C241175_MW24D_101816	C241175_MW24S_101816
Sample Date	10/18/2016	10/18/2016
VOCs		
1,2,4,5-Tetramethylbenzene	0.74 J	2.4
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	2.2 J	3.2 J
Benzene	0.21 J	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	2.5	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	0.77 J	<2.5 U
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	0.3	2.3
Benzo(a)anthracene	NA	**1.8**
Benzo(a)pyrene	NA	**1.4**
Benzo(b)fluoranthene	NA	**2.4**
Benzo(k)fluoranthene	NA	**0.84**
Biphenyl (Diphenyl)	NA	<2 U
Chrysene	NA	**1.7**
Diethyl phthalate	NA	<5 U
Fluorene	NA	0.06 J
Indeno(1,2,3-cd)pyrene	NA	**1.6**
Naphthalene	NA	0.5
Phenanthrene	NA	0.6
Phenol	NA	<5 U
Pesticides		
Dieldrin	NA	<0.084 U
PCBs		
Total PCBs	NA	<0.083 U
Metals - Dissolved		
Antimony	NA	<4 U
Arsenic	NA	2.2
Barium	NA	805.4
Beryllium	NA	<0.5 U
Cadmium	NA	<0.2 U
Copper	NA	<1 U
Iron	NA	**58,800**
Lead	NA	2.4
Magnesium	NA	**62,000**
Manganese	NA	**4,290**
Mercury	NA	<0.2 U
Nickel	NA	1.6 J
Selenium	NA	<5 U
Sodium	NA	**116,000**
Zinc	NA	7.2 J

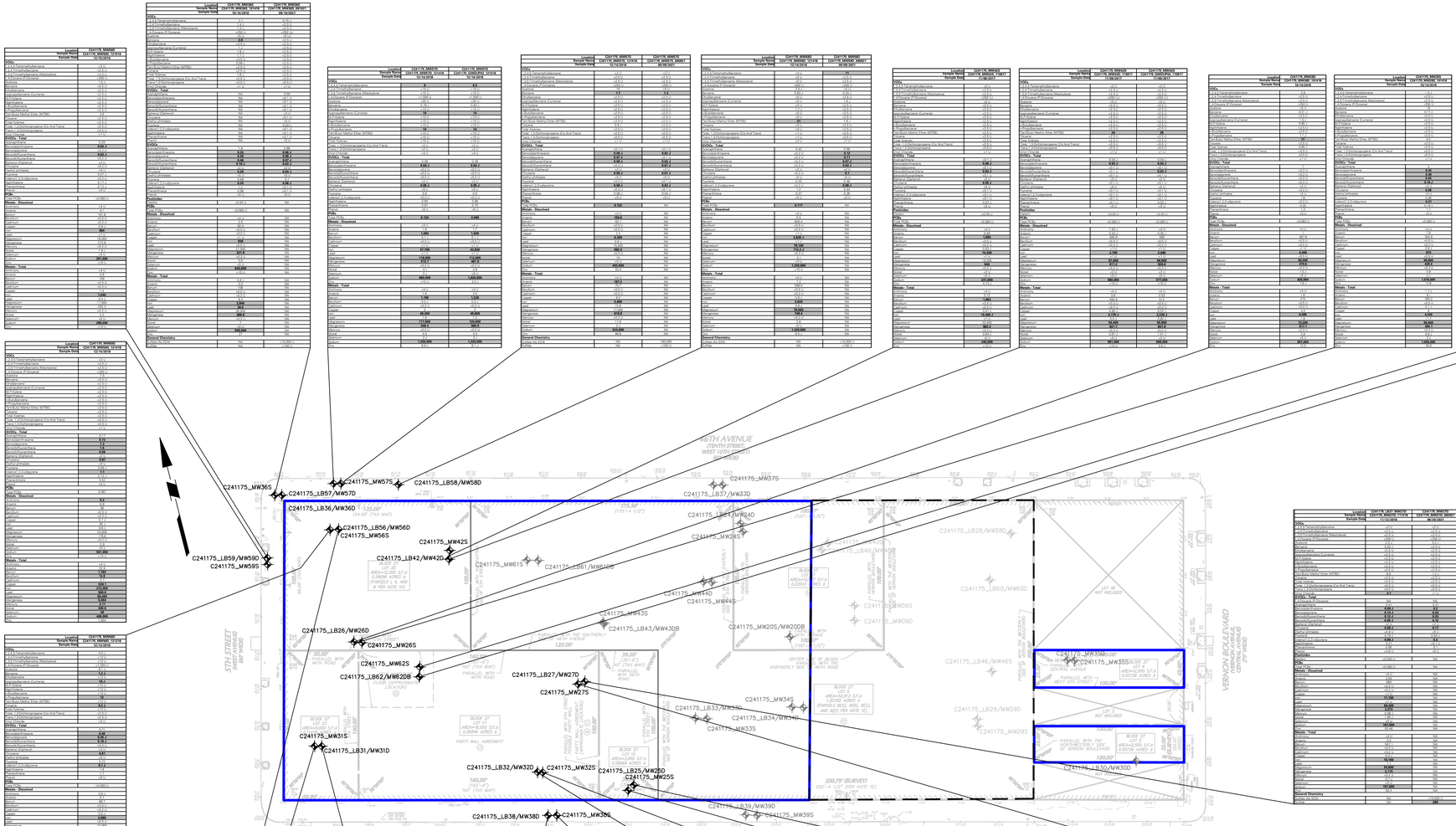
Location	C241175_MW24D	C241175_MW24S
Sample Name	C241175_MW24D_101816	C241175_MW24S_101816
Sample Date	10/18/2016	10/18/2016
VOCs		
1,2,4,5-Tetramethylbenzene	0.74 J	2.4
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	2.2 J	3.2 J
Benzene	0.21 J	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	2.5	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	0.77 J	<2.5 U
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
1,4-Dioxane (P-Dioxane)	NA	2.3
Acenaphthene	NA	**1.8**
Benzo(a)anthracene	NA	**1.4**
Benzo(a)pyrene	NA	**2.4**
Benzo(b)fluoranthene	NA	**0.84**
Benzo(k)fluoranthene	NA	<2 U
Biphenyl (Diphenyl)	NA	**1.7**
Chrysene	NA	<5 U
Diethyl phthalate	NA	0.06 J
Fluorene	NA	**1.6**
Indeno(1,2,3-cd)pyrene	NA	0.5
Naphthalene	NA	0.6
Phenanthrene	NA	<5 U
Phenol	NA	<0.084 U
Pesticides		
Dieldrin	NA	<0.083 U
PCBs		
Total PCBs	NA	<0.083 U
Metals - Dissolved		
Antimony	NA	<4 U
Arsenic	NA	2.2
Barium	NA	805.4
Beryllium	NA	<0.5 U
Cadmium	NA	<0.2 U
Copper	NA	<1 U
Iron	NA	**58,800**
Lead	NA	2.4
Magnesium	NA	**62,000**
Manganese	NA	**4,290**
Mercury	NA	<0.2 U
Nickel	NA	1.6 J
Selenium	NA	<5 U
Sodium	NA	**116,000**
Zinc	NA	7.2 J

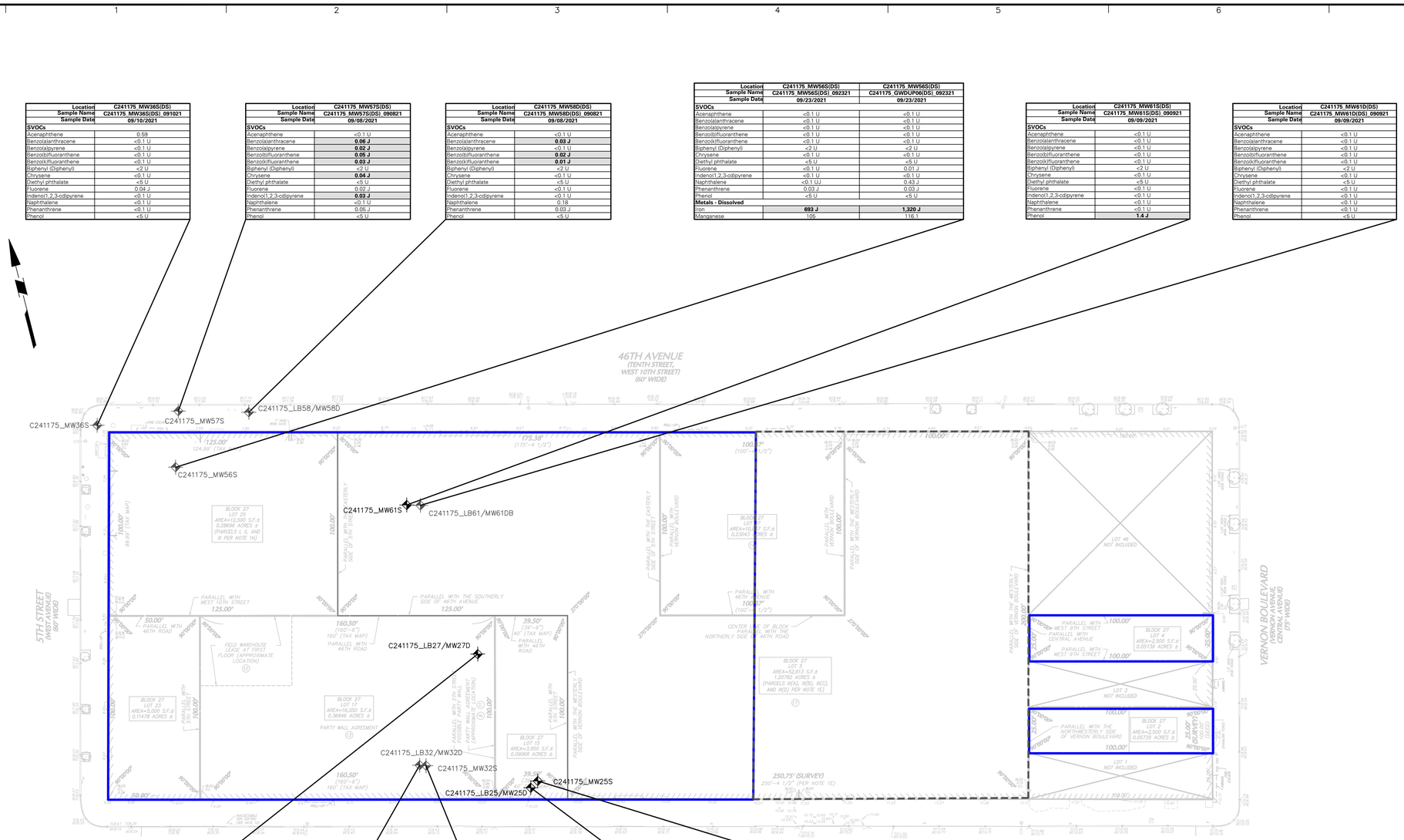
Location	C241175_MW30D	C241175_MW30S
Sample Name	C241175_MW30D_100516	C241175_MW30S_100516
Sample Date	10/05/2016	10/05/2016
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	<5 U	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	<2.5 U	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	6.9	7.2
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	9.8	7.9
Benzo(a)anthracene	<0.1 U	<0.1 U
Benzo(a)pyrene	<0.2 U	<0.2 U
Benzo(b)fluoranthene	<0.2 U	<0.2 U
Benzo(k)fluoranthene	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.1 U	<0.1 U
Diethyl phthalate	<5 U	<5 U
Fluorene	0.17 J	0.14 J
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U
Naphthalene	0.28	0.29
Phenanthrene	1.3	1.2
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.081 U	<0.083 U
Metals - Dissolved		
Antimony	0.9 J	4 U
Arsenic	6.4	6.3
Barium	206.6	207.4
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	<1 U	<1 U
Iron	**43,200**	**42,800**
Lead	<1 U	<1 U
Magnesium	**53,400**	**49,500**
Manganese	**5,961**	**5,418**
Mercury	<0.2 U	<0.2 U
Nickel	1.7 J	1.6 J
Selenium	<5 U	<5 U
Sodium	**126,000**	**118,000**
Zinc	5.9 J	5.8 J
Metals - Total		
Aluminum	<4 U	<4 U
Arsenic	6.9	5.9
Barium	367.1	346
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	1.1 J	1 J
Iron	**44,900**	**41,500**
Lead	4.4 J	2.4 J
Magnesium	**54,500**	**47,900**
Manganese	**5,615**	**5,231**
Mercury	<0.2 U	<0.2 U
Nickel	4.2 J	3.4 J
Selenium	<5 U	<5 U
Sodium	**135,000**	**116,000**
Zinc	7.2 J	6.3 J

Location	C241175_MW20D	C241175_MW20S
Sample Name	C241175_MW20D_110817	C241175_MW20S_110817
Sample Date	11/08/2017	11/08/2017
VOCs		
1,2,4,5-Tetramethylbenzene	**28.2**	<2 U
1,2,4-Trimethylbenzene	<100 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<100 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<10,000 UJ	<250 U
Acetone	<200 U	<5 U
Benzene	<20 U	<0.5 U
Ethylbenzene	<100 U	<2.5 U
Isopropylbenzene (Cumene)	<100 U	<2.5 U
M,P-Xylene	<100 U	<2.5 U
n-Butylbenzene	**3,800 J**	<2.5 U
n-Propylbenzene	<100 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	<100 U	<2.5 U
Toluene	<100 U	<2.5 U
Total Xylenes	<100 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<100 U	<0.5 U
Trans-1,3-Dichloropropene	<20 U	<0.5 U
Vinyl Chloride	<100 U	<1 U
SVOCs - Total		
Acenaphthene	**220**	0.79
Benzo(a)anthracene	**2.3**	**0.17 J**
Benzo(a)pyrene	**2.1**	**0.17 J**
Benzo(b)fluoranthene	**1.8**	**0.22**
Benzo(k)fluoranthene	**0.69 J**	**0.07 J**
Biphenyl (Diphenyl)	**41**	<2 U
Chrysene	**1.7**	**0.17 J**
Diethyl phthalate	**<5 U**	<5 U
Fluorene	**170**	0.49
Indeno(1,2,3-cd)pyrene	**1.7**	**0.07 J**
Naphthalene	**2,800**	0.29
Phenanthrene	**190**	0.47 J
Phenol	**4.1 J**	<5 U
Metals - Dissolved		
Antimony	0.8 J	<4 U
Arsenic	7.65	6.37
Barium	61.87	80.4
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	0.2 J
Copper	<1 U	5.7
Iron	**870**	4.6 J
Lead	0.89 J	6.66
Magnesium	26,600	16,700
Manganese	66.99	1.1
Mercury	<0.2 U	<0.2 U
Nickel	1.9 J	3.9
Selenium	<5 U	<5 U
Sodium	**361,000**	**19,000**
Zinc	15.48	3.5 J
Metals - Total		
Aluminum	2.05 J	0.91 J
Arsenic	**52.9**	6.54
Barium	605.1	82.1
Beryllium	**3.02**	0.36 J
Cadmium	**2.07**	0.2 J
Copper	**319.6**	5.8
Iron	**1,600**	**1,267**
Lead	**1,267**	6.42
Magnesium	**166,000**	**16,900**
Manganese	**6,342**	1.1
Mercury	**2.78**	<0.2 U
Nickel	**160.8**	3.9
Selenium	**25.1**	<5 U
Sodium	**314,000**	**19,000**
Zinc	1,974	3.5 J

Location	C241175_MW30D	C241175_MW30S
Sample Name	C241175_MW30D_101416	C241175_MW30S_101416
Sample Date	10/14/2016	10/14/2016
VOCs		
1,2,4,5-Tetramethylbenzene	<2 U	<2 U
1,2,4-Trimethylbenzene	<2.5 U	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<2.5 U	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	<5 U	<5 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	<2.5 U	<2.5 U
M,P-Xylene	<2.5 U	<2.5 U
Naphthalene	0.92 J	<2.5 U
n-Butylbenzene	<2.5 U	<2.5 U
n-Propylbenzene	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	1.8 J	<2.5 U
Toluene	<2.5 U	<2.5 U
Total Xylenes	<2.5 U	**10.2**
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	0.79	**11.7**
Benzo(a)anthracene	<0.2 U	**0.5 J**
Benzo(a)pyrene	<0.2 U	**0.5 J**
Benzo(b)fluoranthene	<0.2 U	**0.7 J**
Benzo(k)fluoranthene	<0.2 U	**0.24 J**
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.2 U	**0.72 J**
Diethyl phthalate	<5 U	<5 U
Fluorene	0.49	**1.1**
Indeno(1,2,3-cd)pyrene	<0.2 U	**0.27 J**
Naphthalene	0.29	<2 U
Phenanthrene	0.47 J	**3.1**
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.083 U	<0.083 U
Metals - Dissolved		
Antimony	0.9 J	4 U
Arsenic	52.9	6.54
Barium	605.1	82.1
Beryllium	**3.02**	0.36 J
Cadmium	**2.07**	0.2 J
Copper	**319.6**	5.8
Iron	**1,600**	**1,267**
Lead	**1,267**	6.42
Magnesium	**166,000**	**16,900**
Manganese	**6,342**	1.1
Mercury	**2.78**	<0.2 U
Nickel	**160.8**	3.9
Selenium	**25.1**	<5 U
Sodium	**314,000**	**19,000**
Zinc	1,974	3.5 J

Location	C241175_MW35S	C241175_MW35D
Sample Name	C241175_MW35S_101816	C241175_MW35D_101816
Sample Date	10/18/2016	10/18/2016
VOCs		
1,2,4,5-Tetramethylbenzene	**11**	<2 U
1,2,4-Trimethylbenzene	**9.9**	<2.5 U
1,3,5-Trimethylbenzene (Mesitylene)	**3.5**	<2.5 U
1,4-Dioxane (P-Dioxane)	<250 U	<250 U
Acetone	<5 U	<5 U
Benzene	**2.6**	<0.5 U
Ethylbenzene	**1.5**	<2.5 U
Isopropylbenzene (Cumene)	**1.3**	<2.5 U
M,P-Xylene	**3.8**	<2.5 U
Naphthalene	**2.5 J**	<2.5 U
n-Butylbenzene	**1.3**	<2.5 U
n-Propylbenzene	**2.6**	<2.5 U
Tert-Butyl Methyl Ether (MTBE)	<2.5 U	<2.5 U
Toluene	**1.2**	<2.5 U
Total Xylenes	**13.7**	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	<0.5 U	<0.5 U
Vinyl Chloride	<1 U	<1 U
SVOCs - Total		
Acenaphthene	0.79	**17.7**
Benzo(a)anthracene	**<0.2 U**	**0.2 J**
Benzo(a)pyrene	**0.2 J**	**0.2 J**
Benzo(b)fluoranthene	**0.3 J**	**0.3 J**
Benzo(k)fluoranthene	**0.09 J**	**0.1 J**
Biphenyl (Diphenyl)	<2 U	**2.1**
Chrysene	**0.2 J**	**0.2 J**
Diethyl phthalate	<5 U	<5 U
Fluorene	0.06 J	**1.6**
Indeno(1,2,3-cd)pyrene	<0.2 U	<0.2 U
Naphthalene	<0.2 U	**0.2 J**
Phenanthrene	0.17 J	**2.1**
Phenol	<5 U	<5 U
PCBs		
Total PCBs	<0.083 U	<0.083 U
Metals - Dissolved		
Antimony	<4 U	<4 U
Arsenic	8.21	3.1
Barium	83.74	41.1
Beryllium	<0.5 U	<0.5 U
Cadmium	<0.2 U	<0.2 U
Copper	<1 U	<1 U
Iron	**14,900**	**1,240**
Lead	<1 U	<1 U
Magnesium	**31,500**	**15,900**
Manganese	**2,662**	79.2
Mercury	<0.2 U	<0.2 U
Nickel	2.9 J	2.1 J
Selenium


C241175_MW36S
C241175_LB57/MW57D
C241175_MW57S
C241175_LB58/MW58D
C241175_LB36/MW36D
C241175_LB56/MW56D
C241175_MW56S
C241175_MW42S
C241175_LB42/MW42D
C241175_LB59/MW59D
C241175_MW59S
C241175_LB26/MW26D
C241175_MW26S
C241175_MW62S
C241175_LB62/MW62DB
C241175_LB27/MW27D
C241175_MW27S
C241175_MW31S
C241175_LB31/MW31D
C241175_LB32/MW32D
C241175_MW32S
C241175_LB25/MW25D
C241175_MW25S
C241175_LB38/MW38D
C241175_MW38S
C241175_LB39/MW39D
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C241175_LB37/MW37D
C241175_LB43/MW43D
C241175_MW24D
C241175_MW29S
C241175_MW61S
C241175_LB61/MW61BG
C241175_MW44D
C241175_MW44S
C241175_MW43S
C241175_LB43/MW43DB
C241175_MW20S/MW20DB
C241175_MW34S
C241175_LB33/MW33D
C241175_LB34/MW34D
C241175_MW33S
C241175_LB28/MW28D
C241175_LB40/MW40D
C241175_LB60/MW60D
C241175_MW09S
C241175_MW09D
C241175_LB46/MW46S
C241175_MW35S
C241175_MW35D
C241175_LB29/MW29D
C241175_MW29S
C241175_LB30/MW30D
C241175_MW30S
C241175_MW30D
65TH AVENUE (DEVIN STREET - WEST 10TH STREET) (60' WIDE)
5TH STREET (WEST AVENUE) (66' WIDE)
ASTER ROAD (HENRY STREET - 9TH AVENUE) (80' WIDE)
VERNON BOULEVARD (VERNON AVENUE - JACKSON AVENUE) (70' WIDE)
LOT 37 BLOCK 27 AREA=2,500 S.F.± 0.0574± ACRES ±
LOT 38 NOT INCLUDED
LOT 1 NOT INCLUDED
LOT 2 NOT INCLUDED
BLOCK 27 LOT 37 AREA=2,500 S.F.± 0.0574± ACRES ±
BLOCK 27 LOT 1 AREA=2,500 S.F.± 0.0574± ACRES ±
BLOCK 27 LOT 2 AREA=2,500 S.F.± 0.0574± ACRES ±
BLOCK 37 LOT 40 AREA=10,000 S.F.± 0.2296± ACRES ±
BLOCK 37 LOT 43 AREA=10,000 S.F.± 0.2296± ACRES ±
BLOCK 37 LOT 44 AREA=10,000 S.F.± 0.2296± ACRES ±
BLOCK 37 LOT 45 AREA=10,000 S.F.± 0.2296± ACRES ±
BLOCK 37 LOT 46 AREA=10,000 S.F.± 0.2296± ACRES ±
BLOCK 37 LOT



Location	C241175_MW36S(DS)
Sample Name	C241175_MW36S(DS)_091021
Sample Date	09/10/2021
SVOCs	
Acenaphthene	0.59
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	0.04 J
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	<5 U

Location	C241175_MW57S(DS)
Sample Name	C241175_MW57S(DS)_090821
Sample Date	09/08/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	**0.06 J**
Benzo(a)pyrene	**0.02 J**
Benzo(b)fluoranthene	**0.05 J**
Benzo(k)fluoranthene	**0.03 J**
Biphenyl (Diphenyl)	<2 U
Chrysene	**0.04 J**
Diethyl phthalate	<5 U
Fluorene	0.02 J
Indeno(1,2,3-cd)pyrene	**0.03 J**
Naphthalene	<0.1 U
Phenanthrene	0.05 J
Phenol	<5 U

Location	C241175_MW58D(DS)
Sample Name	C241175_MW58D(DS)_090821
Sample Date	09/08/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	**0.03 J**
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	**0.02 J**
Benzo(k)fluoranthene	**0.01 J**
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	0.18
Phenanthrene	0.03 J
Phenol	<5 U

Location	C241175_MW56S(DS)	C241175_MW56S(DS)
Sample Name	C241175_MW56S(DS)_092321	C241175_GWDUP06(DS)_092321
Sample Date	09/23/2021	09/23/2021
SVOCs		
Acenaphthene	<0.1 U	<0.1 U
Benzo(a)anthracene	<0.1 U	<0.1 U
Benzo(a)pyrene	<0.1 U	<0.1 U
Benzo(b)fluoranthene	<0.1 U	<0.1 U
Benzo(k)fluoranthene	<0.1 U	<0.1 U
Biphenyl (Diphenyl)	<2 U	<2 U
Chrysene	<0.1 U	<0.1 U
Diethyl phthalate	<5 U	<5 U
Fluorene	<0.1 U	0.01 J
Indeno(1,2,3-cd)pyrene	<0.1 U	<0.1 U
Naphthalene	<0.1 UJ	0.43 J
Phenanthrene	0.03 J	0.03 J
Phenol	<5 U	<5 U
Metals - Dissolved		
Iron	**693 J**	**1,320 J**
Manganese	105	116.1

Location	C241175_MW61S(DS)
Sample Name	C241175_MW61S(DS)_090921
Sample Date	09/09/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	**1.4 J**

Location	C241175_MW61D(DS)
Sample Name	C241175_MW61D(DS)_090921
Sample Date	09/09/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	<5 U

Location	C241175_MW27D(DS)
Sample Name	C241175_MW27D(DS)_092021
Sample Date	09/20/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	<5 U

Location	C241175_MW32D(DS)
Sample Name	C241175_MW32D(DS)_092021
Sample Date	09/20/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	<5 U

Location	C241175_MW32S(DS)
Sample Name	C241175_MW32S(DS)_092021
Sample Date	09/20/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	<5 U

Location	C241175_MW25D(DS)
Sample Name	C241175_MW25D(DS)_092221
Sample Date	09/22/2021
SVOCs	
Acenaphthene	<0.1 U
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	<0.1 U
Benzo(k)fluoranthene	<0.1 U
Biphenyl (Diphenyl)	<2 U
Chrysene	<0.1 U
Diethyl phthalate	<5 U
Fluorene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	<0.1 U
Phenanthrene	<0.1 U
Phenol	**1.1 J**

Location	C241175_MW25S(DS)
Sample Name	C241175_MW25S(DS)_092221
Sample Date	09/22/2021
SVOCs	
Acenaphthene	0.08 J
Benzo(a)anthracene	**0.11**
Benzo(a)pyrene	**0.31**
Benzo(b)fluoranthene	**0.35**
Benzo(k)fluoranthene	**0.12**
Biphenyl (Diphenyl)	<2 U
Chrysene	**0.08 J**
Diethyl phthalate	<5 U
Fluorene	0.07 J
Indeno(1,2,3-cd)pyrene	**0.39**
Naphthalene	3.8
Phenanthrene	0.12
Phenol	<5 U

LEGEND

APPROXIMATE ABC BLOCK 27 BCP SITE BOUNDARY

APPROXIMATE BL27 SCA PARCEL BCP SITE BOUNDARY

C241175_LB60/MW60D — ABC BLOCK 27 BCP SITE GROUNDWATER MONITORING WELL LOCATION AND ID

GENERAL NOTES

1. BASE MAP SOURCE: SURVEY BY LANGAN DATED FEBRUARY 5, 2026
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN.
3. GROUNDWATER ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL & OPERATIONAL GUIDANCE SERIES AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVs) FOR CLASS GA WATER
4. ONLY ANALYTES WITH DETECTIONS ABOVE THE NYSDEC SGVs ARE SHOWN IN THE TABLES.
5. RESULTS ABOVE NYSDEC SGVs ARE SHADED AND BOLDED
6. µg/L = MICROGRAMS PER LITER
7. RL = REPORTING LIMIT
8. J = THE ANALYTE WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
9. UJ = THE ANALYTE WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE RL; HOWEVER, THE REPORTED RL IS APPROXIMATE AND MAY BE INACCURATE OR IMPRECISE.
10. U = THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE LEVEL OF THE RL OR THE SAMPLE CONCENTRATION FOR RESULTS WAS IMPACTED BY BLANK CONTAMINATION.
11. SVOC = SEMIVOLATILE ORGANIC COMPOUND

Analyte	NYSDEC SGVs
SVOCs - Dissolved	
1,4-Dioxane (P-Dioxane)	0.35
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Biphenyl (Diphenyl)	5
Chrysene	0.002
Diethyl phthalate	50
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Phenol	1

Exceedance Summary:

19 - Result exceeds NYSDEC SGVs

30 0 15 30

SCALE: 1 INCH = 30 FEET

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Project

ABC BLOCK 27

BLOCK No. 27 LOTS No. 2, 4, 15, 17, 23, 25, AND P/O LOTS No. 5 AND 37
LONG ISLAND CITY

QUEENS NEW YORK

Figure Title

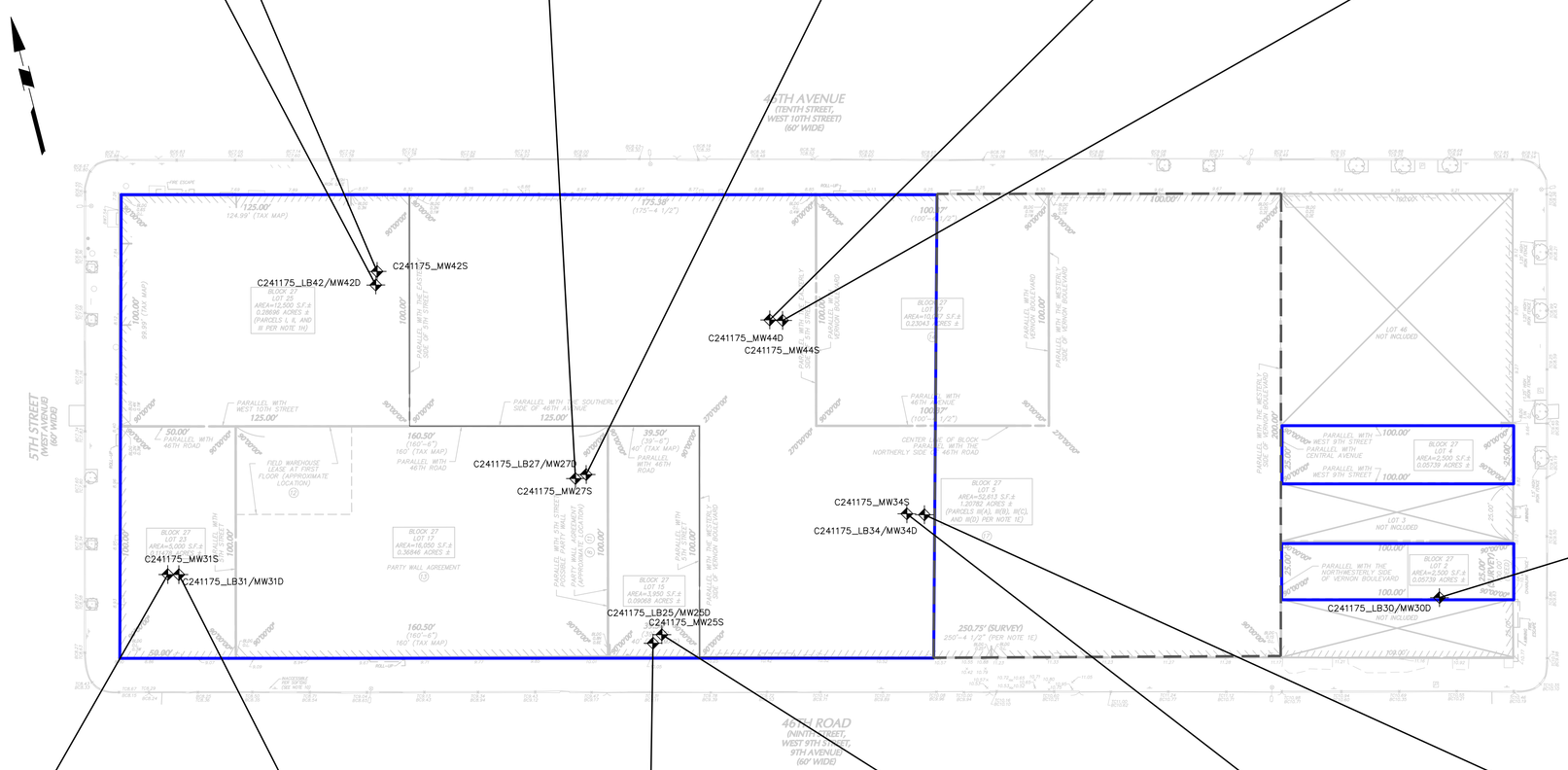
GROUNDWATER SAMPLING LOCATIONS AND RESULTS MAP - DISSOLVED SVOCs

Project No.	Figure
170340208	6C
Date: 4/1/2026	
Drawn By: CP	
Checked By: RL	Sheet 11 of 14

PROJECT NO. 170340208

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Filename: \\Langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 27A - C241175B\BCA Appl\BCA Amendment App Figures Block 27.dwg Date: 4/1/2026 Time: 14:23 User: cpiretra Style Table: Langan.stb Layout: Figure 5 - Groundwater Tag Map Block 27 - Dissolved



	Location	C241175_MW42D
	Sample Name	C241175_MW42D_110917
	Sample Date	11/09/2017
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		**1.03**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0206**
Perfluorooctanoic Acid (PFOA)		**0.0619**

	Location	C241175_MW42S
	Sample Name	C241175_MW42S_110917
	Sample Date	11/09/2017
VOCs		
1,4-Dioxane (P-Dioxane)		<250 UJ
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0179 J**
Perfluorooctanoic Acid (PFOA)		**0.0328 J**

	Location	C241175_MW27S
	Sample Name	C241175_MW27S_022221
	Sample Date	02/22/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		0.216
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0207**
Perfluorooctanoic Acid (PFOA)		**0.0161**

	Location	C241175_MW27D
	Sample Name	C241175_MW27D_022221
	Sample Date	02/22/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		**2.87**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0136**
Perfluorooctanoic Acid (PFOA)		**0.0484**

	Location	C241175_MW44D
	Sample Name	C241175_MW44D_022221
	Sample Date	02/22/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		**0.483**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.00845**
Perfluorooctanoic Acid (PFOA)		**0.0457**

	Location	C241175_MW44S
	Sample Name	C241175_MW44S_022221
	Sample Date	02/22/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		**1.35**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		<0.00183 U
Perfluorooctanoic Acid (PFOA)		**0.0162**

	Location	C241175_MW30D
	Sample Name	C241175_MW30D_031121
	Sample Date	03/11/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		<0.139 U
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0102**
Perfluorooctanoic Acid (PFOA)		**0.0158**

	Location	C241175_MW31S
	Sample Name	C241175_MW31S_061721
	Sample Date	06/17/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		0.303
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.00273**
Perfluorooctanoic Acid (PFOA)		**0.0157**

	Location	C241175_MW31D
	Sample Name	C241175_MW31D_061721
	Sample Date	06/17/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		<0.15 U
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0105**
Perfluorooctanoic Acid (PFOA)		**0.0185**

	Location	C241175_MW25D
	Sample Name	C241175_MW25D_021921
	Sample Date	02/19/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		<0.139 U
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0362**
Perfluorooctanoic Acid (PFOA)		**0.0246**

	Location	C241175_MW25S
	Sample Name	C241175_MW25S_021921
	Sample Date	02/19/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		<0.144 U
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.0168**
Perfluorooctanoic Acid (PFOA)		**0.013**

	Location	C241175_MW34S
	Sample Name	C241175_MW34S_021721
	Sample Date	02/17/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		**0.37**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		<0.0019 U
Perfluorooctanoic Acid (PFOA)		**0.0526**

	Location	C241175_MW34D
	Sample Name	C241175_MW34D_021721
	Sample Date	02/17/2021
SVOCs - Total		
1,4-Dioxane (P-Dioxane)		<0.139 U
PFAS		
Perfluorooctanesulfonic Acid (PFOS)		**0.017**
Perfluorooctanoic Acid (PFOA)		**0.0159**

LEGEND

APPROXIMATE ABC BLOCK 27 BCP SITE BOUNDARY

APPROXIMATE BL27 SCA PARCEL BCP SITE BOUNDARY

C241175_LB60/MW60D — ABC BLOCK 27 BCP SITE GROUNDWATER MONITORING WELL LOCATION AND ID – PFAS AND 1,4–DIOXANE

GENERAL NOTES

1. BASE MAP SOURCE: SURVEY BY LANGAN DATED FEBRUARY 5, 2026
2. ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN.
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11. SVOC = SEMIVOLATILE ORGANIC COMPOUND
12. PFAS = PER– POLYFLUOROALKYL SUBSTANCES

Analyte	NYSDEC SGVs
SVOCs - Total	
1,4-Dioxane (P-Dioxane)	0.35
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

30 0 15 30
SCALE: 1 INCH = 30 FEET

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Project
ABC BLOCK 27
BLOCK No. 27 LOTS No. 2, 4, 15, 17, 23, 25, AND P/O LOTS No. 5 AND 37
LONG ISLAND CITY
QUEENS **NEW YORK**

Figure Title
GROUNDWATER SAMPLING LOCATIONS AND RESULTS MAP - PFAS AND 1,4-DIOXANE

Project No. **170340208**	Figure **6D**
Date **4/2/2026**	
Drawn By **CP**	
Checked By **RL**	Sheet 12 of 14

PROJECT NO. 170340208

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Filename: \\Langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 27A - C241175B\BCA App\BCA Amendment App Figures Block 27 - GW.dwg Date: 4/2/2026 Time: 10:53 User: cpinetra Style Table: Langan.stb Layout: Figure X - Groundwater Tag Map Block 27 - PFAS 1-4diox

Location	C241175_SSV01_IA01	C241175_SSV02_IA02	C241175_SSV03_IA03	C241175_SSV04_IA04
Sample Name	C241175_IA01_101118	C241175_SSV02_101118	C241175_IA03_092020	C241175_IA01_021221
Sample Date	10/12/2018	10/12/2018	09/03/2020	02/12/2021
Sample Type	IA	SSV	IA	IA
VOCs				
1,1,1-Trichloroethane	<0.109 U	<2.73 U	<0.109 U	<0.109 U
1,1,2,2-Tetrachloroethane	<1.37 U	<34.3 U	<1.37 U	<1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<38.3 U	<1.53 U	<1.53 U
1,1,2-Trichloroethane	<1.09 U	<27.3 U	<1.09 U	<1.09 U
1,1-Dichloroethane	<0.809 U	<20.2 U	<0.809 U	<0.809 U
1,1-Dichloroethene	<0.793 U	<19.8 U	<0.793 U	<0.793 U
1,2,4-Trichlorobenzene	<2.22 U	<55.6 U	<2.22 U	<2.22 U
1,2,4-Trimethylbenzene	4.84	<19.5 U	<0.781 U	<0.781 U
1,2-Dibromoethane (EDB)	<0.422 U	<10.6 U	<0.422 U	<0.422 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<0.676 U
1,2-Dichloroethane	<0.809 U	<20.2 U	<0.809 U	<0.809 U
1,2-Dichloropropane	<0.924 U	<23.1 U	<0.924 U	<0.924 U
1,3,5-Trimethylbenzene (Mesitylene)	1.98	<19.5 U	<0.781 U	<0.781 U
1,3-Butadiene	<0.443 U	<11.1 U	<0.443 U	<0.443 U
1,3-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<0.676 U
1,4-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<0.676 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<18.0 U	<0.721 U	<0.721 U
2,2,4-Trimethylpentane	<0.934 U	<23.4 U	<0.934 U	<0.934 U
2-Hexanone (MBK)	<0.820 U	<20.5 U	<0.820 U	<0.820 U
2-Propanol	4.73	<19.5 U	<0.781 U	<0.781 U
4-Ethyltoluene	<0.983 U	<24.6 U	<0.983 U	<0.983 U
Acetone	54	39.6	33.5	9.23
Allyl Chloride (3-Chloropropene)	<0.626 U	<15.6 U	<0.626 U	<0.626 U
Benzene	0.811	0.786	0.484	0.324
Benzyl Chloride	<1.04 U	<26.0 U	<1.04 U	<1.04 U
Bromodichloromethane	<1.34 U	<33.5 U	<1.34 U	<1.34 U
Bromoform	3.71	1.68	<2.07 U	<2.07 U
Bromomethane	<0.777 U	<19.4 U	<0.777 U	<0.777 U
Carbon Disulfide	<0.623 U	<15.6 U	<0.623 U	<0.623 U
Carbon Tetrachloride	<0.955 U	<23.9 U	<0.955 U	<0.955 U
Chlorobenzene	<0.921 U	<23.0 U	<0.921 U	<0.921 U
Chloroethane	<0.528 U	<13.2 U	<0.528 U	<0.528 U
Chloroform	<0.977 U	<24.4 U	<0.977 U	<0.977 U
Chloromethane	1.30	1.01	1.01	0.827
cis-1,2-Dichloroethene	<0.809 U	<20.2 U	<0.809 U	<0.809 U
cis-1,3-Dichloropropene	<0.908 U	<22.7 U	<0.908 U	<0.908 U
Cyclohexane	0.73	<4.83 U	<0.689 U	<0.689 U
Dichlorodifluoromethane	3.04	4.83	3.02	2.98
Ethanol	109	102	78.1	11.5
Ethyl Acetate	1.09	1.80	0.721	0.721
Ethylbenzene	1.36	<11.7 U	<0.869 U	<0.869 U
Hexachloro-1,3-Butadiene	<1.30 U	<32.5 U	<1.30 U	<1.30 U
Isopropanol	9.13	7.38	2.21	1.23
Methyl Ethyl Ketone (2-Butanone)	1.9	<3.69 U	2.56	<2.42 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<51.3 U	<2.05 U	<2.05 U
Methylene Chloride	10.3	8.86	<1.74 U	<1.74 U
Naphthalene	1.15	<13.0 U	<0.869 U	<0.869 U
n-Hexane	1.13	<10.7 U	<0.757 U	<0.757 U
o-Xylene (1,2-Dimethylbenzene)	1.7	<11.7 U	0.903	<0.869 U
Styrene	0.884	<11.5 U	<0.852 U	<0.852 U
tert-Butyl Alcohol	<1.52 U	<3.79 U	<1.52 U	<1.52 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<18.0 U	<0.721 U	<0.721 U
Tetrachloroethene (PCE)	0.757	<13.5 U	0.689	<0.689 U
Tetrahydrofuran	<1.47 U	<3.69 U	<1.47 U	<1.47 U
Toluene	4.16	3.16	2.07	1.13
Trans-1,2-Dichloroethene	<0.793 U	<19.8 U	<0.793 U	<0.793 U
trans-1,3-Dichloropropene	<0.908 U	<22.7 U	<0.908 U	<0.908 U
Trichloroethene (TCE)	<0.197 U	<2.69 U	<0.197 U	<0.197 U
Trichlorofluoromethane	1.01	1.29	<0.961 U	<0.961 U
Vinyl Chloride	<0.651 U	<16.3 U	<0.651 U	<0.651 U

Location	C241175_SSV05_IA05	C241175_SSV06_IA06	C241175_SSV07_IA07	C241175_SSV08_IA08
Sample Name	C241175_IA05_101118	C241175_IA06_101118	C241175_IA07_101118	C241175_IA08_101118
Sample Date	10/12/2018	10/12/2018	10/12/2018	10/12/2018
Sample Type	IA	IA	IA	IA
VOCs				
1,1,1-Trichloroethane	<0.109 U	1.33	10.70	6000
1,1,2,2-Tetrachloroethane	<1.37 U	<27.3 U	<27.3 U	<27.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<30.4 U	<30.4 U	<30.4 U
1,1,2-Trichloroethane	<1.09 U	<21.7 U	<21.7 U	<21.7 U
1,1-Dichloroethane	<0.809 U	9.18	697	697
1,1-Dichloroethene	<0.793 U	18.1	18.1	17.4
1,2,4-Trichlorobenzene	<2.22 U	<44.1 U	<44.1 U	<44.1 U
1,2,4-Trimethylbenzene	<0.781 U	4.84	19.5	19.5
1,2-Dibromoethane (EDB)	<0.422 U	<20.9 U	<20.9 U	<20.9 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U	<16.9 U	<16.9 U
1,2-Dichloroethane	<0.809 U	<16.2 U	<16.2 U	<16.2 U
1,2-Dichloropropane	<0.924 U	<18.5 U	<18.5 U	<18.5 U
1,3,5-Trimethylbenzene (Mesitylene)	0.84	<19.5 U	<19.5 U	<19.5 U
1,3-Butadiene	4.36	<8.76 U	<8.76 U	<8.76 U
1,3-Dichlorobenzene	<1.21 U	<23.9 U	<23.9 U	<23.9 U
1,4-Dichlorobenzene	<1.21 U	<23.9 U	<23.9 U	<23.9 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<14.4 U	<14.4 U	<14.4 U
2,2,4-Trimethylpentane	32.4	<18.5 U	<18.5 U	<18.5 U
2-Hexanone (MBK)	<0.82 U	31.8	81.4	81.4
2-Propanol	9.75	<19.5 U	<19.5 U	<19.5 U
4-Ethyltoluene	4.25	<19.7 U	<19.7 U	<19.7 U
Acetone	1,020	1,020	1,020	1,020
Allyl Chloride (3-Chloropropene)	<0.626 U	<12.5 U	<12.5 U	<12.5 U
Benzene	0.503	0.503	12.5	12.5
Benzyl Chloride	<1.04 U	<20.8 U	<20.8 U	<20.8 U
Bromodichloromethane	<1.34 U	<26.8 U	<26.8 U	<26.8 U
Bromoform	<2.07 U	<41.4 U	<41.4 U	<41.4 U
Bromomethane	<0.777 U	<15.5 U	<15.5 U	<15.5 U
Carbon Disulfide	<0.623 U	12.5	12.5	12.5
Carbon Tetrachloride	0.955	<25.8 U	<25.8 U	<25.8 U
Chlorobenzene	<0.921 U	<18.4 U	<18.4 U	<18.4 U
Chloroethane	<0.528 U	<10.6 U	<10.6 U	<10.6 U
Chloroform	<0.977 U	1.24	1.24	1.24
Chloromethane	1.14	<8.18 U	<8.18 U	<8.18 U
cis-1,2-Dichloroethene	<0.809 U	<16.2 U	<16.2 U	<16.2 U
cis-1,3-Dichloropropene	<0.908 U	<18.1 U	<18.1 U	<18.1 U
Cyclohexane	0.86	<13.8 U	<13.8 U	<13.8 U
Dichlorodifluoromethane	1.98	<19.8 U	<19.8 U	<19.8 U
Ethanol	97.7	<188 U	<188 U	<188 U
Ethyl Acetate	1.24	36.1	36.1	36.1
Ethylbenzene	4.33	<17.4 U	<17.4 U	<17.4 U
Hexachloro-1,3-Butadiene	4.33	<26.0 U	<26.0 U	<26.0 U
Isopropanol	39.7	80.6	80.6	80.6
Methyl Ethyl Ketone (2-Butanone)	6.84	166	166	166
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4.51	<41.0 U	<41.0 U	<41.0 U
Methylene Chloride	2.08	<34.8 U	<34.8 U	<34.8 U
Naphthalene	5.8	<26.0 U	<26.0 U	<26.0 U
n-Hexane	6.66	<14.2 U	<14.2 U	<14.2 U
o-Xylene (1,2-Dimethylbenzene)	13.5	33.8	37.1	37.1
Styrene	2.29	<17.3 U	<17.3 U	<17.3 U
tert-Butyl Alcohol	<1.52 U	<30.4 U	<30.4 U	<30.4 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<14.4 U	<14.4 U	<14.4 U
Tetrachloroethene (PCE)	0.824	<26.5 U	<26.5 U	<26.5 U
Tetrahydrofuran	<1.47 U	<29.4 U	<29.4 U	<29.4 U
Toluene	11.9	11.9	9.64	9.64
Trans-1,2-Dichloroethene	<0.793 U	<15.9 U	<15.9 U	<15.9 U
Trans-1,3-Dichloropropene	<0.908 U	<18.1 U	<18.1 U	<18.1 U
Trichloroethene (TCE)	<0.197 U	<3.94 U	<3.94 U	<3.94 U
Trichlorofluoromethane	1.67	1.53	1.53	1.53
Vinyl Chloride	<0.651 U	<13.0 U	<13.0 U	<13.0 U

Location	C241175_SSPP01_IA01	C241175_SSPP02_IA02	C241175_SSPP03_IA03	C241175_SSPP04_IA04
Sample Name	C241175_IA01_100818	C241175_SSPP02_100818	C241175_IA03_012419	C241175_SSPP04_012419
Sample Date	10/09/2018	10/09/2018	01/24/2019	01/24/2019
Sample Type	IA	SSV	IA	SSV
VOCs				
1,1,1-Trichloroethane	<0.109 U	68	2.12	2.67
1,1,2,2-Tetrachloroethane	<1.37 U	<27.3 U	<1.37 U	<27.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<30.4 U	<1.53 U	<30.4 U
1,1,2-Trichloroethane	<1.09 U	<21.7 U	<1.09 U	<21.7 U
1,1-Dichloroethane	<0.809 U	16	<0.809 U	16
1,1-Dichloroethene	<0.793 U	3.17	<0.793 U	3.17
1,2,4-Trichlorobenzene	<2.22 U	<44.1 U	<2.22 U	<44.1 U
1,2,4-Trimethylbenzene	<0.781 U	<19.5 U	<0.781 U	<19.5 U
1,2-Dibromoethane (EDB)	<0.422 U	<20.9 U	<0.422 U	<20.9 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<16.9 U
1,2-Dichloroethane	<0.809 U	<16.2 U	<0.809 U	<16.2 U
1,2-Dichloropropane	<0.924 U	<18.5 U	<0.924 U	<18.5 U
1,3,5-Trimethylbenzene (Mesitylene)	1.98	<19.5 U	<0.781 U	<19.5 U
1,3-Butadiene	<0.443 U	<8.87 U	<0.443 U	<8.87 U
1,3-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<16.9 U
1,4-Dichlorobenzene	<0.676 U	<16.9 U	<0.676 U	<16.9 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<14.4 U	<0.721 U	<14.4 U
2,2,4-Trimethylpentane	<0.934 U	<23.4 U	<0.934 U	<23.4 U
2-Hexanone (MBK)	<0.820 U	<20.5 U	<0.820 U	<20.5 U
2-Propanol	4.73	<19.5 U	<0.781 U	<19.5 U
4-Ethyltoluene	<0.983 U	<24.6 U	<0.983 U	<24.6 U
Acetone	54	39.6	33.5	9.23
Allyl Chloride (3-Chloropropene)	<0.626 U	<12.5 U	<0.626 U	<12.5 U
Benzene	0.811	0.786	0.484	0.324
Benzyl Chloride	<1.04 U	<20.8 U	<1.04 U	<20.8 U
Bromodichloromethane	<1.34 U	<26.8 U	<1.34 U	<26.8 U
Bromoform	3.71	1.68	<2.07 U	<41.4 U
Bromomethane	<0.777 U	<15.5 U	<0.777 U	<15.5 U
Carbon Disulfide	<0.623 U	12.5	12.5	12.5
Carbon Tetrachloride	<0.955 U	<25.8 U	<25.8 U	<25.8 U
Chlorobenzene	<0.921 U	<18.4 U	<18.4 U	<18.4 U
Chloroethane	<0.528 U	<10.6 U	<10.6 U	<10.6 U
Chloroform	<0.977 U	1.24	1.24	1.24
Chloromethane	1.14	<8.18 U	<8.18 U	<8.18 U
cis-1,2-Dichloroethene	<0.809 U	<16.2 U	<16.2 U	<16.2 U
cis-1,3-Dichloropropene	<0.908 U	<18.1 U	<18.1 U	<18.1 U
Cyclohexane	0.73	<13.8 U	<13.8 U	<13.8 U
Dichlorodifluoromethane	1.98	<19.8 U	<19.8 U	<19.8 U
Ethanol	97.7	<188 U	<188 U	<188 U
Ethyl Acetate	1.24	36.1	36.1	36.1
Ethylbenzene	4.33	<17.4 U	<17.4 U	<17.4 U
Hexachloro-1,3-Butadiene	4.33	<26.0 U	<26.0 U	<26.0 U
Isopropanol	39.7	80.6	80.6	80.6
Methyl Ethyl Ketone (2-Butanone)	6.84	166	166	166
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4.51	<41.0 U	<41.0 U	<41.0 U
Methylene Chloride	2.08	<34.8 U	<34.8 U	<34.8 U
Naphthalene	5.8	<26.0 U	<26.0 U	<26.0 U
n-Hexane	6.66	<14.2 U	<14.2 U	<14.2 U
o-Xylene (1,2-Dimethylbenzene)	13.5	33.8	37.1	37.1
Styrene	2.29	<17.3 U	<17.3 U	<17.3 U
tert-Butyl Alcohol	<1.52 U	<30.4 U	<30.4 U	<30.4 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<14.4 U	<14.4 U	<14.4 U
Tetrachloroethene (PCE)	0.824	<26.5 U	<26.5 U	<26.5 U
Tetrahydrofuran	<1.47 U	<29.4 U	<29.4 U	<29.4 U
Toluene	11.9	11.9	9.64	9.64
Trans-1,2-Dichloroethene	<0.793 U	<15.9 U	<15.9 U	<15.9 U
Trans-1,3-Dichloropropene	<0.908 U	<18.1 U	<18.1 U	<18.1 U
Trichloroethene (TCE)	<0.197 U	<3.94 U	<3.94 U	<3.94 U
Trichlorofluoromethane	1.67	1.53	1.53	1.53
Vinyl Chloride	<0.651 U	<13.0 U	<13.0 U	<13.0 U

Location	C241175_SSPP05_IA05	C241175_SSPP06_IA06	C241175_SSPP07_IA07	C241175_SSPP08_IA08
Sample Name	C241175_IA05_100818	C241175_SSPP06_100818	C241175_IA07_012419	C241175_SSPP07_012419
Sample Date	10/09/2018	10/09/2018	01/24/2019	01/24/2019
Sample Type	IA	SSV	IA	SSV
VOCs				
1,1,1-Trichloroethane	<0.109 U	1.33	10.70	6000
1,1,2,2-Tetrachloroethane	<1.37 U	<27.3 U	<27.3 U	<27.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<30.4 U	<30.4 U	<30.4 U
1,1,2-Trichloroethane	<1.09 U	<21.7 U	<21.7 U	<21.7 U
1,1-Dichloroethane	<0.809 U	9.18	697	697
1,1-Dichloroethene	<0.793 U	18.1	18.1	17.4
1,2,4-Trichlorobenzene	<2.22 U	<44.1 U	<44.1 U	<44.1 U
1,2,4-Trimethylbenzene	4.84	<19.5 U	<19.5 U	<19.5 U
1,2-Dibromoethane (EDB)	<0.422 U	<20.9 U	<20.9 U	<20.9 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U	<16.9 U	<16.9 U
1,2-Dichloroethane	<0.809 U	<16.2 U	<16.2 U	<16.2 U
1,2-Dichloropropane	<0.924 U	<18.5 U	<18.5 U	<18.5 U
1,3,5-Trimethylbenzene (Mesitylene)	0.84	<19.5 U	<19.5 U	<19.5 U
1,3-Butadiene	4.36	<8.76 U	<8.76 U	<8.76 U
1,3-Dichlorobenzene	<1.21 U	<23.9 U	<23.9 U	<23.9 U
1,4-Dichlorobenzene	<1.21 U	<23.9 U	<23.9 U	<23.9 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<14.4 U	<14.4 U	<14.4 U
2,2,4-Trimethylpentane	32.4	<18.5 U	<18.5 U	<18.5 U
2-Hexanone (MBK)	<0.82 U	31.8	81.4	81.4
2-Propanol	9.75	<19.5 U	<19.5 U	<19.5 U
4-Ethyltoluene	4.25	<19.7 U	<19.7 U	<19.7 U
Acetone	1,020	1,020	1,020	1,020
Allyl Chloride (3-Chloropropene)	<0.626 U	<12.5 U	<12.5 U	<12.5 U
Benzene	0.503	0.503	12.5	12.5
Benzyl Chloride	<1.04 U	<20.8 U	<20.8 U	<20.8 U
Bromodichloromethane	<1.34 U	<26.8 U	<26.8 U	<26.8 U
Bromoform	<2.07 U	<41.4 U	<41.4 U	<41.4 U
Bromomethane	<0.777 U	<15.5 U	<15.5 U	<15.5 U
Carbon Disulfide	<0.623 U	12.5	12.5	12.5
Carbon Tetrachloride	0.955	<25.8 U	<25.8 U	<25.8 U
Chlorobenzene	<0.921 U	<18.4 U	<18.4 U	<18.4 U
Chloroethane	<0.528 U	<10.6 U	<10.6 U	<10.6 U
Chloroform	<0.977 U	1.24	1.24	1.24
Chloromethane	1.30	1.01	1.01	0.827
cis-1,2-Dichloroethene	<0.809 U	<16.2 U	<16.2 U	<16.2 U
cis-1,3-Dichloropropene	<0.908 U	<18.1 U	<18.1 U	<18.1 U
Cyclohexane	0.86	<13.8 U	<13.8 U	<13.8 U
Dichlorodifluoromethane	3.04	4.83	3.02	2.98
Ethanol	109	102	78.1	11.5
Ethyl Acetate	1.09	1.80	0.721	0.721
Ethylbenzene	1.36	<11.7 U	<0.869 U	<0.869 U
Hexachloro-1,3-Butadiene	<1.30 U	<32.5 U	<1.30 U	<1.30 U
Isopropanol	9.13	7.38	2.21	1.23
Methyl Ethyl Ketone (2-Butanone)	1.9	<3.69 U	2.56	<2.42 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<51.3 U	<2.05 U	<2.05 U
Methylene Chloride	10.3	8.86	<1.74 U	<1.74 U
Naphthalene	1.15	<13.0 U	<0.869 U	<0.869 U
n-Hexane	1.13	<10.7 U	<0.757 U	<0.757 U
o-Xylene (1,2-Dimethylbenzene)	1.7	<11.7 U	0.903	<0.869 U
Styrene	0.884	<11.5 U	<0.852 U	<0.852 U
tert-Butyl Alcohol	<1.52 U	<3.79 U	<1.52 U	<1.52 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<18.0 U	<0.721 U	<0.721 U
Tetrachloroethene (PCE)	0.757	<13.5 U	0.689	<0.689 U
Tetrahydrofuran	<1.47 U	<3.69 U	<1.47 U	<1.47 U
Toluene	4.16	3.16	2.07	1.13
Trans-1,2-Dichloroethene	<0.793 U	<19.8 U	<0.793 U	<0.793 U
trans-1,3-Dichloropropene	<0.908 U	<22.7 U	<0.908 U	<0.908 U
Trichloroethene (TCE)	<0.197 U	<2.69 U	<0.197 U	<0.197 U
Trichlorofluoromethane	1.01	1.29	<0.961 U	<0.961 U
Vinyl Chloride	<0.651 U	<16.3 U	<0.651 U	<0.651 U

Location	C241175_SSPP08_IA08	C241175_SSVP01_IA01
Sample Name	C241175_IA08_101118	C241175_SSV01_101118
Sample Date	10/12/2018	10/12/2018
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	<1.09 U
1,1,2,2-Tetrachloroethane	<1.37 U	<13.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<15.3 U
1,1,2-Trichloroethane	<1.09 U	<10.9 U
1,1-Dichloroethane	<0.809 U	<8.09 U
1,1-Dichloroethene	<0.793 U	<7.93 U
1,2,4-Trichlorobenzene	<2.22 U	<22.2 U
1,2,4-Trimethylbenzene	1.48	3.79
1,2-Dibromoethane (EDB)	<0.422 U	<4.22 U
1,2-Dichlorobenzene	<0.676 U	<6.76 U
1,2-Dichloroethane	<0.809 U	<8.09 U
1,2-Dichloropropane	<0.924 U	<9.24 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.781 U	<7.81 U
1,3-Butadiene	<0.443 U	<4.43 U
1,3-Dichlorobenzene	<0.676 U	<6.76 U
1,4-Dichlorobenzene	<0.676 U	<6.76 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<7.21 U
2,2,4-Trimethylpentane	<0.934 U	<9.34 U
2-Hexanone (MBK)	<0.820 U	<8.20 U
2-Propanol	2.25	5.41
4-Ethyltoluene	<0.983 U	<9.83 U
Acetone	9.23	11.1
Allyl Chloride (3-Chloropropene)	<0.626 U	<6.26 U
Benzene	0.324	0.649
Benzyl Chloride	<1.04 U	<10.4 U
Bromodichloromethane	<1.34 U	<13.4 U
Bromoform	<2.07 U	<20.7 U
Bromomethane	<0.777 U	<7.77 U
Carbon Disulfide	<0.623 U	<6.23 U
Carbon Tetrachloride	<0.955 U	<9.55 U
Chlorobenzene	<0.921 U	<9.21 U
Chloroethane	<0.528 U	<5.28 U
Chloroform	<0.977 U	<9.77 U
Chloromethane	0.827	1.04
cis-1,2-Dichloroethene	<0.809 U	<8.09 U
cis-1,3-Dichloropropene	<0.908 U	<9.08 U
Cyclohexane	0.69	<6.89 U
Dichlorodifluoromethane	2.98	2.98
Ethanol	11.5	11.5
Ethyl Acetate	0.721	0.721
Ethylbenzene	<0.869 U	<8.69 U
Hexachloro-1,3-Butadiene	<1.30 U	<13.0 U
Isopropanol	1.23	2.21
Methyl Ethyl Ketone (2-Butanone)	<2.42 U	<12.1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<10.3 U
Methylene Chloride	<1.74 U	<8.69 U
Naphthalene	<0.869 U	<8.69 U
n-Hexane	<0.757 U	<7.57 U
o-Xylene (1,2-Dimethylbenzene)	<0.869 U	<8.69 U
Styrene	<0.852 U	<8.52 U
tert-Butyl Alcohol	<1.52 U	<15.2 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<7.21 U
Tetrachloroethene (PCE)	0.689	<6.89 U
Tetrahydrofuran	<1.47 U	<14.7 U
Toluene	1.13	3.39
Trans-1,2-Dichloroethene	<0.793 U	<7.93 U
trans-1,3-Dichloropropene	<0.908 U	<9.08 U
Trichloroethene (TCE)	<0.197 U	<1.97 U
Trichlorofluoromethane	1.29	1.53
Vinyl Chloride	<0.651 U	<6.51 U

Location	C241175_SSVP02_IA02	C241175_SSVP03_IA03
Sample Name	C241175_IA02_100818	C241175_SSPP03_100818
Sample Date	10/09/2018	10/09/2018
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	81.7
1,1,2,2-Tetrachloroethane	<1.37 U	<27.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<30.4 U
1,1,2-Trichloroethane	<1.09 U	<21.7 U
1,1-Dichloroethane	<0.809 U	12.9
1,1-Dichloroethene	<0.793 U	3.17
1,2,4-Trichlorobenzene	<2.22 U	<44.1 U
1,2,4-Trimethylbenzene	<0.781 U	<19.5 U
1,2-Dibromoethane (EDB)	<0.422 U	<20.9 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U
1,2-Dichloroethane	<0.809 U	<16.2 U
1,2-Dichloropropane	<0.924 U	<18.5 U
1,3,5-Trimethylbenzene (Mesitylene)	1.99	<19.5 U
1,3-Butadiene	<0.443 U	<8.87 U
1,3-Dichlorobenzene	<1.21 U	<23.9 U
1,4-Dichlorobenzene	<1.21 U	<23.9 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<14.4 U
2,2,4-Trimethylpentane	<0.934 U	<18.5 U
2-Hexanone (MBK)	<0.820 U	<16.4 U
2-Propanol	4.73	<19.5 U
4-Ethyltoluene	<0.983 U	<19.7 U
Acetone	54	39.6
Allyl Chloride (3-Chloropropene)	<0.626 U	<12.5 U
Benzene	0.811	0.786
Benzyl Chloride	<1.04 U	<20.8 U
Bromodichloromethane	<1.34 U	<26.8 U
Bromoform	3.71	1.68
Bromomethane	<0.777 U	<15.5 U
Carbon Disulfide	<0.623 U	12.5
Carbon Tetrachloride	<0.955 U	<25.8 U
Chlorobenzene	<0.921 U	<18.4 U
Chloroethane	<0.528 U	<10.6 U
Chloroform	<0.977 U	1.24
Chloromethane	1.30	1.01
cis-1,2-Dichloroethene	<0.809 U	<16.2 U
cis-1,3-Dichloropropene	<0.908 U	<18.1 U
Cyclohexane	0.73	<13.8 U
Dichlorodifluoromethane	3.04	4.83
Ethanol	109	102
Ethyl Acetate	1.09	1.80
Ethylbenzene	1.36	<11.7 U
Hexachloro-1,3-Butadiene	<1.30 U	<32.5 U
Isopropanol	9.13	7.38
Methyl Ethyl Ketone (2-Butanone)	1.9	<3.69 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<51.3 U
Methylene Chloride	10.3	8.86
Naphthalene	1.15	<13.0 U
n-Hexane	1.13	<10.7 U
o-Xylene (1,2-Dimethylbenzene)	1.7	<11.7 U
Styrene	0.884	<11.5 U
tert-Butyl Alcohol	<1.52 U	<3.79 U
tert-Butyl Methyl Ether (MTBE)	<0.721 U	<18.0 U
Tetrachloroethene (PCE)	0.757	<13.5 U
Tetrahydrofuran	<1.47 U	<3.69 U
Toluene	4.16	3.16
Trans-1,2-Dichloroethene	<0.793 U	<19.8 U
trans-1,3-Dichloropropene	<0.908 U	<22.7 U
Trichloroethene (TCE)	<0.197 U	<2.69 U
Trichlorofluoromethane	1.01	1.29
Vinyl Chloride	<0.651 U	<16.3 U

Location	C241175_SSVP04_IA04	C241175_SSVP05_IA05
Sample Name	C241175_IA04_100818	C241175_SSPP05_100818
Sample Date	10/09/2018	10/09/2018
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	68
1,1,2,2-Tetrachloroethane	<1.37 U	<27.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<30.4 U
1,1,2-Trichloroethane	<1.09 U	<21.7 U
1,1-Dichloroethane	<0.809 U	16
1,1-Dichloroethene	<0.793 U	3.17
1,2,4-Trichlorobenzene	<2.22 U	<44.1 U
1,2,4-Trimethylbenzene	<0.781 U	<19.5 U
1,2-Dibromoethane (EDB)	<0.422 U	<20.9 U
1,2-Dichlorobenzene	<0.676 U	<16.9 U
1,2-Dichloroethane	<0.809 U	<16.2 U
1,2-Dichloropropane	<0.924 U	<18.5 U
1,3,5-Trimethylbenzene (Mesitylene)	2.26	2.76
1,3-Butadiene	<0.443 U	<8.87 U
1,3-Dichlorobenzene	<1.21 U	<23.9 U
1,4-Dichlorobenzene	<1.21 U	<23.9 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<14.4 U
2,2,4-Trimethylpentane	<0.934 U	<18.5 U
2-Hexanone (MBK)	<0.820 U	<16.4 U
2-Propanol	4.73	<19.5 U
4-Ethyltoluene	<0.983 U	<19.7 U
Acetone	54	39.6
Allyl Chloride (3-Chloropropene)	<0.626 U	<12.5 U
Benzene	0.811	0.786
Benzyl Chloride	<1.04 U	<20.8 U
Bromodichloromethane	<1.34 U	<26.8 U
Bromoform	3.71	1.68
Bromomethane	<0.777 U	<15.5 U
Carbon Disulfide	<0.623 U	12.5
Carbon Tetrachloride	<0.955 U	<25.8 U
Chlorobenzene	<0.921 U	<18.4 U
Chloroethane	<0.528 U	<10.6 U
Chloroform	<0.977 U	1.24
Chloromethane	1.30	1.01
cis-1,2-Dichloroethene	<0.809 U	<16.2 U
cis-1,3-Dichloropropene	<0.908 U	<18.1 U
Cyclohexane	0.73	<13.8 U
Dichlorodifluoromethane	3.04	4.83
Ethanol	109	102
Ethyl Acetate	1.09	1.80
Ethylbenzene	1.36	<11.7 U
Hexachloro-1,3-Butadiene	<1.30 U	<32.5 U
Isopropanol	9.13	7.38
Methyl Ethyl Ketone (2-Butanone)	1.9	<3.69 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<51.3 U
Methylene Chloride	10.3	8.86
Naphthalene	1.15	<13.0 U
n-Hexane	1.13	<10.7 U
o-Xylene (1,2-

Location	C241175_SSV06_IA06		
Sample Name	C241175_IA06_101116	C241175_SSV06_101116	C241175_SVDUP01_101116
Sample Date	10/12/2016	10/12/2016	10/12/2016
Sample Type	IA	SSV	SSV
VOCs			
1,1,1-Trichloroethane	<0.109 U	<1.09 U	<10.9 U
1,1,2,2-Tetrachloroethane	<1.37 U	<1.37 U	<13.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<1.53 U	<15.3 U
1,1,2-Trichloroethane	<1.09 U	<1.09 U	<10.9 U
1,1-Dichloroethane	<0.809 U	<0.809 U	<8.09 U
1,1-Dichloroethene	<0.079 U	<0.792 U	<7.93 U
1,2,4-Trichlorobenzene	<1.48 U	<1.48 U	<14.8 U
1,2,4-Trimethylbenzene	5.11	3.16	<9.83 U
1,2-Dichlorobenzene	<1.2 U	<1.2 U	<12 U
1,2-Dichloroethane	<0.809 U	<0.809 U	<8.09 U
1,2-Dichloropropane	<0.924 U	<0.924 U	<9.24 U
1,2-Dichlorotetrafluoroethane	<1.4 U	<1.4 U	<14 U
1,3,5-Trimethylbenzene (Mesitylene)	2.37	1.33	<9.83 U
1,3-Butadiene	<0.442 U	<0.442 U	<6.42 U
1,3-Dichlorobenzene	<1.2 U	<1.2 U	<12 U
1,4-Dichlorobenzene	<1.2 U	<1.2 U	<12 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<0.721 U	<7.21 U
2,2,4-Trimethylpentane	2.14	1.19	<9.34 U
2-Hexanone (MBK)	<0.82 U	<0.82 U	<8.2 U
4-Ethyltoluene	1.61	<0.983 U	<9.83 U
Acetone	28.3	25.4	36.6
Allyl Chloride (3-Chloropropene)	<0.639 U	<0.626 U	<6.26 U
Benzene	1.34	1.2	<6.39 U
Benzyl Chloride	<1.04 U	<1.04 U	<10.4 U
Bromodichloromethane	<1.34 U	<1.34 U	<13.4 U
Bromomethane	<0.777 U	<0.777 U	<7.77 U
Carbon Disulfide	<0.623 U	<0.623 U	<6.23 U
Carbon Tetrachloride	0.44	<1.26 U	<12.6 U
Chlorobenzene	<0.921 U	<0.921 U	<9.21 U
Chloroethane	<0.528 U	<0.528 U	<5.28 U
Chloroform	<0.977 U	1.14	<9.77 U
Chloromethane	0.979	<0.413 U	<4.13 U
Cis-1,2-Dichloroethene	<0.079 U	<0.792 U	<7.93 U
Cis-1,3-Dichloropropene	<0.908 U	<0.908 U	<9.08 U
Cyclohexane	0.967	<0.688 U	<6.88 U
Dichlorodifluoromethane	1.6	1.94	<9.89 U
Ethanol	58	81.8	6260
Ethyl Acetate	<1.8 U	<1.8 U	23.7
Ethylbenzene	1.58	1.07	<8.69 U
Isopropanol	804	79.9	37.4
M,P-Xylene	5.91	3.94	<17.4 U
Methyl Ethyl Ketone (2-Butanone)	7.08	1.86	<14.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<2.05 U	<20.5 U
Methylene Chloride	3.24	2.15	<17.4 U
n-Heptane	1.73	1.63	<8.2 U
n-Hexane	2.74	2	<7.05 U
o-Xylene (1,2-Dimethylbenzene)	2.28	1.48	<8.69 U
Styrene	1.46	1.43	<8.52 U
Tert-Butyl Alcohol	<1.52 U	<1.52 U	<15.2 U
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	<0.721 U	<7.21 U
Tetrachloroethene (PCE)	0.726	<1.36 U	<13.6 U
Tetrahydrofuran	<1.47 U	<1.47 U	<14.7 U
Toluene	11	8.29	8.52
Trans-1,2-Dichloroethene	<0.793 U	<0.793 U	<7.93 U
Trans-1,3-Dichloropropene	<0.908 U	<0.908 U	<9.08 U
Trichloroethene (TCE)	0.296	<1.07 U	<10.7 U
Trichlorofluoromethane	1.25	1.42	62.9
Vinyl Chloride	<0.051 U	<0.511 U	<5.11 U

Location	C241175_SSV08_IA08					
Sample Name	C241175_IA08_100516	C241175_SSV08_100516	C241175_SSV08_090320	C241175_SSVDUP01_090320	C241175_SSV08_021221	C241175_SSVDUP01_021221
Sample Date	10/05/2016	10/05/2016	09/03/2020	09/03/2020	02/12/2021	02/12/2021
Sample Type	IA	SSV	SSV	SSV	SSV	SSV
VOCs						
1,1,1-Trichloroethane	<0.109 U	<1.09 U	3.45	3.42	<1.09 U	<1.09 U
1,1,2,2-Tetrachloroethane	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U
1,1,2-Trichloroethane	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U
1,1-Dichloroethane	<0.809 U	10.9	1.18	1.13	<0.809 U	<0.809 U
1,1-Dichloroethene	<0.079 U	<0.792 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U
1,2,4-Trichlorobenzene	<1.48 U	<1.48 U	<1.48 U	<1.48 U	<1.48 U	<1.48 U
1,2,4-Trimethylbenzene	89.5	36.7	3.46	3.44	<0.983 U	<0.983 U
1,2-Dichlorobenzene	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,2-Dichloroethane	<0.809 U	<0.809 U	<0.809 U	<0.809 U	<0.809 U	<0.809 U
1,2-Dichloropropane	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U
1,2-Dichlorotetrafluoroethane	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	38.1	11.1	<0.983 U	<0.983 U	<0.983 U	<0.983 U
1,3-Butadiene	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U
1,3-Dichlorobenzene	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,4-Dichlorobenzene	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U
2,2,4-Trimethylpentane	<0.934 U	4.47	<0.934 U	<0.934 U	<0.934 U	<0.934 U
2-Hexanone (MBK)	<0.82 U	49.2	<0.82 U	<0.82 U	<0.82 U	<0.82 U
4-Ethyltoluene	12.1	11.2	<0.983 U	<0.983 U	<0.983 U	<0.983 U
Acetone	12.1	44.9	3.21	3.09	5.11	5.23
Allyl Chloride (3-Chloropropene)	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U
Benzene	0.783	2.92	<0.639 U	<0.639 U	<0.639 U	<0.639 U
Benzyl Chloride	<1.04 U	<1.04 U	<1.04 U	<1.04 U	<1.04 U	<1.04 U
Bromodichloromethane	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U
Bromomethane	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U
Carbon Disulfide	<0.623 U	2.5	3.18	3.15	<0.623 U	<0.623 U
Carbon Tetrachloride	0.453	<1.26 U	<1.26 U	<1.26 U	<1.26 U	<1.26 U
Chlorobenzene	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U
Chloroethane	<0.528 U	<0.528 U	<0.528 U	<0.528 U	<0.528 U	<0.528 U
Chloroform	<0.977 U	3.77	9.28	9.18	1.06	1.08
Chloromethane	0.987	<0.413 U	<0.413 U	<0.413 U	0.694	0.756
Cis-1,2-Dichloroethene	<0.079 U	52.3	73.5	77.2	5	4.9
Cis-1,3-Dichloropropene	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U
Cyclohexane	1.06	3.03	<0.688 U	<0.688 U	<0.688 U	<0.688 U
Dichlorodifluoromethane	2.55	1	1.49	1.31	2.06	2.04
Ethanol	13.1	<9.42 U	<9.42 U	<9.42 U	<9.42 U	10.1
Ethyl Acetate	<1.8 U	<1.8 U	<1.8 U	<1.8 U	<1.8 U	2.2
Ethylbenzene	3.61	21.2	0.908	0.873	<0.869 U	<0.869 U
Isopropanol	2.24	<1.23 R	2.8	2.04	<1.23 U	<1.23 U
M,P-Xylene	29.2	73	1.98	1.88	<1.74 U	<1.74 U
Methyl Ethyl Ketone (2-Butanone)	2	189	<1.47 U	<1.47 U	<1.47 U	<1.47 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U
Methylene Chloride	2.7	2.36	<1.74 U	<1.74 U	<1.74 U	<1.74 U
n-Heptane	1	8.85	<0.82 U	<0.82 U	<0.82 U	<0.82 U
n-Hexane	1.53	4.62	<0.705 U	<0.705 U	<0.705 U	<0.705 U
o-Xylene (1,2-Dimethylbenzene)	15.6	29.6	0.899	<0.869 U	<0.869 U	<0.869 U
Styrene	1.69	10.3	<0.852 U	<0.852 U	<0.852 U	<0.852 U
Tert-Butyl Alcohol	<1.52 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U
Tetrachloroethene (PCE)	1.7	22.5	25.6	25.1	1.74	1.87
Tetrahydrofuran	<1.47 U	3.98	<1.47 U	<1.47 U	<1.47 U	<1.47 U
Toluene	6.39	52.8	1.29	1.27	<0.754 U	<0.809 J
Total Xylenes	NA	NA	2.88 J	1.88 J	<0.869 U	<0.869 U
Trans-1,2-Dichloroethene	<0.793 U	<0.793 U	1.13	1.11	<0.793 U	<0.793 U
Trans-1,3-Dichloropropene	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U
Trichloroethene (TCE)	0.167 J	81.2	289	288	24.1	22.9
Trichlorofluoromethane	1.22	<1.12 U	<1.12 U	<1.12 U	<1.12 U	1.13 J
Vinyl Chloride	<0.051 U	<0.511 U	<0.511 U	<0.511 U	<0.511 U	<0.511 U

Location	C241175_AA04	
Sample Name	C241175_AA04_022221	
Sample Date	02/22/2021	
Sample Type	AA	
VOCs		
1,1,1-Trichloroethane	<1.09 U	
1,1,2,2-Tetrachloroethane	<1.37 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	
1,1,2-Trichloroethane	<1.09 U	
1,1-Dichloroethane	<0.809 U	
1,1-Dichloroethene	<0.793 U	
1,2,4-Trichlorobenzene	<1.48 U	
1,2,4-Trimethylbenzene	<0.983 U	
1,2-Dichlorobenzene	<1.2 U	
1,2-Dichloroethane	<0.809 U	
1,2-Dichloropropane	<0.924 U	
1,2-Dichlorotetrafluoroethane	<1.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	<0.983 U	
1,3-Butadiene	<0.442 U	
1,3-Dichlorobenzene	<1.2 U	
1,4-Dichlorobenzene	<1.2 U	
1,4-Dioxane (P-Dioxane)	<0.721 U	
2,2,4-Trimethylpentane	<0.934 U	
2-Hexanone (MBK)	<0.82 U	
4-Ethyltoluene	<0.983 U	
Acetone	5.23	
Allyl Chloride (3-Chloropropene)	<0.626 U	
Benzene	0.67	
Benzyl Chloride	<1.04 U	
Bromodichloromethane	<1.34 U	
Bromomethane	<0.777 U	
Carbon Disulfide	<0.623 U	
Carbon Tetrachloride	<1.26 U	
Chlorobenzene	<0.921 U	
Chloroethane	<0.528 U	
Chloroform	1.1	
Chloromethane	0.479	
Cis-1,2-Dichloroethene	<0.793 U	
Cis-1,3-Dichloropropene	<0.908 U	
Cyclohexane	0.64	
Dichlorodifluoromethane	1.86	
Ethanol	16.5	
Ethyl Acetate	<1.8 U	
Ethylbenzene	104	
Isopropanol	4.35	
M,P-Xylene	262	
Methyl Ethyl Ketone (2-Butanone)	18	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	8.52	
Methylene Chloride	2.53	
n-Heptane	23.9	
n-Hexane	19.1	
o-Xylene (1,2-Dimethylbenzene)	90.4	
Styrene	<0.852 U	
Tert-Butyl Alcohol	8.58	
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	
Tetrachloroethene (PCE)	3.97	
Tetrahydrofuran	5.01	
Toluene	58	
Total Xylenes	356	
Trans-1,2-Dichloroethene	<0.793 U	
Trans-1,3-Dichloropropene	<0.908 U	
Trichloroethene (TCE)	13.7	
Trichlorofluoromethane	1.88	
Vinyl Chloride	<0.511 U	

Location	C241175_SV02	
Sample Name	C241175_SV02_022221	
Sample Date	02/22/2021	
Sample Type	SV	
VOCs		
1,1,1-Trichloroethane	<1.09 U	
1,1,2,2-Tetrachloroethane	<1.37 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	
1,1,2-Trichloroethane	<1.09 U	
1,1-Dichloroethane	<0.809 U	
1,1-Dichloroethene	<0.793 U	
1,2,4-Trichlorobenzene	<1.48 U	
1,2,4-Trimethylbenzene	19	
1,2-Dichlorobenzene	<1.2 U	
1,2-Dichloroethane	<0.809 U	
1,2-Dichloropropane	<0.924 U	
1,2-Dichlorotetrafluoroethane	<1.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	4.64	
1,3-Butadiene	1.71	
1,3-Dichlorobenzene	<1.2 U	
1,4-Dichlorobenzene	<1.2 U	
1,4-Dioxane (P-Dioxane)	1.02	
2,2,4-Trimethylpentane	7.52	
2-Hexanone (MBK)	<0.82 U	
4-Ethyltoluene	4.85	
Acetone	911	
Allyl Chloride (3-Chloropropene)	<0.626 U	
Benzene	72.5	
Benzyl Chloride	<1.04 U	
Bromodichloromethane	<1.34 U	
Bromomethane	<0.777 U	
Carbon Disulfide	29.1	
Carbon Tetrachloride	<1.26 U	
Chlorobenzene	<0.921 U	
Chloroethane	<0.528 U	
Chloroform	3.91	
Chloromethane	0.479	
Cis-1,2-Dichloroethene	<0.793 U	
Cis-1,3-Dichloropropene	<0.908 U	
Cyclohexane	6.64	
Dichlorodifluoromethane	1.86	
Ethanol	65.8	
Ethyl Acetate	<1.8 U	
Ethylbenzene	104	
Isopropanol	4.35	
M,P-Xylene	262	
Methyl Ethyl Ketone (2-Butanone)	18	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	8.52	
Methylene Chloride	2.53	
n-Heptane	23.9	
n-Hexane	19.1	
o-Xylene (1,2-Dimethylbenzene)	90.4	
Styrene	<0.852 U	
Tert-Butyl Alcohol	8.58	
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	
Tetrachloroethene (PCE)	3.97	
Tetrahydrofuran	5.01	
Toluene	58	
Total Xylenes	356	
Trans-1,2-Dichloroethene	<0.793 U	
Trans-1,3-Dichloropropene	<0.908 U	
Trichloroethene (TCE)	13.7	
Trichlorofluoromethane	1.88	
Vinyl Chloride	<0.511 U	

Location	C241175_SV03	
Sample Name	C241175_SV03_022221	C241175_SVDUP03_022221
Sample Date	02/22/2021	02/22/2021
Sample Type	SV	SV
VOCs		
1,1,1-Trichloroethane	<0.911 U	<4.18 U
1,1,2,2-Tetrachloroethane	<11.5 U	<52.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<12.8 U	<58.8 U
1,1,2-Trichloroethane	<9.11 U	<41.8 U
1,1-Dichloroethane	<6.76 U	<31 U
1,1-Dichloroethene	<0.662 U	<3.04 U
1,2,4-Trichlorobenzene	<12.4 U	<56.9 U
1,2,4-Trimethylbenzene	11.7	<37.7 U
1,2-Dichlorobenzene	<10 U	<46.1 U
1,2-Dichloroethane	<6.76 U	<31 U
1,2-Dichloropropane	<7.72 U	<35.4 U
1,2-Dichlorotetrafluoroethane	<11.7 U	<53.6 U
1,3,5-Trimethylbenzene (Mesitylene)	<8.21 U	<37.7 U
1,3-Butadiene	<3.69 U	<17 U
1,3-Dichlorobenzene	<10 U	<46.1 U
1,4-Dichlorobenzene	<10 U	<46.1 U
1,4-Dioxane (P-Dioxane)	<6.02 U	<27.6 U
2,2,4-Trimethylpentane	<7.8 U	<35.8 U
2-Hexanone (MBK)	<6.84 U	<31.4 U
4-Ethyltoluene	<8.21 U	<37.7 U
Acetone	58.2	139 J
Allyl Chloride (3-Chloropropene)	<5.23 U	<24 U
Benzene	<5.34 U	39.3 J
Benzyl Chloride	<8.65 U	<39.7 U
Bromodichloromethane	<11.2 U	<51.4 U
Bromomethane	<6.48 U	<29.8 U
Carbon Disulfide	<5.19 U	<23.8 U
Carbon Tetrachloride	<1.05 U	<4.82 U
Chlorobenzene	<7.69 U	<35.3 U
Chloroethane	<4.41 U	<20.2 U
Chloroform	<8.16 U	<37.5 U
Chloromethane	<3.45 U	<15.8 U
Cis-1,2-Dichloroethene	<0.662 U	<3.04 U
Cis-1,3-Dichloropropene	<7.58 U	<34.8 U
Cyclohexane	<5.75 U	<26.4 U
Dichlorodifluoromethane	<8.26 U	<37.9 U
Ethanol	<78.6 U	<362 U
Ethyl Acetate	<15 U	<69.2 U
Ethylbenzene	773 J	1140 J
Isopropanol	<10.3 U	<47.2 U
M,P-Xylene	1750 J	2510 J
Methyl Ethyl Ketone (2-Butanone)	12.7	<56.6 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<17.1 U	<78.7 U
Methylene Chloride	<14.5 U	<66.7 U
n-Heptane	214 J	389 J
n-Hexane	15.9	28.1 J
o-Xylene (1,2-Dimethylbenzene)	521	699 J
Styrene	<7.11 U	<32.7 U
Tert-Butyl Alcohol	<12.6 U	<58.2 U
Tert-Butyl Methyl Ether (MTBE)	<6.02 U	<27.7 U
Tetrachloroethene (PCE)	6.93	5.96 J
Tetrahydrofuran	<12.3 U	<56.6 U
Toluene	39.9 J	72.7 J
Total Xylenes	2270 J	3210 J
Trans-1,2-Dichloroethene	<6.60 U	<30.4 U
Trans-1,3-Dichloropropene	<7.58 U	<34.8 U
Trichloroethene (TCE)	<0.897 U	<4.12 U
Trichlorofluoromethane	<9.38 U	<43.1 U
Vinyl Chloride	<0.427 U	<1.96 U

Location	C241175_SSV03_IA03	
Sample Name	C241175_IA03_100516	C241175_SSV03_100516
Sample Date	10/05/2016	10/05/2016
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	0.213	3.73
1,1,2,2-Tetrachloroethane	<1.37 U	<1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<1.53 U
1,1,2-Trichloroethane	<1.09 U	<1.09 U
1,1-Dichloroethane	<0.809 U	<0.809 U
1,1-Dichloroethene	<0.079 U	<0.792 U
1,2,4-Trichlorobenzene	<1.48 U	<1.48 U
1,2,4-Trimethylbenzene	1.72	15.7
1,2-Dichlorobenzene	<1.2 U	<2.4 U
1,2-Dichloroethane	<0.809 U	<1.62 U
1,2-Dichloropropane	<0.924 U	<1.85 U
1,2-Dichlorotetrafluoroethane	<1.4 U	<2.8 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.983 U	5.36
1,3-Butadiene	<0.442 U	2.23
1,3-Dichlorobenzene	<1.2 U	<2.4 U
1,4-Dichlorobenzene	<1.2 U	<2.4 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<1.44 U
2,2,4-Trimethylpentane	1.15	<1.87 R
2-Hexanone (MBK)	<0.82 U	19.6
4-Ethyltoluene	<0.983 U	5.21
Acetone	25.2	224
Allyl Chloride (3-Chloropropene)	<0.626 U	<1.25 U
Benzene	1	30.3
Benzyl Chloride	<1.04 U	<2.07 U
Bromodichloromethane	<1.34 U	<2.68 U
Bromomethane	<0.777 U	<1.55 U
Carbon Disulfide	<0.623 U	29.2
Carbon Tetrachloride	0.459	<2.52 U
Chlorobenzene	<0.921 U	<1.84 U
Chloroethane	<0.528 U	<1.06 U
Chloroform	<0.977 U	8.89
Chloromethane	1.06	1.33
Cis-1,2-Dichloroethene	0.079	<1.59 U
Cis-1,3-Dichloropropene	<0.908 U	<1.82 U
Cyclohexane	1.04	22.5
Dichlorodifluoromethane	2.1	<1.98 U
Ethanol	29.6	<18.8 U
Ethyl Acetate	<1.8 U	<3.6 U
Ethylbenzene	1.5	98.2
Isopropanol	3.05	8.82
M,P-Xylene	4.82	355
Methyl Ethyl Ketone (2-Butanone)	1.66	116
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<4.1 R
Methylene Chloride	5.73	12.6
n-Heptane	0.984	173
n-Hexane	2.14	444
o-Xylene (1,2-Dimethylbenzene)	1.6	125
Styrene	1.29	5.83
Tert-Butyl Alcohol	<1.52 U	<3.03 U
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	<1.44 U
Tetrachloroethene (PCE)	1.28	6.74
Tetrahydrofuran	<1.47 U	4.19
Toluene	7.8	158
Trans-1,2-Dichloroethene	<0.793 U	<1.59 U
Trans-1,3-Dichloropropene	<0.908 U	<1.82 U
Trichloroethene (TCE)	0.161	<2.15 U
Trichlorofluoromethane	1.29	<2.25 U
Vinyl Chloride	<0.051 U	<1.02 U

Location	C241175_SSV11_IA11	
Sample Name	C241175_IA11_100516	C241175_SSV11_100516
Sample Date	10/05/2016	10/05/2016
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	<2.18 U
1,1,2,2-Tetrachloroethane	<1.37 U	<2.75 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	<3.07 U
1,1,2-Trichloroethane	<1.09 U	<2.18 U
1,1-Dichloroethane	<0.809 U	<1.62 U
1,1-Dichloroethene	<0.079 U	<1.59 U
1,2,4-Trichlorobenzene	<1.48 U	<2.97 U
1,2,4-Trimethylbenzene	1.72	15.7
1,2-Dichlorobenzene	<1.2 U	<2.4 U
1,2-Dichloroethane	<0.809 U	<1.62 U
1,2-Dichloropropane	<0.924 U	<1.85 U
1,2-Dichlorotetrafluoroethane	<1.4 U	<2.8 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.983 U	5.36
1,3-Butadiene	<0.442 U	2.23
1,3-Dichlorobenzene	<1.2 U	<2.4 U
1,4-Dichlorobenzene	<1.2 U	<2.4 U
1,4-Dioxane (P-Dioxane)	<0.721 U	<1.44 U
2,2,4-Trimethylpentane	1.15	<1.87 R
2-Hexanone (MBK)	<0.82 U	19.6
4-Ethyltoluene	<0.983 U	5.21
Acetone	25.2	224
Allyl Chloride (3-Chloropropene)	<0.626 U	<1.25 U
Benzene	1	30.3
Benzyl Chloride	<1.04 U	<2.07 U
Bromodichloromethane	<1.34 U	<2.68 U
Bromomethane	<0.777 U	<1.55 U
Carbon Disulfide	<0.623 U	29.2
Carbon Tetrachloride	0.459	<2.52 U
Chlorobenzene	<0.921 U	<1.84 U
Chloroethane	<0.528 U	<1.06 U
Chloroform	<0.977 U	8.89
Chloromethane	1.06	1.33
Cis-1,2-Dichloroethene	0.079	<1.59 U
Cis-1,3-Dichloropropene	<0.908 U	<1.82 U
Cyclohexane	1.04	22.5
Dichlorodifluoromethane	2.1	<1.98 U
Ethanol	29.6	<18.8 U
Ethyl Acetate	<1.8 U	<3.6 U
Ethylbenzene	1.5	98.2
Isopropanol	3.05	8.82
M,P-Xylene	4.82	355
Methyl Ethyl Ketone (2-Butanone)	1.66	116
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<4.1 R
Methylene Chloride	5.73	12.6
n-Heptane	0.984	173
n-Hexane	2.14	444
o-Xylene (1,2-Dimethylbenzene)	1.6	125
Styrene	1.29	5.83
Tert-Butyl Alcohol	<1.52 U	<3.03 U
Tert-Butyl Methyl Ether (MTBE)	<0.721 U	<1.44 U
Tetrachloroethene (PCE)	1.28	6.74
Tetrahydrofuran	<1.47 U	4.19
Toluene	7.8	158
Trans-1,2-Dichloroethene	<0.793 U	<1.59 U
Trans-1,3-Dichloropropene	<0.908 U	<1.82 U
Trichloroethene (TCE)	0.161	<2.15 U
Trichlorofluoromethane	1.29	<2.25 U
Vinyl Chloride	<0.051 U	<1.02 U

Location	C241175_AA02	
Sample Name	C241175_AA02_100918	
Sample Date	10/05/2016	
Sample Type	AA	
VOCs		
1,1,1-Trichloroethane	<0.109 U	
1,1,2,2-Tetrachloroethane	<1.37 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	
1,1,2-Trichloroethane	<1.09 U	
1,1-Dichloroethane	<0.809 U	
1,1-Dichloroethene	<0.079 U	
1,2,4-Trichlorobenzene	<1.48 U	
1,2,4-Trimethylbenzene	3.83	
1,2-Dichlorobenzene	<1.2 U	
1,2-Dichloroethane	<0.809 U	
1,2-Dichloropropane	<0.924 U	
1,2-Dichlorotetrafluoroethane	<1.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	1.13	
1,3-Butadiene	<0.442 U	
1,3-Dichlorobenzene	<1.2 U	
1,4-Dichlorobenzene	<1.2 U	
1,4-Dioxane (P-Dioxane)	<0.721 U	
2,2,4-Trimethylpentane	<0.934 U	
2-Hexanone (MBK)	<0.82 U	
4-Ethyltoluene	<0.983 U	
Acetone	30.4	
Allyl Chloride (3-Chloropropene)	<0.626 U	
Benzene	<0.639 U	
Benzyl Chloride	<1.04 U	
Bromodichloromethane	<1.34 U	
Bromomethane	<0.777 U	
Carbon Disulfide	<0.623 U	
Carbon Tetrachloride	<1.26 U	
Chlorobenzene	0.497	
Chloroethane	<0.921 U	
Chloroform	<0.528 U	
Chloromethane	1.6	
Cis-1,2-Dichloroethene	<0.977 U	
Cis-1,3-Dichloropropene	1.39	
Cyclohexane	<0.079 U	
Dichlorodifluoromethane	<0.908 U	
Ethanol	2.88	
Ethyl Acetate	2.32	
Ethylbenzene	70.5	
Isopropanol	4.9	
M,P-Xylene	1.17	
Methyl Ethyl Ketone (2-Butanone)	7.84	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4.47	
Methylene Chloride	5.96	
n-Heptane	<2.05 U	
n-Hexane	3.96	
o-Xylene (1,2-Dimethylbenzene)	<0.82 U	
Styrene	1.27	
Tert-Butyl Alcohol	1.28	
Tert-Butyl Methyl Ether (MTBE)	<0.852 U	
Tetrachloroethene (PCE)	<1.52 U	
Tetrahydrofuran	<0.721 U	
Toluene	1.25	
Trans-1,2-Dichloroethene	<1.47 U	
Trans-1,3-Dichloropropene	6.52	
Trichloroethene (TCE)	<0.793 U	
Trichlorofluoromethane	<0.908 U	
Vinyl Chloride	0.129	
	<0.107 U	
	1.33	
	<0.051 U	

Location	C241175_AA01	
Sample Name	C241175_AA01_100516	
Sample Date	10/05/2016	
Sample Type	AA	
VOCs		
1,1,1-Trichloroethane	<0.109 U	
1,1,2,2-Tetrachloroethane	<1.37 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.53 U	
1,1,2-Trichloroethane	<1.09 U	
1,1-Dichloroethane	<0.809 U	
1,1-Dichloroethene	<0.079 U	
1,2,4-Trichlorobenzene	<1.48 U	
1,2,4-Trimethylbenzene	<0.983 U	
1,2-Dichlorobenzene	<1.2 U	
1,2-Dichloroethane	<0.809 U	
1,2-Dichloropropane	<0.924 U	
1,2-Dichlorotetrafluoroethane	<1.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	<0.983 U	
1,3-Butadiene	<0.442 U	
1,3-Dichlorobenzene	<1.2 U	
1,4-Dichlorobenzene	<1.2 U	
1,4-Dioxane (P-Dioxane)	<0.721 U	
2,2,4-Trimethylpentane	<0.934 U	
2-Hexanone (MBK)	<0.82 U	
4-Ethyltoluene	<0.983 U	
Acetone	10.7	
Allyl Chloride (3-Chloropropene)	<0.626 U	
Benzene	0.671	
Benzyl Chloride	<1.04 U	
Bromodichloromethane	<1.34 U	
Bromomethane	<0.777 U	
Carbon Disulfide	<0.623 U	
Carbon Tetrachloride	0.459	
Chlorobenzene	<0.921 U	
Chloroethane	<0.528 U	
Chloroform

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB09	C241175_SB10	C241175_SB15	C241175_SB17	C241175_SB17	C241175_SB19	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_LB29_MW29D
					Sample Name	SB09_4-5	SB10_2-3	SB15_6.5-7.5	SB17_9-10	DUP02_042215	SB-19_6.5-7.5	C241175_LB28_1-2	C241175_LB28_4-5	C241175_LB28_7-8	C241175_LB28_11-12	C241175_LB29_1-2	C241175_LB29_4-5	C241175_LB29_8-9
					Sample Date	04/20/2015	04/18/2015	04/22/2015	04/22/2015	04/22/2015	05/27/2015	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016
					Sample Depth	4-5	2-3	6-8	9-10	9-10	6-8	1-2	4-5	7-8	11-12	1-2	4-5	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.019 U	<1.2 U	<5 U	<2.7 U	<0.027 U	<0.018 U	<0.019 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0028 U	<0.0018 U	<1 U	<0.0017 U	<0.0016 U	<0.002 U	<0.0014 U	<0.09 U	<0.38 U	<0.2 U	<0.002 U	<0.0014 U	<0.0014 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0028 U	<0.0018 U	<1 U	<0.0017 U	<0.0016 U	<0.002 U	<0.0014 U	<0.09 U	<0.38 U	<0.2 U	<0.002 U	<0.0014 U	<0.0014 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	0.00027 J	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0076 U	<0.0049 U	18	<0.0044 U	<0.0042 U	<0.0053 U	0.00097 J	0.62	3.9	<0.54 U	<0.0054 U	<0.0037 U	<0.0038 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	0.00031 J	0.012 J	<1.2 U	0.024 J	<0.0068 U	<0.0046 U	<0.0048 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0076 U	<0.0049 U	<2.8 U	<0.0044 U	<0.0042 U	<0.0053 U	<0.0038 U	<0.24 U	<1 U	<0.54 U	<0.0054 U	<0.0037 U	<0.0038 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0066 U	<0.0043 U	<2.5 U	<0.0039 U	<0.0037 U	<0.0046 U	<0.0033 U	<0.21 U	<0.88 U	<0.47 U	<0.0047 U	<0.0032 U	<0.0034 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	0.00018 J	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0076 U	<0.0049 U	4.5	<0.0044 U	<0.0042 U	<0.0053 U	0.00075 J	0.11 J	0.49 J	<0.54 U	<0.0054 U	<0.0037 U	<0.0038 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.19 U	<0.12 U	<70 U	<0.11 U	<0.1 U	<0.13 U	<0.096 U	<6 U	<25 U	<14 U	<0.14 U	<0.092 U	<0.096 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0076 U	<0.0049 U	<2.8 U	<0.0044 U	<0.0042 U	<0.0053 U	<0.0038 U	<0.24 U	<1 U	<0.54 U	<0.0054 U	<0.0037 U	<0.0038 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	**0.056**	<0.6 U	<2.5 U	<1.4 U	0.018	**0.076**	<0.0096 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.024 U	<1.5 U	<6.3 U	<3.4 U	<0.034 U	<0.023 U	<0.024 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0076 U	<0.0049 U	<2.8 U	<0.0044 U	<0.0042 U	<0.0053 U	<0.0038 U	<0.24 U	<1 U	<0.54 U	<0.0054 U	<0.0037 U	<0.0038 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	<0.0026 U	<0.0019 U	<0.12 U	<0.5 U	<0.27 U	<0.0027 U	<0.0018 U	<0.0019 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	<0.0026 U	<0.0019 U	<0.12 U	<0.5 U	<0.27 U	<0.0027 U	<0.0018 U	<0.0019 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0028 U	<0.0018 U	<1 U	<0.0017 U	<0.0016 U	<0.002 U	<0.0014 U	<0.09 U	<0.38 U	<0.2 U	<0.002 U	<0.0014 U	<0.0014 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.019 U	<1.2 U	<5 U	<2.7 U	<0.027 U	<0.018 U	<0.019 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	0.94	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	**1.9**	<0.0014 U	<0.00092 U	<0.00096 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	0.57 J	<0.0011 U	<0.001 U	<0.0013 U	0.00074 J	0.026 J	3.7	0.022 J	<0.0014 U	<0.00092 U	<0.00096 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	0.001 J	0.00035 J	<0.12 U	<0.5 U	9.4	<0.0027 U	<0.0018 U	<0.0019 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.019 U	<1.2 U	<5 U	<2.7 U	<0.027 U	<0.018 U	<0.019 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.019 U	<0.012 U	<7 U	0.0026 J	0.003 J	<0.013 U	0.011 J	<0.6 U	<2.5 U	<1.4 U	<0.014 U	0.011	<0.0096 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	0.0014 J	<0.24 U	<1 U	<0.54 U	0.00024 J	<0.0037 U	<0.0038 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 U	<0.6 U	<2.5 U	<1.4 U	<0.014 U	<0.0092 U	<0.0096 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.00044 J	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	0.001 J	0.0018 J	0.17 J	<1.2 U	<0.68 U	0.00023 J	0.0024 J	0.00014 J
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0019 U	<0.0012 U	4.5	<0.0011 U	<0.001 U	<0.0013 U	0.00018 J	<0.06 U	0.35	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
n-Propylbenzene	103-65-1	5	5	100	mg/kg	<0.0019 U	<0.0012 U	1.2	<0.0011 U	<0.001 U	<0.0013 U	0.00025 J	<0.06 U	1.1	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	0.00094 J	<0.0019 U	<0.12 U	<0.5 U	0.83	<0.0027 U	<0.0018 U	<0.0019 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0019 U	<0.0012 U	5.9	<0.0011 U	<0.001 U	<0.0013 U	0.00074 J	0.092	1.2	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	<0.0026 U	<0.0019 U	<0.12 U	<0.5 U	<0.27 U	<0.0027 U	<0.0018 U	<0.0019 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0095 U	<0.0061 U	1.2 J	<0.0055 U	<0.0052 U	<0.0066 U	0.00016 J	0.036 J	0.15 J	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.057 UJ	<3.6 U	<15 U	<8.1 U	<0.081 UJ	<0.055 UJ	<0.058 UJ
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	<0.0026 U	<0.0019 U	<0.12 U	<0.5 U	<0.27 U	<0.0027 U	<0.0018 U	<0.0019 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0028 U	<0.0018 U	<1 U	<0.0017 U	<0.0016 U	<0.002 U	0.0018	<0.09 U	<0.38 U	0.042 J	<0.002 U	0.0017	<0.0014 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	0.0019 J	0.00035 J	<0.12 U	<0.5 U	**10**	<0.0027 U	<0.0018 U	<0.0019 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0028 U	<0.0018 U	<1 U	<0.0017 U	<0.0016 U	<0.002 U	<0.0014 U	<0.09 U	<0.38 U	<0.2 U	<0.002 U	<0.0014 U	<0.0014 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 UJ	<0.3 U	<1.2 U	<0.68 U	<0.0068 UJ	<0.0046 UJ	<0.0048 UJ
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	<0.0019 U	<0.0012 U	<0.7 U	<0.0011 U	<0.001 U	<0.0013 U	<0.00096 U	<0.06 U	<0.25 U	<0.14 U	<0.0014 U	<0.00092 U	<0.00096 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0095 U	<0.0061 U	<3.5 U	<0.0055 U	<0.0052 U	<0.0066 U	<0.0048 U	<0.3 U	<1.2 U	<0.68 U	<0.0068 U	<0.0046 U	<0.0048 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.019 U	<0.012 U	<7 U	<0.011 U	<0.01 U	<0.013 U	<0.0096 UJ	<0.6 U	<2.5 U	<1.4 U	<0.014 UJ	<0.0092 UJ	<0.0096 UJ
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0038 U	<0.0024 U	<1.4 U	<0.0022 U	<0.0021 U	<0.0026 U	<0.0019 U	<0.12 U	<0.5 U	<0.27 U	<0.0027 U	<0.0018 U	<0.0019 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB09	C241175_SB10	C241175_SB15	C241175_SB17	C241175_SB17	C241175_SB19	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_LB29_MW29D
					Sample Name	SB09_4-5	SB10_2-3	SB15_6.5-7.5	SB17_9-10	DUP02_042215	SB-19_6.5-7.5	C241175_LB28_1-2	C241175_LB28_4-5	C241175_LB28_7-8	C241175_LB28_11-12	C241175_LB29_1-2	C241175_LB29_4-5	C241175_LB29_8-9
					Sample Date	04/20/2015	04/18/2015	04/22/2015	04/22/2015	04/22/2015	05/27/2015	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016
					Sample Depth	4-5	2-3	6-8	9-10	9-10	6-8	1-2	4-5	7-8	11-12	1-2	4-5	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	0.24	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	<0.23 U	<0.46 U	<2.3 U	<0.25 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.12 U	<0.23 U	<1.1 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.47 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<1.7 U	<0.19 U	<0.18 U	<0.16 U	<0.16 U	<0.71 U	<0.18 U	<0.18 U	<0.16 U	<0.17 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.93 U	<1.8 U	<9.1 U	<0.99 U	<0.94 U	<0.88 U	<0.88 U	<3.8 U	<0.94 U	<0.94 U	<0.86 U	<0.89 U	<0.98 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.095 J	0.49	0.62 J	<0.25 U	<0.24 U	0.67	0.067 J	<0.95 U	<0.24 U	<0.23 U	<0.22 U	<0.22 U	<0.24 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.42 U	<0.82 U	<4.1 U	<0.45 U	<0.42 U	<0.4 U	<0.39 U	<1.7 U	<0.42 U	<0.42 U	<0.39 U	<0.4 U	<0.44 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	<0.26 U	<1.1 U	<0.28 U	<0.28 U	<0.26 U	<0.27 U	<0.29 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	<0.28 U	<0.55 U	<2.7 U	0.072 J	<0.28 U	<0.26 U	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.5 U	<0.99 U	<4.9 U	<0.54 U	<0.51 U	<0.48 U	<0.48 U	<2 U	<0.51 U	<0.51 U	<0.47 U	<0.48 U	<0.53 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 UJ	<0.79 UJ	<0.2 UJ	<0.2 UJ	<0.18 U	<0.18 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	0.51	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.27 U	<0.53 U	<2.6 U	<0.29 U	<0.28 U	<0.26 U	<0.26 U	<1.1 U	<0.27 U	<0.27 U	<0.25 U	<0.26 U	<0.29 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.15 U	1.4	2.4	0.055 J	0.12 J	0.37	0.1 J	0.25 J	0.068 J	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.082 J	0.91	<1.5 U	<0.16 U	0.052 J	0.2	<0.15 U	<0.63 U	<0.16 U	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	0.12	3.3	2.6	0.071 J	0.25	1.2	0.2	0.42 J	0.068 J	<0.12 U	<0.11 U	<0.11 U	<0.12 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.15 U	<0.63 U	<0.16 U	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.24 UJ	<1 UJ	<0.26 UJ	<0.26 UJ	<0.24 U	<0.24 U	<0.27 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.6 U	<2.6 U	<0.65 U	<0.64 U	<0.59 U	<0.61 U	<0.67 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.84	**8.6**	**6.6**	0.4 J	0.9 J	**2.2**	0.35	0.59	<0.12 U	<0.12 U	0.06 J	0.033 J	<0.12 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	0.94	**10**	**8.2**	0.87	**1.2**	**1.9**	0.12 J	0.34 J	<0.16 U	<0.16 U	0.092 J	<0.15 U	<0.16 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	0.69	**12**	**8.9**	0.83	**1.3**	**2.3**	0.29	0.54	<0.12 U	<0.12 U	0.096 J	0.034 J	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**0.94**	**6.1**	**3.4**	0.58	**0.69**	**1.4**	0.098 J	0.15 J	<0.16 U	<0.16 U	0.077 J	<0.15 U	<0.16 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.25	**5.2**	**3.6**	0.36	0.56	**1**	0.11	0.2 J	<0.12 U	<0.12 U	0.032 J	<0.11 U	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.62 U	<1.2 U	<6.1 U	<0.67 U	<0.64 U	<0.6 UJ	<0.59 UJ	<2.6 UJ	<0.63 UJ	<0.63 UJ	<0.58 U	<0.6 U	<0.66 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.44 U	0.16 J	<4.3 U	<0.47 U	<0.45 U	0.1 J	<0.42 U	<1.8 U	<0.45 U	<0.45 U	<0.41 U	<0.42 U	<0.46 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.21 U	<0.41 U	<2 U	<0.22 U	<0.21 U	<0.2 U	<0.2 U	<0.85 U	<0.21 U	<0.21 U	<0.19 U	<0.2 U	<0.22 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<1.7 U	<0.19 U	<0.18 U	<0.16 U	<0.16 U	<0.71 U	<0.18 U	<0.18 U	<0.16 U	<0.17 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.22 U	<0.22 U	<0.95 U	<0.24 U	<0.23 U	<0.22 U	<0.22 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	0.074 J	0.089 J	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.19 U	1.2	<1.9 U	<0.21 U	0.12 J	0.45	0.11 J	0.24 J	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**1.1**	**8.5**	**5.6**	0.38 J	0.88 J	**2.4**	0.37	0.58	<0.12 U	<0.12 U	0.06 J	0.031 J	<0.12 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.26	**1.7**	**1.2**	0.16	0.19	0.32	0.033 J	0.14 J	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.19 U	1	1.7 J	<0.21 U	<0.2 U	0.37	0.28	0.49 J	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	0.35	20	6.2	0.42 J	1.4 J	4.8	1.8	3.1	<0.12 U	<0.12 U	0.08 J	0.054 J	<0.12 U
Fluorene	86-73-7	30	386	100	mg/kg	<0.19 U	1.2	4.1	<0.21 U	0.094 J	0.48	0.12 J	0.34 J	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.12 U	<0.23 U	<1.1 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.47 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.55 U	<1.1 U	<5.4 U	<0.59 U	<0.56 U	<0.53 U	<0.52 U	<2.2 U	<0.56 U	<0.56 U	<0.51 U	<0.53 U	<0.58 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<1.5 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.63 U	<0.16 U	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	0.46	**7.1**	**4.4**	**0.7**	**0.82**	**1.4**	0.12 J	0.42 J	<0.16 U	<0.16 U	0.083 J	<0.15 U	<0.16 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<1.7 U	<0.19 U	<0.18 U	<0.16 U	<0.16 U	<0.71 U	<0.18 U	<0.18 U	<0.16 U	<0.17 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.11 J	1.1	1.9	<0.21 U	0.1 J	0.39	0.032 J	<0.79 U	<0.2 U	<0.2 U	<0.18 U	0.028 J	<0.2 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.17 U	<0.34 U	<1.7 U	<0.19 U	<0.18 U	<0.16 U	<0.16 U	<0.71 U	<0.18 U	<0.18 U	<0.16 U	<0.17 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.36 U	<1.6 U	<0.39 U	<0.39 U	<0.36 U	<0.37 U	<0.41 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.79 U	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<1.5 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.63 U	<0.16 U	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.15 U	<0.3 U	<1.5 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.63 U	<0.16 U	<0.16 U	<0.14 U	<0.15 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	0.31	**13**	**12**	0.22 J	0.93 J	**4.5**	**2.7**	**4**	0.16	<0.12 U	0.056 J	0.036 J	<0.12 U
Phenol	108-95-2	**0.33**	0.33	100	mg/kg	<0.19 U	<0.38 U	<1.9 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	0.22 J	<0.2 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	0.86	14	6	0.38 J	1.2 J	4	1.2	2.1	0.061 J	<0.12 U	0.073 J	0.049 J	<0.12 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB09	C241175_SB10	C241175_SB15	C241175_SB17	C241175_SB17	C241175_SB19	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB28_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_LB29_MW29D
					Sample Name	SB09_4-5	SB10_2-3	SB15_6.5-7.5	SB17_9-10	DUP02_042215	SB-19_6.5-7.5	C241175_LB28_1-2	C241175_LB28_4-5	C241175_LB28_7-8	C241175_LB28_11-12	C241175_LB29_1-2	C241175_LB29_4-5	C241175_LB29_8-9
					Sample Date	04/20/2015	04/18/2015	04/22/2015	04/22/2015	04/22/2015	05/27/2015	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016
					Sample Depth	4-5	2-3	6-8	9-10	9-10	6-8	1-2	4-5	7-8	11-12	1-2	4-5	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
4,4'-DDT	50-29-3	0.0033	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	<0.00322 UJ	NA	NA	NA	<0.00329 U	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	<0.000717 U	NA	NA	NA	<0.000732 U	NA	NA
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	<0.00215 U	NA	NA	NA	<0.00219 U	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.014 U	NA	NA	NA	<0.0143 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	<0.00107 U	NA	NA	NA	<0.0011 U	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.000717 U	NA	NA	NA	<0.000732 U	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	<0.000717 U	NA	NA	NA	<0.000732 U	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.00215 U	NA	NA	NA	<0.00219 U	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.00172 U	NA	NA	NA	<0.00176 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	<0.000717 U	NA	NA	NA	<0.000732 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.00215 U	NA	NA	NA	<0.00219 U	NA	NA
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	<0.00086 U	NA	NA	NA	<0.000878 U	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.00322 U	NA	NA	NA	<0.00329 U	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.00322 U	NA	NA	NA	<0.00329 U	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0322 U	NA	NA	NA	<0.0329 U	NA	NA
Herbicides																		
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.184 U	NA	NA	NA	<0.182 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.184 U	NA	NA	NA	<0.182 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	<0.184 U	NA	NA	NA	<0.182 U	NA	NA
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	<0.0364 U	<0.0379 U	<0.0379 U	<0.0388 U	<0.0366 U	<0.037 U	<0.0406 U
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	2,400	5,900	6,400 J	7,300	8,600	11,000	6,200	6,600	5,500	5,800 J	5,100	5,100	6,900
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.7 U	<4.4 U	<4.4 U	<4.8 U	1 J	2.4 J	<4.4 U	<4.6 U	<4.7 U	<4.8 U	<4.3 U	<4.3 U	<4.9 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	9.8	12	7.2 J	7.2	**14**	9.4 J	1.7	2	2	2.1	2.4	3.1	3.5
Barium	7440-39-3	**410**	820	410	mg/kg	56	160	64 J	94 J	200 J	370 J	16	11	15	21	47	82	16
Beryllium	7440-41-7	**4.4**	47	43	mg/kg	0.16 J	0.31 J	0.31 J	0.34 J	0.41 J	**5.7**	0.2 J	0.2 J	0.16 J	0.13 J	0.12 J	0.11 J	0.12 J
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	0.08 J	0.69 J	0.34 J	0.35 J	0.38 J	<0.86 U	<0.88 U	<0.93 U	<0.94 U	<0.96 U	<0.86 U	<0.86 U	<0.98 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,300	6,200	9,400 J	9,600	7,900	9,500	2,500	810	1,000	660 J	4,400	7,100	360
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	<0.94 U	<0.92 U	<0.93 U	<1 U	<0.96 U	0.24 J	<0.89 U	<0.95 U	<0.96 U	<0.97 U	<0.89 U	<0.9 U	<1 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	8.2	15	11	15	18	120	35	9.7	7.7	11	11	10	11
Chromium, Trivalent	16065-83-1	**30**	19	110	mg/kg	8.2	15	11	15	18	**120 J**	**35**	9.7	7.7	11	11	10	11
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.6	6.9	4.8	7.5	5	93 J	6.9	6.4	5.2	6.2	4.9	3.5	4.3
Copper	7440-50-8	**50**	1720	280	mg/kg	26	**60**	24 J	40 J	**120 J**	**1,000**	10	12	10	13	19	17	9.9
Iron	7439-89-6	NS	NS	NS	mg/kg	8,000	18,000	24,000 J	22,000	17,000	57,000 J	11,000	14,000	16,000	12,000 J	12,000	9,600	9,900
Lead	7439-92-1	**63**	450	400	mg/kg	43	**510**	**800 J**	**180 J**	**720 J**	**1,300 J**	7.4	5.9	5.1	5.9	**84**	**200**	5.8
Magnesium	7439-95-4	NS	NS	NS	mg/kg	600	1,800	1,500 J	1,800	1,900	2,800 J	2,000	2,500	1,900	2,000 J	1,500	1,500	2,300
Manganese	7439-96-5	1600	2000	2000	mg/kg	85	400	130 J	340	310	680 J	120	260	970	120 J	180	270	82
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.19**	**1.3**	**1.9 J**	0.08	0.08	**6.6**	0.03 J	0.03 J	<0.08 U	0.02 J	**0.31**	**0.79**	<0.08 U
Nickel	7440-02-0	**30**	130	320	mg/kg	10	15	11	16	12	**120 J**	18	13	9.8	12	12	9.6	10
Potassium	7440-09-7	NS	NS	NS	mg/kg	540	900	1,100	1,200	1,500	1,700	540	580	530	540	830	740	500
Selenium	7782-49-2	3.9	4	110	mg/kg	1.5 J	0.33 J	<1.8 U	0.54 J	0.28 J	<1.7 U	<1.8 U	<1.9 U	<1.9 U	<1.9 U	<1.7 U	<1.7 U	<2 U
Silver	7440-22-4	2	8.3	110	mg/kg	<0.93 U	<0.88 U	0.19 J	0.62 J	0.3 J	0.33 J	<0.88 U	<0.93 U	<0.94 U	<0.96 U	<0.86 U	<0.86 U	<0.98 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	1,300	910	440	260	500	2,200	120 J	81 J	140 J	120 J	140 J	130 J	80 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.9 U	<1.8 U	<1.8 UJ	<1.9 U	<1.8 U	<1.7 U	<1.8 U	<1.9 U	<1.9 U	<1.9 U	<1.7 U	<1.7 U	<2 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	9.9	19	14	18	17	28	11	12	11	14	14	14	12
Zinc	7440-66-6	**109**	2480	6600	mg/kg	51	**350**	85 J	98 J	**230 J**	**7,800 J**	37	31	22	31	28	57	24
General Chemistry																		
Total Solids	TSOLID	NS	NS	NS	Percent	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB46	C241175_LB46	C241175_LB46	C241175_LB50
					Sample Name	C241175_LB40_1-2	C241175_LB40_7-8	C241175_LB40_13-14	C241175_LB45_1-2	C241175_LB45_2-3	C241175_LB45_11-12	C241175_SODUP02_092216	C241175_LB46_1-2	C241175_LB46_2-3	C241175_LB46_9-10	C241175_LB50_1-2
					Sample Date	10/10/2016	10/10/2016	10/10/2016	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016	09/29/2016
					Sample Depth	1-2	7-8	13-14	1-2	2-3	11-12	11-12	1-2	2-3	9-10	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.026 U	<0.018 U	<0.025 U	<0.02 U	<0.02 U	<0.02 U	<0.019 U	<0.031 U	<0.023 U	<0.018 U	<0.02 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0019 U	<0.0014 U	<0.0019 U	<0.0015 U	<0.0015 U	<0.0015 U	<0.0014 U	<0.0024 U	<0.0017 U	<0.0013 U	<0.0015 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0019 U	<0.0014 U	<0.0019 U	<0.0015 U	<0.0015 U	<0.0015 U	<0.0014 U	<0.0024 U	<0.0017 U	<0.0013 U	<0.0015 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0051 U	<0.0036 U	0.0015 J	<0.0039 U	<0.004 U	<0.0041 U	<0.0038 U	0.00026 J	<0.0046 U	<0.0035 U	<0.004 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	<0.0064 U	0.00022 J	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	0.00022 J	0.0002 J	<0.0044 U	<0.0051 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0051 U	<0.0036 U	<0.0051 U	<0.0039 U	<0.004 U	<0.0041 U	<0.0038 U	<0.0063 U	<0.0046 U	<0.0035 U	<0.004 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0045 U	<0.0032 U	<0.0044 U	<0.0034 U	<0.0035 U	<0.0036 U	<0.0033 U	<0.0055 U	<0.004 U	<0.0031 U	<0.0035 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0051 U	<0.0036 U	<0.0051 U	<0.0039 U	<0.004 U	<0.0041 U	<0.0038 U	<0.0063 U	<0.0046 U	<0.0035 U	<0.004 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.13 U	<0.09 U	<0.13 U	<0.098 U	<0.1 U	<0.1 U	<0.094 U	<0.16 U	<0.11 U	<0.088 U	<0.1 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 UJ	<0.01 UJ	<0.0094 UJ	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0051 U	<0.0036 U	<0.0051 U	<0.0039 U	<0.004 U	<0.0041 U	<0.0038 U	<0.0063 U	<0.0046 U	<0.0035 U	<0.004 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.034**	**0.046**	**0.035**	0.014	0.011	0.004 J	0.01	**0.065**	**0.057**	<0.0088 U	**0.042**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.032 U	<0.023 U	<0.032 U	<0.024 U	<0.025 U	<0.025 U	<0.024 U	<0.039 U	<0.029 U	<0.022 U	<0.025 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	0.0003 J	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	0.00011 J	<0.001 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0051 U	<0.0036 U	<0.0051 U	<0.0039 U	<0.004 U	<0.0041 U	<0.0038 U	<0.0063 U	<0.0046 U	<0.0035 U	<0.004 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	<0.002 U	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	<0.002 U	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0019 U	<0.0014 U	<0.0019 U	<0.0015 U	<0.0015 U	<0.0015 U	<0.0014 U	<0.0024 U	<0.0017 U	<0.0013 U	<0.0015 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.026 U	<0.018 U	0.00034 J	0.00038 J	<0.02 U	<0.02 U	0.00016 J	0.00044 J	<0.023 U	<0.018 U	<0.02 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0013 U	0.00049 J	<0.0013 U	<0.00098 U	<0.001 U	0.00026 J	0.0006 J	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	0.00078 J	0.0018 J	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.026 U	<0.018 U	<0.025 U	<0.02 U	<0.02 U	<0.02 U	<0.019 U	<0.031 U	<0.023 U	0.0007 J	<0.02 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.013 U	0.012	<0.013 U	<0.0098 UJ	<0.01 UJ	<0.01 UJ	<0.0094 UJ	0.011 J	0.0068 J	<0.0088 U	0.007 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0051 U	0.0025 J	0.0018 J	0.00017 J	<0.004 U	0.00033 J	0.001 J	0.0016 J	0.00025 J	<0.0035 U	<0.004 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 U	<0.01 U	<0.01 U	<0.0094 U	<0.016 U	<0.011 U	<0.0088 U	<0.01 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.0084	0.00066 J	0.0002 J	<0.0049 U	<0.005 U	<0.0051 U	0.00016 J	0.0005 J	0.00033 J	0.0002 J	<0.0051 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
n-Propylbenzene	103-65-1	5	5	100	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	<0.002 U	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0013 U	0.00039 J	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	<0.002 U	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0064 U	0.001 J	0.00028 J	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.077 U	<0.054 U	0.004 J	<0.058 UJ	<0.06 U	<0.061 U	<0.056 U	<0.094 UJ	<0.069 UJ	<0.052 UJ	0.0047 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0026 U	<0.0018 U	0.0029	<0.002 U	<0.002 U	0.0001 J	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	0.00076 J	0.0024	0.0026	<0.0015 U	<0.0015 U	<0.0015 U	0.0021	<0.0024 U	<0.0017 U	0.0025	0.0024
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	0.00078 J	0.0018 J	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0019 U	<0.0014 U	<0.0019 U	<0.0015 U	<0.0015 U	<0.0015 U	<0.0014 U	<0.0024 U	<0.0017 U	<0.0013 U	<0.0015 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0013 U	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 UJ	<0.005 UJ	<0.0051 UJ	<0.0047 UJ	<0.0079 UJ	<0.0057 UJ	<0.0044 UJ	<0.0051 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	0.0002 J	<0.0009 U	<0.0013 U	<0.00098 U	<0.001 U	<0.001 U	<0.00094 U	<0.0016 U	<0.0011 U	<0.00088 U	<0.001 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0045 U	<0.0064 U	<0.0049 U	<0.005 U	<0.0051 U	<0.0047 U	<0.0079 U	<0.0057 U	<0.0044 U	<0.0051 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.013 U	<0.009 U	<0.013 U	<0.0098 UJ	<0.01 UJ	<0.01 UJ	<0.0094 UJ	<0.016 UJ	<0.011 UJ	<0.0088 UJ	<0.01 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0026 U	<0.0018 U	<0.0025 U	<0.002 U	<0.002 U	<0.002 U	<0.0019 U	<0.0031 U	<0.0023 U	<0.0018 U	<0.002 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB46	C241175_LB46	C241175_LB46	C241175_LB50
					Sample Name	C241175_LB40_1-2	C241175_LB40_7-8	C241175_LB40_13-14	C241175_LB45_1-2	C241175_LB45_2-3	C241175_LB45_11-12	C241175_SODUP02_092216	C241175_LB46_1-2	C241175_LB46_2-3	C241175_LB46_9-10	C241175_LB50_1-2
					Sample Date	10/10/2016	10/10/2016	10/10/2016	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016	09/29/2016
					Sample Depth	1-2	7-8	13-14	1-2	2-3	11-12	11-12	1-2	2-3	9-10	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	0.21 J	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	0.091 J	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.22 U	<0.59 U	<0.12 U	<0.56 U	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.62 U	<0.12 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.32 U	<0.89 U	<0.18 U	<0.84 U	<0.17 U	<0.19 U	<0.18 U	<0.17 U	<0.93 U	<0.18 U	<0.17 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<1.7 U	<4.7 U	<0.96 U	<4.5 U	<0.91 U	<1 U	<0.97 U	<0.89 U	<5 U	<0.98 U	<0.93 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.63	0.17 J	<0.24 U	0.26 J	<0.23 U	<0.26 U	<0.24 U	0.042 J	0.12 J	<0.24 U	<0.23 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.78 U	<2.1 U	<0.43 U	<2 U	<0.41 U	<0.46 U	<0.44 U	<0.4 U	<2.2 U	<0.44 U	<0.42 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	0.11 J	<1.4 U	<0.29 U	<1.4 U	<0.27 U	<0.31 U	<0.29 U	<0.27 U	<1.5 U	<0.29 U	<0.28 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.94 U	<2.6 U	<0.52 U	<2.4 U	<0.49 U	<0.56 U	<0.53 U	<0.48 U	<2.7 U	<0.53 U	<0.5 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 UJ	<0.19 UJ	<0.21 UJ	<0.2 UJ	<0.18 U	<1 U	<0.2 U	<0.19 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.51 U	<1.4 U	<0.28 U	<1.3 U	<0.26 U	<0.3 U	<0.28 U	<0.26 U	<1.4 U	<0.29 U	<0.27 U
Acenaphthene	83-32-9	20	98	100	mg/kg	1.6	1.4	<0.16 U	0.73 J	0.036 J	<0.17 U	<0.16 U	0.12 J	1.3	<0.16 U	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.15 J	0.16 J	<0.16 U	0.2 J	<0.15 U	<0.17 U	<0.16 U	0.083 J	<0.82 U	<0.16 U	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Anthracene	120-12-7	100	1000	100	mg/kg	3.6	2.6	<0.12 U	2.4	0.052 J	<0.13 U	<0.12 U	0.26	3.1	<0.12 U	<0.12 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.29 U	<0.79 U	<0.16 U	<0.75 U	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.82 U	<0.16 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.48 U	<1.3 U	<0.26 U	<1.2 UJ	<0.25 UJ	<0.28 UJ	<0.27 UJ	<0.24 U	<1.4 U	<0.27 U	<0.26 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<1.2 U	<3.3 U	<0.66 U	<3.1 U	<0.63 U	<0.71 U	<0.67 U	<0.61 U	<3.4 U	<0.68 U	<0.64 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**8**	**18**	<0.12 U	**5.9**	0.19	<0.13 U	<0.12 U	0.82	**14**	<0.12 U	<0.12 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**5.2**	**30**	<0.16 U	**5.9**	0.32	<0.17 U	<0.16 U	0.82	**23**	<0.16 U	<0.16 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**9.2**	**31**	<0.12 U	**6.9**	0.31	<0.13 U	<0.12 U	0.97	**24**	<0.12 U	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**4.2**	**16**	<0.16 U	**3.4**	0.23	<0.17 U	<0.16 U	0.54	**14**	<0.16 U	<0.16 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**3.3**	**9.6**	<0.12 U	**2**	0.11	<0.13 U	<0.12 U	0.27	**9**	<0.12 U	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.88 J	<3.2 U	<0.65 U	<3 UJ	<0.61 UJ	<0.69 UJ	<0.66 UJ	<0.6 U	<3.3 U	<0.66 U	<0.63 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	0.2 J	<2.2 U	<0.46 U	<2.1 U	<0.43 U	<0.49 U	<0.46 U	<0.42 U	<2.4 U	<0.47 U	<0.44 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.39 U	<1.1 U	<0.22 U	<1 U	<0.2 U	<0.23 U	<0.22 U	<0.2 U	<1.1 U	<0.22 U	<0.21 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.32 U	<0.89 U	<0.18 U	<0.84 U	<0.17 U	<0.19 U	<0.18 U	<0.17 U	<0.93 U	<0.18 U	<0.17 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.43 U	<1.2 U	<0.24 U	<1.1 U	<0.23 U	<0.26 U	<0.24 U	<0.22 U	<1.2 U	<0.24 U	<0.23 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	2.3	1.5	<0.2 U	1.1	0.02 J	<0.21 U	<0.2 U	0.1 J	1.6	<0.2 U	<0.19 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**8.1**	**15**	<0.12 U	**5.7**	0.17	<0.13 U	<0.12 U	0.85	**12**	<0.12 U	<0.12 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**0.97**	**5.4**	<0.12 U	**0.93**	0.056 J	<0.13 U	<0.12 U	0.13	**3.1**	<0.12 U	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	1.5	0.4 J	<0.2 U	0.53 J	<0.19 U	<0.21 U	<0.2 U	0.062 J	0.32 J	<0.2 U	<0.19 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	13	11	<0.12 U	9.4	0.21	<0.13 U	<0.12 U	1.5	18	<0.12 U	<0.12 U
Fluorene	86-73-7	30	386	100	mg/kg	1.7	0.7 J	<0.2 U	0.9 J	0.022 J	<0.21 U	<0.2 U	0.11 J	0.69 J	<0.2 U	<0.19 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.22 U	<0.59 U	<0.12 U	<0.56 U	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.62 U	<0.12 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<1 U	<2.8 U	<0.58 U	<2.7 U	<0.54 U	<0.61 U	<0.58 U	<0.53 U	<3 U	<0.58 U	<0.56 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.29 U	<0.79 U	<0.16 U	<0.75 U	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.82 U	<0.16 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**4.5**	**21**	<0.16 U	**3.6**	0.27	<0.17 U	<0.16 U	**0.56**	**18**	<0.16 U	<0.16 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.32 U	<0.89 U	<0.18 U	<0.84 U	<0.17 U	<0.19 U	<0.18 U	<0.17 U	<0.93 U	<0.18 U	<0.17 U
Naphthalene	91-20-3	12	12	100	mg/kg	1.1	0.37 J	<0.2 U	0.47 J	<0.19 U	<0.21 U	<0.2 U	0.07 J	0.39 J	<0.2 U	<0.19 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.32 U	<0.89 U	<0.18 U	<0.84 U	<0.17 U	<0.19 U	<0.18 U	<0.17 U	<0.93 U	<0.18 U	<0.17 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.72 U	<2 U	<0.4 U	<1.9 U	<0.38 U	<0.43 U	<0.4 U	<0.37 U	<2.1 U	<0.41 U	<0.39 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.29 U	<0.79 U	<0.16 U	<0.75 U	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.82 U	<0.16 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.29 U	<0.79 U	<0.16 U	<0.75 U	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.82 U	<0.16 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**14**	**5.1**	<0.12 U	**7.7**	0.16	<0.13 U	<0.12 U	0.93	**8.3**	<0.12 U	<0.12 U
Phenol	108-95-2	**0.33**	0.33	100	mg/kg	<0.36 U	<0.99 U	<0.2 U	<0.94 U	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<1 U	<0.2 U	<0.19 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	11	11	<0.12 U	8.3	0.18	<0.13 U	<0.12 U	1.4	17	<0.12 U	<0.12 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB40_MW40D	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB45	C241175_LB46	C241175_LB46	C241175_LB46	C241175_LB50
					Sample Name	C241175_LB40_1-2	C241175_LB40_7-8	C241175_LB40_13-14	C241175_LB45_1-2	C241175_LB45_2-3	C241175_LB45_11-12	C241175_SODUP02_092216	C241175_LB46_1-2	C241175_LB46_2-3	C241175_LB46_9-10	C241175_LB50_1-2
					Sample Date	10/10/2016	10/10/2016	10/10/2016	09/22/2016	09/22/2016	09/22/2016	09/22/2016	09/26/2016	09/26/2016	09/26/2016	09/29/2016
					Sample Depth	1-2	7-8	13-14	1-2	2-3	11-12	11-12	1-2	2-3	9-10	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	0.00128 J	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	0.000773 J	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
4,4'-DDT	50-29-3	0.0033	135	3.8	mg/kg	<0.00318 U	NA	NA	<0.00328 UJ	NA	NA	NA	<0.00333 U	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.000707 U	NA	NA	<0.00073 U	NA	NA	NA	<0.00074 U	NA	NA	NA
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	<0.00212 U	NA	NA	<0.00219 U	NA	NA	NA	<0.00222 U	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.0017 UJ	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0138 U	NA	NA	<0.0142 U	NA	NA	NA	<0.0144 U	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00106 U	NA	NA	<0.00109 U	NA	NA	NA	<0.00111 U	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.000707 U	NA	NA	<0.00073 U	NA	NA	NA	<0.00074 U	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.000707 U	NA	NA	<0.00073 U	NA	NA	NA	<0.00074 U	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00212 U	NA	NA	<0.00219 U	NA	NA	NA	<0.00222 U	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.0017 U	NA	NA	<0.00175 U	NA	NA	NA	<0.00178 U	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.000707 U	NA	NA	<0.00073 U	NA	NA	NA	<0.00074 U	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.00212 U	NA	NA	<0.00219 U	NA	NA	NA	<0.00222 U	NA	NA	NA
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	<0.000848 U	NA	NA	<0.000876 U	NA	NA	NA	<0.000888 U	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00318 U	NA	NA	<0.00328 U	NA	NA	NA	<0.00333 U	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00318 U	NA	NA	<0.00328 U	NA	NA	NA	<0.00333 U	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0318 U	NA	NA	<0.0328 U	NA	NA	NA	<0.0333 U	NA	NA	NA
Herbicides																
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.183 U	NA	NA	<0.184 U	NA	NA	NA	<0.185 U	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.183 U	NA	NA	<0.184 U	NA	NA	NA	<0.185 U	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.183 U	NA	NA	<0.184 U	NA	NA	NA	<0.185 U	NA	NA	NA
Polychlorinated Biphenyl																
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0363 U	<0.0394 U	<0.0405 U	<0.0375 U	<0.0373 U	<0.0416 U	<0.04 U	<0.0369 U	<0.0411 U	<0.0417 U	<0.0374 U
Metals																
Aluminum	7429-90-5	NS	NS	NS	mg/kg	2,100	4,200	7,000	5,600	4,800	7,400	7,000	4,900	5,900	6,900	7,100 J
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.4 U	<4.8 U	<4.6 U	<4.4 U	<4.5 U	<5 U	<4.9 U	4.5	<4.9 U	<4.9 U	<4.6 UJ
Arsenic	7440-38-2	**13**	16	16	mg/kg	**17**	3.4	1	5.4	2.6	2.4	2.7	**14**	3.5	1.3	2.3
Barium	7440-39-3	**410**	820	410	mg/kg	**440**	50	9.2	310	41	12	12	99	83	23	16
Beryllium	7440-41-7	**4.4**	47	43	mg/kg	0.18 J	0.16 J	0.17 J	0.26 J	0.14 J	0.14 J	0.13 J	0.15 J	0.15 J	<0.49 U	0.33 J
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	0.41 J	<0.96 U	<0.93 U	<0.88 U	<0.91 U	<1 U	<0.98 U	0.33 J	<0.98 U	<0.99 U	0.13 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,700	12,000	630	6,500	3,600	430	380	11,000	7,600	440	640 J
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	**1.9 J**	<0.97 UJ	<0.98 UJ	<0.9 U	<0.92 U	<1 U	<1 U	<0.91 U	0.34 J	<1 U	0.22 J
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	28	10	10	13	11	13	13	13	12	11	10
Chromium, Trivalent	16065-83-1	**30**	19	110	mg/kg	26	10	10	13	11	13	13	13	12 J	11	9.8 J
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.7	3.9	4	6.9	4	5.3	6	5.4	5.2	5.3	7.5
Copper	7440-50-8	**50**	1720	280	mg/kg	40	16	12	32	19	8.8	11	**56**	24	15	7.7
Iron	7439-89-6	NS	NS	NS	mg/kg	8,500	8,200	10,000	23,000	10,000	10,000	9,800	24,000	14,000	9,000	12,000
Lead	7439-92-1	**63**	450	400	mg/kg	**590**	**200**	5.6	**180**	**94**	8.9	12	**300**	**200**	6.4	6.2
Magnesium	7439-95-4	NS	NS	NS	mg/kg	660	1,600	2,600	1,900	1,300	1,800	1,900	1,800	1,800	2,000	2,100 J
Manganese	7439-96-5	1600	2000	2000	mg/kg	190	190	90	540	200	67	70	280	270	62	98 J
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**1.1**	0.15	<0.08 U	**0.39**	**0.25**	**5 J**	**1.1 J**	**4.4**	**0.78**	0.04 J	0.02 J
Nickel	7440-02-0	**30**	130	320	mg/kg	9.2	12	12	15	10	10	11	17	15	10	12
Potassium	7440-09-7	NS	NS	NS	mg/kg	460	840	530	1,300	760	490	520	660	870	480	520
Selenium	7782-49-2	3.9	4	110	mg/kg	0.8 J	<1.9 U	<1.8 U	0.28 J	<1.8 U	<2 U	<2 U	<1.8 U	<2 U	<2 U	<1.8 U
Silver	7440-22-4	2	8.3	110	mg/kg	<0.88 U	<0.96 U	<0.93 U	<0.88 U	<0.91 U	<1 U	<0.98 U	<0.88 U	<0.98 U	<0.99 U	<0.93 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	1,200	220	60 J	250	140 J	110 J	96 J	150 J	140 J	44 J	71 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.9 U	<1.8 U	<1.8 U	<1.8 U	<2 U	<2 U	<1.8 U	<2 U	<2 U	<1.8 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	11	14	14	20	13	14	14	16	16	14	12
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**240**	49	27	63	97	22	26	**270**	55	28	40
General Chemistry																
Total Solids	TSOLID	NS	NS	NS	Percent	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB50	C241175_LB50	C241175_LB50	C241175_LB54	C241175_LB54	C241175_LB54	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D
					Sample Name	C241175_LB50_2-3	C241175_LB50_7-8	C241175_SODUP03_092916	C241175_LB54_1-2	C241175_LB54_4-5	C241175_LB54_7-8	C241175_LB60_0.5-2	C241175_SODUP10_102017	C241175_LB60_3-5	C241175_LB60_12-14
					Sample Date	09/29/2016	09/29/2016	09/29/2016	09/23/2016	09/23/2016	09/23/2016	10/20/2017	10/20/2017	10/20/2017	10/20/2017
					Sample Depth	2-3	7-8	7-8	1-2	4-5	7-8	0.5-2	0.5-2	3-5	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 UJ	<0.001 UJ	<0.00091 UJ
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.022 U	<0.021 U	<0.018 U	<0.018 U	<0.021 U	<0.021 U	<0.015 U	<0.02 UJ	<0.021 UJ	<0.018 UJ
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.0013 U	<0.0016 U	<0.0016 U	<0.0011 U	<0.0015 U	<0.0016 U	<0.0014 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.0013 U	<0.0016 U	<0.0016 U	<0.0011 UJ	<0.0015 UJ	<0.0016 UJ	<0.0014 UJ
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 UJ	<0.001 UJ	<0.00091 UJ
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 UJ	<0.0052 UJ	<0.0045 UJ
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 U	<0.01 U	<0.01 U	<0.0091 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	<0.0042 U	<0.0042 U	<0.003 UJ	<0.004 U	0.00018 J	<0.0036 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,2,4-Trimethylbenzene	95-63-6	5.9	5.9	100	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	<0.0042 U	<0.0042 U	<0.003 UJ	<0.004 U	<0.0042 U	<0.0036 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0038 U	<0.0036 U	<0.0032 U	<0.0031 U	<0.0037 U	<0.0037 U	<0.0026 U	<0.0035 U	<0.0037 U	<0.0032 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	3.1	3.1	100	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 U	<0.0052 U	<0.0045 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	<0.0042 U	<0.0042 U	<0.003 UJ	<0.004 U	<0.0042 U	<0.0036 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.11 U	<0.1 U	<0.092 U	<0.09 U	<0.1 U	<0.11 U	<0.03 UJ	<0.04 UJ	<0.042 UJ	<0.036 UJ
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 UJ	<0.0052 UJ	<0.0045 UJ
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 UJ	<0.01 UJ	<0.011 UJ	<0.0076 UJ	<0.01 U	<0.01 U	<0.0091 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	<0.0042 U	<0.0042 U	<0.003 UJ	<0.004 U	<0.0042 U	<0.0036 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	0.026 J	**0.042 J**	**0.051**	**0.037**	0.027	0.016	0.019 J	**0.041 J**	**0.058**	0.02
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.027 U	<0.026 U	<0.023 U	<0.022 U	<0.026 U	<0.026 U	<0.019 UJ	<0.025 UJ	<0.026 UJ	<0.023 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 U	<0.01 U	<0.01 U	<0.0091 U
Benzene	71-43-2	0.06	0.06	3.7	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 U	<0.0052 U	<0.0045 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	<0.0042 U	<0.0042 U	<0.003 UJ	<0.004 U	<0.0042 U	<0.0036 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 UJ	<0.002 U	<0.0021 U	<0.0018 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 UJ	<0.01 U	0.0015 J	<0.0091 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 UJ	<0.001 UJ	<0.00091 UJ
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 UJ	<0.002 U	<0.0021 U	<0.0018 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.0013 U	<0.0016 U	<0.0016 U	<0.0011 U	<0.0015 U	<0.0016 U	<0.0014 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.022 U	<0.021 U	<0.018 U	<0.018 U	0.00062 J	<0.021 U	<0.015 U	<0.02 U	<0.021 U	<0.018 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 UJ	<0.01 U	<0.01 U	<0.0091 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 UJ	<0.01 U	<0.01 U	<0.0091 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	<0.0051 UJ	<0.0052 UJ	<0.0045 UJ
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 U	<0.002 U	<0.0021 U	<0.0018 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.022 U	0.0053 J	<0.018 U	0.0036 J	<0.021 U	<0.021 U	<0.015 U	<0.02 U	<0.021 U	<0.018 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.1	0.1	100	mg/kg	<0.011 U	<0.01 U	0.0057 J	0.0031 J	0.0039 J	0.00036 J	<0.0076 UJ	0.0038 J	0.011	<0.0091 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	<0.01 U	<0.011 U	<0.0076 UJ	<0.01 U	<0.01 U	<0.0091 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0043 U	<0.0042 U	<0.0037 U	<0.0036 U	0.0031 J	<0.0042 U	<0.003 U	<0.004 U	0.0066	<0.0036 U
Methylene Chloride	75-09-2	0.05	0.05	81	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 U	0.0014 J	<0.011 U	<0.0076 U	<0.01 U	<0.01 U	<0.0091 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 UJ	0.00032 J	0.00071 J	0.00026 J
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
n-Propylbenzene	103-65-1	5	5	100	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 U	<0.002 U	<0.0021 U	<0.0018 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 UJ	<0.002 U	<0.0021 U	<0.0018 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 U	<0.0052 U	<0.0045 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.0042 J	0.0058 J	0.0097 J	<0.054 U	<0.063 U	<0.064 U	<0.045 UJ	<0.061 U	<0.063 U	<0.054 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 UJ	<0.002 U	<0.0021 U	0.00034 J
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0016 U	0.0023	0.0019	0.0017	0.0026	0.002	<0.0011 U	<0.0015 U	<0.0016 U	<0.0014 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 U	<0.002 U	<0.0021 U	<0.0018 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 U	<0.001 U	<0.00091 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.0013 U	<0.0016 U	<0.0016 U	<0.0011 UJ	<0.0015 UJ	<0.0016 UJ	<0.0014 UJ
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 UJ	<0.001 U	<0.001 U	<0.00091 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 UJ	<0.0053 UJ	<0.0053 UJ	<0.0038 UJ	<0.0051 U	<0.0052 U	<0.0045 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	6.4	mg/kg	<0.0011 U	<0.001 U	<0.00092 U	<0.0009 U	<0.001 U	<0.0011 U	<0.00076 U	<0.001 UJ	<0.001 UJ	<0.00091 UJ
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0052 U	<0.0046 U	<0.0045 U	<0.0053 U	<0.0053 U	<0.0038 U	<0.0051 UJ	<0.0052 UJ	<0.0045 UJ
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.011 U	<0.01 U	<0.0092 U	<0.009 UJ	<0.01 UJ	<0.011 UJ	<0.0076 UJ	<0.01 U	<0.01 U	<0.0091 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0022 U	<0.0021 U	<0.0018 U	<0.0018 U	<0.0021 U	<0.0021 U	<0.0015 U	<0.002 U	<0.0021 U	<0.0018 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB50	C241175_LB50	C241175_LB50	C241175_LB54	C241175_LB54	C241175_LB54	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D
					Sample Name	C241175_LB50_2-3	C241175_LB50_7-8	C241175_SODUP03_092916	C241175_LB54_1-2	C241175_LB54_4-5	C241175_LB54_7-8	C241175_LB60_0.5-2	C241175_SODUP10_102017	C241175_LB60_3-5	C241175_LB60_12-14
					Sample Date	09/29/2016	09/29/2016	09/29/2016	09/23/2016	09/23/2016	09/23/2016	10/20/2017	10/20/2017	10/20/2017	10/20/2017
					Sample Depth	2-3	7-8	7-8	1-2	4-5	7-8	0.5-2	0.5-2	3-5	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	<0.57 U	<0.11 U	<0.12 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.18 U	<0.16 U	<0.19 U	<0.18 U	<0.85 U	<0.17 U	<0.18 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.93 U	<1 U	<0.95 U	<0.87 U	<1 U	<0.96 U	<4.5 UJ	<0.89 U	<0.96 U	<0.95 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 UJ	<0.18 UJ	<0.2 UJ	<0.2 UJ
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.23 U	<0.25 U	<0.24 U	<0.22 U	<0.26 U	<0.24 U	1.2 J	0.56	<0.24 U	<0.24 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.42 U	<0.45 U	<0.43 U	<0.39 U	<0.46 U	<0.43 U	<2 UJ	<0.4 UJ	<0.43 UJ	<0.43 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.28 U	<0.3 U	<0.28 U	<0.26 U	<0.31 U	<0.29 U	0.26 J	0.14 J	<0.29 U	<0.28 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 UJ	<0.18 U	<0.2 U	<0.2 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.5 U	<0.54 U	<0.51 U	<0.47 U	<0.55 U	<0.52 U	<2.4 UJ	<0.48 U	<0.52 U	<0.51 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.27 U	<0.29 U	<0.28 U	<0.25 U	<0.3 U	<0.28 U	<1.3 UJ	<0.26 U	<0.28 U	<0.28 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	7.5 J	3 J	0.052 J	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	0.86	0.37	<0.16 U	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	23 J	14 J	<0.12 U	<0.12 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	<0.76 UJ	<0.15 UJ	<0.16 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.26 U	<0.27 U	<0.26 U	<0.24 U	<0.28 U	<0.26 U	<1.2 U	<0.24 U	<0.26 U	<0.26 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.64 U	<0.68 U	<0.65 U	<0.6 U	<0.7 U	<0.66 U	<3.1 UJ	<0.61 U	<0.66 U	<0.65 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	**43 J**	**24 J**	0.037 J	<0.12 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	**25 J**	**15 J**	<0.16 U	<0.16 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	<0.12 U	<0.12 U	<0.12 U	0.036 J	<0.13 U	<0.12 U	**40 J**	**22 J**	<0.12 U	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	<0.16 U	<0.17 U	<0.16 U	0.022 J	<0.17 U	<0.16 U	**12 J**	**4.6 J**	<0.16 U	<0.16 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	**11 J**	**3.4 J**	<0.12 U	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.63 U	<0.67 U	<0.64 U	<0.59 U	<0.69 U	<0.65 U	<3.1 UJ	<0.6 U	<0.65 U	<0.64 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	6.6 J	2.6 J	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.44 U	<0.47 U	<0.45 U	<0.41 U	<0.48 U	<0.46 U	0.97 J	0.4 J	<0.46 U	<0.45 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.21 U	<0.22 U	<0.21 U	<0.2 U	<0.23 U	<0.22 U	<1 U	<0.2 U	<0.22 U	<0.21 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.18 U	<0.16 U	<0.19 U	<0.18 U	<0.85 U	<0.17 U	<0.18 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.23 U	<0.25 U	<0.24 U	<0.22 U	<0.26 U	<0.24 U	<1.1 U	<0.22 U	<0.24 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	4.4 J	1.8 J	<0.2 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 UJ	<0.18 UJ	<0.2 UJ	<0.2 UJ
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	6.7 J	2.7 J	<0.2 U	<0.2 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	<0.12 U	<0.12 U	<0.12 U	0.027 J	<0.13 U	<0.12 U	**36 J**	**22 J**	0.03 J	<0.12 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	**4.6 J**	**2 J**	<0.12 U	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	**10 J**	**3.6 J**	<0.2 U	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	<0.12 U	<0.12 U	<0.12 U	0.044 J	<0.13 U	<0.12 U	**120 J**	70 J	0.055 J	<0.12 U
Fluorene	86-73-7	30	386	100	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	9.3 J	3.4 J	<0.2 U	<0.2 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.12 U	<0.57 U	<0.11 U	<0.12 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.56 U	<0.59 U	<0.56 U	<0.52 U	<0.61 U	<0.57 U	<2.7 UJ	<0.53 U	<0.58 U	<0.56 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	<0.76 U	<0.15 U	<0.16 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	**16 J**	**5.8 J**	<0.16 U	<0.16 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.18 U	<0.16 U	<0.19 U	<0.18 U	<0.85 U	<0.17 U	<0.18 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	0.82 J	0.4	<0.2 U	<0.2 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.18 U	<0.19 U	<0.18 U	<0.16 U	<0.19 U	<0.18 U	<0.85 U	<0.17 U	<0.18 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.39 U	<0.42 U	<0.4 U	<0.36 U	<0.42 U	<0.4 U	<1.9 U	<0.37 U	<0.4 U	<0.39 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	<0.94 U	<0.18 U	<0.2 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	<0.76 U	<0.15 U	<0.16 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.16 U	<0.17 U	<0.16 U	<0.14 U	<0.17 U	<0.16 U	<0.76 U	<0.15 U	<0.16 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	<0.12 U	<0.12 U	<0.12 U	0.035 J	<0.13 U	<0.12 U	**140 J**	**76 J**	0.047 J	<0.12 U
Phenol	108-95-2	**0.33**	0.33	100	mg/kg	<0.19 U	<0.21 U	<0.2 U	<0.18 U	<0.21 U	<0.2 U	**0.53 J**	0.3	<0.2 U	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	<0.12 U	<0.12 U	<0.12 U	0.041 J	<0.13 U	<0.12 U	**85 J**	48 J	0.046 J	<0.12 U

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB50	C241175_LB50	C241175_LB50	C241175_LB54	C241175_LB54	C241175_LB54	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D	C241175_LB60_MW60D
					Sample Name	C241175_LB50_2-3	C241175_LB50_7-8	C241175_SODUP03_092916	C241175_LB54_1-2	C241175_LB54_4-5	C241175_LB54_7-8	C241175_LB60_0.5-2	C241175_SODUP10_102017	C241175_LB60_3-5	C241175_LB60_12-14
					Sample Date	09/29/2016	09/29/2016	09/29/2016	09/23/2016	09/23/2016	09/23/2016	10/20/2017	10/20/2017	10/20/2017	10/20/2017
					Sample Depth	2-3	7-8	7-8	1-2	4-5	7-8	0.5-2	0.5-2	3-5	12-14
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	**0.0225 J**	**0.0428 J**	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	**0.00431 J**	<0.0178 U	NA	NA
4,4'-DDT	50-29-3	0.0033	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	<0.033 UJ	<0.0333 U	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 U	<0.0178 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	<0.00733 U	<0.0074 U	NA	NA
Alpha Chlordane	5103-71-9	0.014	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	<0.022 U	<0.0222 U	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 U	<0.0178 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 U	<0.0178 U	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 U	<0.0178 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.143 U	<0.144 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 U	<0.0178 U	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0111 U	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	<0.00733 UJ	<0.0074 UJ	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	<0.00733 U	<0.0074 U	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.022 UJ	<0.0222 UJ	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.0176 UJ	<0.0178 UJ	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	<0.00733 UJ	<0.0074 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.022 U	<0.0222 U	NA	NA
Heptachlor	76-44-8	0.013	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.00888 U	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.033 U	<0.0333 U	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.033 UJ	<0.0333 UJ	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.33 U	<0.333 U	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.192 U	<0.188 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	<0.192 U	<0.188 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	<0.192 U	<0.188 U	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	0.0796	0.091	0.045	<0.0397 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	0.0716	0.0805	<0.0409 U	<0.0397 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	<0.037 U	<0.0368 U	<0.0409 U	<0.0397 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0382 U	<0.0402 U	<0.0387 U	<0.0352 U	<0.0415 U	<0.0384 U	**0.151**	**0.172**	0.045	<0.0397 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	7,000	5,600	6,300	4,800	7,800	5,800	4,100	4,930	7,050	6,050
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.7 U	<5 U	<4.7 U	<4.3 U	<5 U	<4.8 U	1.46 J	0.809 J	<4.7 U	<4.72 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	2.6	4.1	3.4	5.2	2.3	1.1	3.06	4.7	2.44	2.26
Barium	7440-39-3	**410**	820	410	mg/kg	18	17	17	52	9.7	7.4	43.1	42.3	266	24.8
Beryllium	7440-41-7	**4.4**	47	43	mg/kg	0.35 J	0.25 J	0.28 J	0.17 J	0.28 J	0.14 J	0.185 J	0.196 J	0.338 J	0.33 J
Cadmium	7440-43-9	2.5	7.5	2.5	mg/kg	0.11 J	0.1 J	0.11 J	<0.86 U	<1 U	<0.96 U	0.996	1.13	0.226 J	0.274 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	640	280	300	4,300	1,000	320	5,930	6,410	2,500	714
Chromium, Hexavalent	18540-29-9	**1**	19	1	mg/kg	0.24 J	<1 U	0.72 J	<0.87 UJ	0.44 J	<0.97 UJ	<0.93 UJ	<0.91 UJ	<0.99 UJ	0.26 J
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	11	7.2	8.4	10	12	8.6	45.8 J	34 J	13.1 J	12.6 J
Chromium, Trivalent	16065-83-1	**30**	19	110	mg/kg	11 J	7.2	7.7 J	10	12 J	8.6	**46**	**34**	13	12 J
Cobalt	7440-48-4	NS	NS	NS	mg/kg	6.9	5.6	6.2	5	3.6	4.1	11.7	6.55	5.27	7.55
Copper	7440-50-8	**50**	1720	280	mg/kg	10	10	11	27	9.1	10	**231**	**242**	27.7	13.6
Iron	7439-89-6	NS	NS	NS	mg/kg	11,000	14,000	14,000	12,000	13,000	10,000	19,400	17,800	12,200	14,600
Lead	7439-92-1	**63**	450	400	mg/kg	8	4.8 J	5.6	**100**	6	5.1	**106 J**	**120 J**	**86.2 J**	6.39 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,000	1,900	2,000	1,400	2,000	2,000	1,400 J	1,450 J	2,070 J	2,500 J
Manganese	7439-96-5	1600	2000	2000	mg/kg	110	130	130	250	87	73	220	187	123	138
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	0.03 J	<0.08 U	<0.08 U	**0.38**	0.02 J	<0.08 U	**0.43 J**	**0.38 J**	**0.26 J**	<0.08 UJ
Nickel	7440-02-0	**30**	130	320	mg/kg	12	10	10	13	11	11	21.2	22.3	15.4	14.4
Potassium	7440-09-7	NS	NS	NS	mg/kg	560	290	310	760	530	440	571 J	550 J	828 J	671 J
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.9 U	<2 U	<1.9 U	<1.7 U	<2 U	<1.9 U	<1.76 U	<1.78 U	<1.88 U	<1.89 U
Silver	7440-22-4	2	8.3	110	mg/kg	<0.94 U	<1 U	<0.94 U	<0.86 U	<1 U	<0.96 U	0.644 J	0.462 J	<0.94 U	<0.944 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	75 J	35 J	33 J	170	91 J	87 J	135 J	144 J	96.5 J	110 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.9 U	<2 U	<1.9 U	<1.7 U	<2 U	<1.9 U	0.344 J	<1.78 U	<1.88 U	<1.89 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	13	10	11	15	15	11	13.2	13.1	17.1	16
Zinc	7440-66-6	**109**	2480	6600	mg/kg	29	46	50	51	22	25	**331**	**479**	45.6	39.2
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	Percent	NA	NA	NA	NA	NA	NA	85.9	88.1	81	82.2

Table 1A
BCP Amendment Application
Soil Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340208

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO) (December 2025).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
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.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 1B
BCP Amendment Application
Soil Sample Analytical Results Summary - TCLP Metals

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB09	C241175_SB10	C241175_SB15	C241175_SB17	C241175_SB17	C241175_SB19
			Sample Name	SB09_4-5	SB10_2-3	SB15_6.5-7.5	SB17_9-10	DUP02_042215	SB-19_6.5-7.5
			Sample Date	04/20/2015	04/18/2015	04/22/2015	04/22/2015	04/22/2015	05/27/2015
			Sample Depth	4-5	2-3	6-8	9-10	9-10	6-8
			Unit	Result	Result	Result	Result	Result	Result
Metals									
Arsenic	7440-38-2	5	mg/l	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Barium	7440-39-3	100	mg/l	<0.5 U	0.44 J	0.68	0.92	0.93	0.55
Cadmium	7440-43-9	1	mg/l	<0.1 U	0.01 J	<0.1 U	<0.1 U	<0.1 U	0.01 J
Chromium, Total	7440-47-3	5	mg/l	<0.2 U	0.03 J	<0.2 U	<0.2 U	<0.2 U	0.05 J
Lead	7439-92-1	5	mg/l	<0.5 U	0.51	0.68	1.6	3.9	2.9
Mercury	7439-97-6	0.2	mg/l	<0.001 U	<0.001 U	<0.0025 U	<0.0025 U	<0.0025 U	<0.001 U
Selenium	7782-49-2	1	mg/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Silver	7440-22-4	5	mg/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U

Notes:
TCLP - Toxicity Characteristic Leaching Procedure
CAS - Chemical Abstract Service
NS - No standard
mg/l - milligram per liter
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the 6 New York Codes, Rules and Regulations (NYCRR) Part 371.3 and 40 CFR 261 Subpart C and Table 1 of 40 CFR 261.24 - Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste.

Qualifiers:
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
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.

Exceedance Summary:
10 - Result exceeds the RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW09D	C241175_MW09S	C241175_MW15D	C241175_MW15S	C241175_LB28_MW28D
			Sample Name	C241175_MW09D_110617	C241175_MW09S_110817	C241175_MW15D_111017	C241175_MW15S_111017	C241175_MW28D_100516
			Sample Date	11/06/2017	11/08/2017	11/10/2017	11/10/2017	10/05/2016
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 UJ	<5 UJ	<100 UJ	<5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 UJ	<2.5 U	<25 U	<500 U	<25 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<15 U	<300 U	<15 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	2.1 J	<100 U	<5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 UJ
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<2 U	**5.6 J**	**240 J**	**10 J**
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 UJ	<2.5 U	<25 U	<500 U	<25 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<20 U	<400 U	<20 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	0.71 J	<25 U	<500 U	<25 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<10 UJ	<200 UJ	<10 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<20 U	<400 U	<20 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<250 UJ	<2,500 UJ	<50,000 UJ	<2,500 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 UJ	<25 UJ	<500 UJ	<25 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 UJ	<25 UJ	<500 UJ	<25 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 UJ	<20 UJ	<400 UJ	<20 U
Acetone	67-64-1	50	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Acrolein	107-02-8	5	ug/l	<5 UJ	<5 UJ	<50 UJ	<1,000 UJ	<50 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<50 UJ	<1,000 UJ	<50 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	**4.6 J**	<100 U	**3.5 J**
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Bromoform	75-25-2	50	ug/l	<2 UJ	<2 U	<20 U	<400 U	<20 U
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 UJ	<25 U	<500 U	<25 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Chloroform	67-66-3	7	ug/l	<2.5 U	2.2 J	<25 U	<500 U	<25 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<25 UJ	<500 UJ	<25 UJ
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	<2.5 U	<2.5 U	**1,500**	<500 U	<25 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Cyclohexane	110-82-7	NS	ug/l	<10 U	0.52 J	<100 UJ	<2,000 UJ	<100 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**200**
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 UJ	<2.5 U	<25 U	<500 U	<25 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**43**
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**1,200**
Methyl Acetate	79-20-9	NS	ug/l	<2 UJ	<2 U	<20 U	<400 U	<20 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Methylcyclohexane	108-87-2	NS	ug/l	<10 U	<10 U	<100 U	<2,000 U	<100 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	0.93 J	<25 U	<500 U	<25 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 UJ	<2.5 UJ	<25 U	**180 J**	<25 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 UJ	<25 UJ	<500 UJ	**8.6 J**
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**160**
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Styrene	100-42-5	5	ug/l	<2.5 UJ	<2.5 U	<25 U	<500 U	<25 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 UJ	<2.5 U	<25 U	<500 U	<25 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<10 UJ	<10 UJ	<100 UJ	<2,000 UJ	<100 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	<0.5 U	<0.5 U	**300**	<100 U	<5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**8.4 J**
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	**1,400**
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<5 U	<100 U	<5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 UJ	<2.5 UJ	<25 UJ	<500 UJ	<25 U
Trichloroethene (TCE)	79-01-6	**5**	ug/l	<0.5 U	<0.5 U	**200**	<100 U	<5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<25 U	<500 U	<25 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<50 U	<1,000 U	<50 U
Vinyl Chloride	75-01-4	**2**	ug/l	<1 U	<1 UJ	**200 J**	<200 UJ	<10 U

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW09D	C241175_MW09S	C241175_MW15D	C241175_MW15S	C241175_LB28_MW28D
			Sample Name	C241175_MW09D_110617	C241175_MW09S_110817	C241175_MW15D_111017	C241175_MW15S_111017	C241175_MW28D_100516
			Sample Date	11/06/2017	11/08/2017	11/10/2017	11/10/2017	10/05/2016
			Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<100 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<200 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	1.8	2.8	<0.1 U	<1 U	<0.2 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<100 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 UJ	<100 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<100 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	19	2	2.6	**37**	1.1
Acenaphthylene	208-96-8	NS	ug/l	0.06 J	0.04 J	<0.1 U	1.3	<0.2 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Anthracene	120-12-7	50	ug/l	0.04 J	0.44	0.11	12	0.48
Atrazine	1912-24-9	7.5	ug/l	<10 U	<10 U	<10 U	<100 U	<10 U
Azobenzene	103-33-3	5	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Benzidine	92-87-5	5	ug/l	<20 U	<20 UJ	<20 UJ	<200 UJ	<20 U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.02 J**	**0.22**	**0.02 J**	**13**	**0.04 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	**0.31**	<0.1 U	**14**	<0.2 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	**0.28**	<0.1 U	**18**	<0.2 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	0.2	<0.1 U	6.3	<0.2 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	**0.1**	<0.1 U	**4.7**	<0.2 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<500 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<30 U	<3 U
Caprolactam	105-60-2	NS	ug/l	<10 U	<10 U	<10 U	<100 U	<10 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	**0.17**	<0.1 U	**12**	<0.2 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	0.1 J	<0.1 U	2.3	<0.2 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	1.3 J	<2 U	20	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.04 J	0.5	0.1	25	0.4
Fluorene	86-73-7	50	ug/l	2	1.4	0.45	40	0.96
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 UJ	<20 U	<200 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	**0.26**	<0.1 U	**6.4**	<0.2 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.24	9.4	0.17	6.5	1.4
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<20 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 U	<0.8 U	<0.8 U	<8 U	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.54	2	0.76	**96**	1.6
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U	<50 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	0.37	0.11	29	0.31

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW09D	C241175_MW09S	C241175_MW15D	C241175_MW15S	C241175_LB28_MW28D
			Sample Name	C241175_MW09D_110617	C241175_MW09S_110817	C241175_MW15D_111017	C241175_MW15S_111017	C241175_MW28D_100516
			Sample Date	11/06/2017	11/08/2017	11/10/2017	11/10/2017	10/05/2016
			Unit	Result	Result	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	0.3	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Aldrin	309-00-2	0	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.2 U	<0.2 U	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Dieldrin	60-57-1	0.004	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Endrin	72-20-8	0	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	<0.04 UJ	<0.04 U	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.02 UJ	<0.02 U	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	<0.2 UJ	<0.2 U	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	<0.2 U	<0.2 U	NA	NA	NA
Herbicides								
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<2 U	<2 U	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<10 U	<10 U	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<2 U	<2 U	NA	NA	NA
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	0.204	NA	<0.083 U	NA	<0.083 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U
Total PCBs	1336-36-3	**0.09**	ug/l	**0.204**	NA	<0.083 U	NA	<0.083 U
Metals - Dissolved								
Aluminum	7429-90-5	NS	ug/l	4.43 J	11.3	<10 U	NA	9 J
Antimony	7440-36-0	3	ug/l	<4 U	2.52 J	<4 U	NA	<4 U
Arsenic	7440-38-2	**25**	ug/l	3.27	9.48	11.17	NA	**25.2**
Barium	7440-39-3	1000	ug/l	116	103.9	206.3	NA	623.1
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U
Calcium	7440-70-2	NS	ug/l	93,400	171,000	144,000	NA	145,000
Chromium, Total	7440-47-3	50	ug/l	0.37 J	0.43 J	0.3 J	NA	0.2 J
Cobalt	7440-48-4	NS	ug/l	0.46 J	2.45	1.83	NA	3.2
Copper	7440-50-8	200	ug/l	<1 U	1.52	<1 U	NA	0.5 J
Iron	7439-89-6	**300**	ug/l	**15,600**	**485**	**4,400**	NA	**27,600**
Lead	7439-92-1	25	ug/l	<1 U	2.7	<1 U	NA	<1 U
Magnesium	7439-95-4	**35000**	ug/l	33,700	**53,900**	**61,400**	NA	**65,800**
Manganese	7439-96-5	**300**	ug/l	**2,927**	**594.9**	**2,157**	NA	**13,080**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U
Nickel	7440-02-0	100	ug/l	0.92 J	4.81	0.92 J	NA	3.3
Potassium	7440-09-7	NS	ug/l	12,900	36,100	13,900	NA	25,400
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	NA	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	NA	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**104,000**	**226,000**	**216,000**	NA	**290,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Vanadium	7440-62-2	NS	ug/l	<5 U	4.53 J	<5 U	NA	<5 U
Zinc	7440-66-6	2000	ug/l	30.73	9.75 J	<10 U	NA	5.6 J
Metals - Total								
Aluminum	7429-90-5	NS	ug/l	269	19,800	30.8	NA	208
Antimony	7440-36-0	**3**	ug/l	<4 U	**4.43**	<4 U	NA	<4 U
Arsenic	7440-38-2	**25**	ug/l	2.67	**42.2**	11.07	NA	21.9
Barium	7440-39-3	1000	ug/l	94.59	588.2	205.8	NA	588.7
Beryllium	7440-41-7	3	ug/l	<0.5 U	1.45	<0.5 U	NA	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	1.54	<0.2 U	NA	<0.2 U
Calcium	7440-70-2	NS	ug/l	98,400	291,000	148,000	NA	143,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	NA	<10 U
Chromium, Total	7440-47-3	NS	ug/l	1.18	85.18	<1 U	NA	1.2
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	85	<10 U	NA	<10 U
Cobalt	7440-48-4	NS	ug/l	0.63	21.76	1.77	NA	3.6
Copper	7440-50-8	200	ug/l	3.98	184.6	0.5 J	NA	1
Iron	7439-89-6	**300**	ug/l	**18,600**	**44,000**	**4,230**	NA	**26,100**
Lead	7439-92-1	**25**	ug/l	3.06	**3,158**	<1 U	NA	0.5 J
Magnesium	7439-95-4	**35000**	ug/l	33,800	**57,200**	**61,400**	NA	**63,300**
Manganese	7439-96-5	**300**	ug/l	**2,803**	**1,524**	**2,174**	NA	**12,280**
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	**8.29**	<0.2 U	NA	<0.2 U
Nickel	7440-02-0	100	ug/l	1.47 J	61.12	0.94 J	NA	4.3
Potassium	7440-09-7	NS	ug/l	15,200	39,000	14,200	NA	25,900
Selenium	7782-49-2	**10**	ug/l	<5 U	9.65	<5 U	NA	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	1.17	<0.4 U	NA	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**107,000**	**201,000**	**216,000**	NA	**286,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	0.31 J	<0.5 U	NA	<0.5 U
Vanadium	7440-62-2	NS	ug/l	<5 U	65.3	<5 U	NA	<5 U
Zinc	7440-66-6	2000	ug/l	36.49	1,728	6.22 J	NA	5.4 J

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW09D	C241175_MW09S	C241175_MW15D	C241175_MW15S	C241175_LB28_MW28D
			Sample Name	C241175_MW09D_110617	C241175_MW09S_110817	C241175_MW15D_111017	C241175_MW15S_111017	C241175_MW28D_100516
			Sample Date	11/06/2017	11/08/2017	11/10/2017	11/10/2017	10/05/2016
			Unit	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances								
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA

Table 2
BCP Amendment Application
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BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB28_MW28D	C241175_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_MW29S
			Sample Name	C241175_MW28D_112916	C241175_MW28D_090921	C241175_MW29D_100516	C241175_MW29D_111017	C241175_MW29S_101116
			Sample Date	11/29/2016	09/09/2021	10/05/2016	11/10/2017	10/11/2016
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	<2.5 U	NA	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA	<1.5 U	<1.5 U	NA	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA	<2.5 U	<2.5 UJ	NA	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	<2 U	<2 U	NA	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA	<2 U	<2 U	NA	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	NA	<1 U	<1 U	NA	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA	<250 U	<250 U	NA	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 UJ
2-Chlorotoluene	95-49-8	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	NA	<5 U	<5 U	NA	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
Acetone	67-64-1	50	ug/l	NA	<5 U	3.7 J	NA	5.8 J
Acrolein	107-02-8	5	ug/l	NA	NA	<5 U	NA	<5 U
Acrylonitrile	107-13-1	5	ug/l	NA	<5 U	<5 U	NA	<5 U
Benzene	71-43-2	**1**	ug/l	NA	0.29 J	<0.5 U	NA	<0.5 U
Bromobenzene	108-86-1	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Bromoform	75-25-2	50	ug/l	NA	<2 U	<2 U	NA	<2 U
Bromomethane	74-83-9	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	NA	<5 U	<5 U	NA	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Chloroethane	75-00-3	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Chloroform	67-66-3	7	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Chloromethane	74-87-3	5	ug/l	NA	<2.5 U	<2.5 UJ	NA	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	<10 U	NA	<10 U
Cymene	99-87-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Dibromomethane	74-95-3	5	ug/l	NA	<5 U	<5 U	NA	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	NA	<5 U	<5 U	NA	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	NA	<2.5 U	0.7 J	NA	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	<2 U	NA	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	<10 U	NA	<10 U
Methylene Chloride	75-09-2	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	NA	0.83 J	<2.5 U	NA	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Styrene	100-42-5	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	<10 U	NA	4.9 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Toluene	108-88-3	**5**	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	NA	<2.5 U	0.7 J	NA	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Trichloroethene (TCE)	79-01-6	**5**	ug/l	NA	0.22 J	<0.5 U	NA	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	NA	<2.5 U	<2.5 U	NA	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	NA	0.08 j	<1 U	NA	<1 U

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB28_MW28D	C241175_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_MW29S
			Sample Name	C241175_MW28D_112916	C241175_MW28D_090921	C241175_MW29D_100516	C241175_MW29D_111017	C241175_MW29S_101116
			Sample Date	11/29/2016	09/09/2021	10/05/2016	11/10/2017	10/11/2016
			Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	NA	<10 U	<10 U	NA	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<5 U	<5 U	NA	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<2 U	<2 U	NA	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<2 U	<2 U	NA	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<2 U	<2 U	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	**1.64 J**	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	<5 U	NA	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	NA	<5 U	<5 U	NA	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	NA	<5 U	<5 U	NA	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	NA	<20 U	<20 U	NA	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	NA	<5 U	<5 U	NA	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	NA	<5 U	<5 U	NA	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	NA	<0.2 U	<0.2 U	NA	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	NA	<0.1 U	0.09 J	NA	<0.2 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
2-Nitroaniline	88-74-4	5	ug/l	NA	<5 U	<5 U	NA	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	NA	<10 U	<10 U	NA	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	NA	<5 U	<5 U	NA	<5 U
3-Nitroaniline	99-09-2	5	ug/l	NA	<5 U	<5 U	NA	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	NA	<10 U	<10 U	NA	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
4-Chloroaniline	106-47-8	5	ug/l	NA	<5 U	<5 U	NA	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
4-Nitroaniline	100-01-6	5	ug/l	NA	<5 U	<5 U	NA	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	NA	<10 U	<10 U	NA	<10 U
Acenaphthene	83-32-9	**20**	ug/l	NA	5.6	0.88	NA	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	NA	0.05 J	<0.2 U	NA	<0.2 U
Acetophenone	98-86-2	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
Anthracene	120-12-7	50	ug/l	NA	0.12	0.05 J	NA	0.05 J
Atrazine	1912-24-9	7.5	ug/l	NA	NA	<10 U	NA	<10 U
Azobenzene	103-33-3	5	ug/l	NA	NA	<2 U	NA	<2 U
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	<5 U	NA	<5 U
Benzidine	92-87-5	5	ug/l	NA	NA	<20 U	NA	<20 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	NA	**0.04 J**	<0.2 U	NA	**0.09 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	NA	<0.1 U	<0.2 U	NA	**0.08 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	NA	**0.02 J**	<0.2 U	NA	**0.1 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	NA	<0.1 U	<0.2 U	NA	0.06 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	NA	**0.01 J**	<0.2 U	NA	<0.2 U
Benzoic Acid	65-85-0	NS	ug/l	NA	<50 U	<50 U	NA	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	NA	<2 U	<2 U	NA	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	NA	<2 U	<2 U	NA	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	NA	<5 U	<5 U	NA	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	NA	<2 U	<2 U	NA	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	NA	<2 U	<2 U	NA	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	NA	<3 U	<3 U	NA	2.5 J
Caprolactam	105-60-2	NS	ug/l	NA	NA	<10 U	NA	<10 U
Carbazole	86-74-8	NS	ug/l	NA	1.1 J	<2 U	NA	<2 U
Chrysene	218-01-9	**0.002**	ug/l	NA	**0.02 J**	<0.2 U	NA	**0.08 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	NA	<0.1 U	<0.2 U	NA	<0.2 U
Dibenzofuran	132-64-9	NS	ug/l	NA	1.9 J	<2 U	NA	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Diethyl phthalate	84-66-2	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Fluoranthene	206-44-0	50	ug/l	NA	0.11	0.1 J	NA	0.16 J
Fluorene	86-73-7	50	ug/l	NA	0.44	0.16 J	NA	0.04 J
Hexachlorobenzene	118-74-1	0.04	ug/l	NA	<0.8 U	<0.8 U	NA	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<0.5 U	<0.5 U	NA	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	NA	<20 U	<20 U	NA	<20 U
Hexachloroethane	67-72-1	5	ug/l	NA	<0.8 U	<0.8 U	NA	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	NA	<0.1 U	<0.2 U	NA	**0.05 J**
Isophorone	78-59-1	50	ug/l	NA	<5 U	<5 U	NA	<5 U
Naphthalene	91-20-3	10	ug/l	NA	0.55 J	0.09 J	NA	<0.2 U
Nitrobenzene	98-95-3	0.4	ug/l	NA	<2 U	<2 U	NA	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	<2 U	NA	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	NA	<5 U	<5 U	NA	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	NA	<2 U	<2 U	NA	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	NA	0.06 J	<0.8 U	NA	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	NA	<0.1 U	0.42	NA	0.1 J
Phenol	108-95-2	1	ug/l	NA	<5 U	<5 U	NA	<5 U
Pyrene	129-00-0	50	ug/l	NA	0.11	0.08 J	NA	0.13 J

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB28_MW28D	C241175_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_MW29S
			Sample Name	C241175_MW28D_112916	C241175_MW28D_090921	C241175_MW29D_100516	C241175_MW29D_111017	C241175_MW29S_101116
			Sample Date	11/29/2016	09/09/2021	10/05/2016	11/10/2017	10/11/2016
			Unit	Result	Result	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.004	ug/l	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	NA	NA
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	NA	<0.083 U	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	NA	<0.083 U	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	NA	NA	<0.083 U	NA	NA
Metals - Dissolved								
Aluminum	7429-90-5	NS	ug/l	6 J	NA	35	NA	NA
Antimony	7440-36-0	3	ug/l	<4 U	NA	<4 U	NA	NA
Arsenic	7440-38-2	**25**	ug/l	23.2	NA	0.9	NA	NA
Barium	7440-39-3	1000	ug/l	554	NA	169.4	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.5 U	NA	<0.5 U	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.2 U	NA	<0.2 U	NA	NA
Calcium	7440-70-2	NS	ug/l	168,000	NA	114,000	NA	NA
Chromium, Total	7440-47-3	50	ug/l	<1.3 U	NA	0.3 J	NA	NA
Cobalt	7440-48-4	NS	ug/l	0.7	NA	9	NA	NA
Copper	7440-50-8	200	ug/l	0.6 J	NA	0.7 J	NA	NA
Iron	7439-89-6	**300**	ug/l	**23,800**	NA	161	NA	NA
Lead	7439-92-1	25	ug/l	<1 U	NA	<1 U	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**60,900**	NA	31,200	NA	NA
Manganese	7439-96-5	**300**	ug/l	**10,450**	NA	**3,567**	NA	NA
Mercury	7439-97-6	0.7	ug/l	<0.2 U	NA	<0.2 U	NA	NA
Nickel	7440-02-0	100	ug/l	1.1 J	NA	4.4	NA	NA
Potassium	7440-09-7	NS	ug/l	49,800	NA	17,200	NA	NA
Selenium	7782-49-2	10	ug/l	<5 U	NA	<5 U	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**134,000**	NA	**47,200**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	<0.5 U	NA	NA
Vanadium	7440-62-2	NS	ug/l	<5 U	NA	<5 U	NA	NA
Zinc	7440-66-6	2000	ug/l	6.3 J	NA	5.4 J	NA	NA
Metals - Total								
Aluminum	7429-90-5	NS	ug/l	687	NA	20,900	NA	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	NA	<4 U	NA	NA
Arsenic	7440-38-2	**25**	ug/l	**25.1**	NA	8.3	NA	NA
Barium	7440-39-3	1000	ug/l	586.9	NA	345.7	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.5 U	NA	1.2	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.2 U	NA	0.3	NA	NA
Calcium	7440-70-2	NS	ug/l	174,000	NA	136,000	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	NA	<10 U	NA	NA
Chromium, Total	7440-47-3	NS	ug/l	1.6	NA	45.4	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	NA	45	NA	NA
Cobalt	7440-48-4	NS	ug/l	2	NA	28.4	NA	NA
Copper	7440-50-8	200	ug/l	2.9	NA	57.2	NA	NA
Iron	7439-89-6	**300**	ug/l	**26,300**	**14,900**	**48,800**	NA	NA
Lead	7439-92-1	**25**	ug/l	1.6	NA	**31.5**	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**65,900**	NA	**38,300**	NA	NA
Manganese	7439-96-5	**300**	ug/l	**10,720**	**9,345**	**4,647**	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	NA	<0.2 U	NA	NA
Nickel	7440-02-0	100	ug/l	2.6	NA	41.4	NA	NA
Potassium	7440-09-7	NS	ug/l	48,900	NA	21,600	NA	NA
Selenium	7782-49-2	**10**	ug/l	<5 U	NA	**18**	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**140,000**	NA	**47,000**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	0.493 J	NA	NA
Vanadium	7440-62-2	NS	ug/l	3 J	NA	59.8	NA	NA
Zinc	7440-66-6	2000	ug/l	9.1 J	NA	111.7	NA	NA

Table 2
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BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB28_MW28D	C241175_MW28D	C241175_LB29_MW29D	C241175_LB29_MW29D	C241175_MW29S
			Sample Name	C241175_MW28D_112916	C241175_MW28D_090921	C241175_MW29D_100516	C241175_MW29D_111017	C241175_MW29S_101116
			Sample Date	11/29/2016	09/09/2021	10/05/2016	11/10/2017	10/11/2016
			Unit	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances								
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	0.00516	NA	0.00166 J	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	<0.00177 U	NA	<0.00172 UJ	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	<0.00177 U	NA	<0.00172 UJ	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	NA	0.0015 J	NA	0.00937 J	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	0.00772	NA	0.00133 J	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	<0.00211 U	NA	0.00465 J	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	<0.00186 U	NA	0.00866 J	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	**0.0124**	NA	**0.00425 J**	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	**0.0189**	NA	**0.0926 J**	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	<0.00177 U	NA	<0.00172 UJ	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	<0.00177 U	NA	<0.00172 UJ	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	<0.00177 U	NA	<0.00172 UJ	NA

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BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW29S
			Sample Name	C241175_MW29S_111017
			Sample Date	11/10/2017
			Unit	Result
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	NA
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA
1,1-Dichloroethane	75-34-3	5	ug/l	NA
1,1-Dichloroethene	75-35-4	5	ug/l	NA
1,1-Dichloropropene	563-58-6	5	ug/l	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	NA
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	NA
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA
1,2-Dichloropropane	78-87-5	1	ug/l	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA
1,3-Dichloropropane	142-28-9	5	ug/l	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA
2,2-Dichloropropane	594-20-7	5	ug/l	NA
2-Chlorotoluene	95-49-8	5	ug/l	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	NA
4-Chlorotoluene	106-43-4	5	ug/l	NA
4-Ethyltoluene	622-96-8	NS	ug/l	NA
Acetone	67-64-1	50	ug/l	NA
Acrolein	107-02-8	5	ug/l	NA
Acrylonitrile	107-13-1	5	ug/l	NA
Benzene	71-43-2	**1**	ug/l	NA
Bromobenzene	108-86-1	5	ug/l	NA
Bromochloromethane	74-97-5	5	ug/l	NA
Bromodichloromethane	75-27-4	50	ug/l	NA
Bromoform	75-25-2	50	ug/l	NA
Bromomethane	74-83-9	5	ug/l	NA
Carbon Disulfide	75-15-0	60	ug/l	NA
Carbon Tetrachloride	56-23-5	5	ug/l	NA
Chlorobenzene	108-90-7	5	ug/l	NA
Chloroethane	75-00-3	5	ug/l	NA
Chloroform	67-66-3	7	ug/l	NA
Chloromethane	74-87-3	5	ug/l	NA
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	NA
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA
Cyclohexane	110-82-7	NS	ug/l	NA
Cymene	99-87-6	5	ug/l	NA
Dibromochloromethane	124-48-1	50	ug/l	NA
Dibromomethane	74-95-3	5	ug/l	NA
Dichlorodifluoromethane	75-71-8	5	ug/l	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA
Ethylbenzene	100-41-4	**5**	ug/l	NA
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA
M,P-Xylene	179601-23-1	**5**	ug/l	NA
Methyl Acetate	79-20-9	NS	ug/l	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	NA
Methylcyclohexane	108-87-2	NS	ug/l	NA
Methylene Chloride	75-09-2	5	ug/l	NA
Naphthalene	91-20-3	**10**	ug/l	NA
n-Butylbenzene	104-51-8	5	ug/l	NA
n-Propylbenzene	103-65-1	**5**	ug/l	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	NA
Sec-Butylbenzene	135-98-8	5	ug/l	NA
Styrene	100-42-5	5	ug/l	NA
T-Butylbenzene	98-06-6	5	ug/l	NA
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	NA
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	NA
Toluene	108-88-3	**5**	ug/l	NA
Total Xylenes	1330-20-7	**5**	ug/l	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA
Trichloroethene (TCE)	79-01-6	**5**	ug/l	NA
Trichlorofluoromethane	75-69-4	5	ug/l	NA
Vinyl Acetate	108-05-4	NS	ug/l	NA
Vinyl Chloride	75-01-4	**2**	ug/l	NA

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Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW29S
			Sample Name	C241175_MW29S_111017
			Sample Date	11/10/2017
			Unit	Result
Semi-Volatile Organic Compounds				
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	0.0896 J
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	NA
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	NA
2,4-Dichlorophenol	120-83-2	1	ug/l	NA
2,4-Dimethylphenol	105-67-9	1	ug/l	NA
2,4-Dinitrophenol	51-28-5	1	ug/l	NA
2,4-Dinitrotoluene	121-14-2	5	ug/l	NA
2,6-Dinitrotoluene	606-20-2	5	ug/l	NA
2-Chloronaphthalene	91-58-7	10	ug/l	NA
2-Chlorophenol	95-57-8	NS	ug/l	NA
2-Methylnaphthalene	91-57-6	NS	ug/l	NA
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	NA
2-Nitroaniline	88-74-4	5	ug/l	NA
2-Nitrophenol	88-75-5	NS	ug/l	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	NA
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	NA
3-Nitroaniline	99-09-2	5	ug/l	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	NA
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	NA
4-Chloroaniline	106-47-8	5	ug/l	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	NA
4-Nitroaniline	100-01-6	5	ug/l	NA
4-Nitrophenol	100-02-7	NS	ug/l	NA
Acenaphthene	83-32-9	**20**	ug/l	NA
Acenaphthylene	208-96-8	NS	ug/l	NA
Acetophenone	98-86-2	NS	ug/l	NA
Anthracene	120-12-7	50	ug/l	NA
Atrazine	1912-24-9	7.5	ug/l	NA
Azobenzene	103-33-3	5	ug/l	NA
Benzaldehyde	100-52-7	NS	ug/l	NA
Benzidine	92-87-5	5	ug/l	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	NA
Benzo(a)pyrene	50-32-8	**0**	ug/l	NA
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	NA
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	NA
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	NA
Benzoic Acid	65-85-0	NS	ug/l	NA
Benzyl Alcohol	100-51-6	NS	ug/l	NA
Benzyl Butyl Phthalate	85-68-7	50	ug/l	NA
Biphenyl (Diphenyl)	92-52-4	5	ug/l	NA
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	NA
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	NA
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	NA
Caprolactam	105-60-2	NS	ug/l	NA
Carbazole	86-74-8	NS	ug/l	NA
Chrysene	218-01-9	**0.002**	ug/l	NA
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	NA
Dibenzofuran	132-64-9	NS	ug/l	NA
Dibutyl phthalate	84-74-2	50	ug/l	NA
Diethyl phthalate	84-66-2	50	ug/l	NA
Dimethyl phthalate	131-11-3	50	ug/l	NA
Dioctyl phthalate	117-84-0	50	ug/l	NA
Fluoranthene	206-44-0	50	ug/l	NA
Fluorene	86-73-7	50	ug/l	NA
Hexachlorobenzene	118-74-1	0.04	ug/l	NA
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA
Hexachlorocyclopentadiene	77-47-4	5	ug/l	NA
Hexachloroethane	67-72-1	5	ug/l	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	NA
Isophorone	78-59-1	50	ug/l	NA
Naphthalene	91-20-3	10	ug/l	NA
Nitrobenzene	98-95-3	0.4	ug/l	NA
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	NA
n-Nitrosodiphenylamine	86-30-6	50	ug/l	NA
Pentachlorophenol	87-86-5	**1**	ug/l	NA
Phenanthrene	85-01-8	**50**	ug/l	NA
Phenol	108-95-2	1	ug/l	NA
Pyrene	129-00-0	50	ug/l	NA

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW29S
			Sample Name	C241175_MW29S_111017
			Sample Date	11/10/2017
			Unit	Result
Pesticides				
4,4'-DDD	72-54-8	0.3	ug/l	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA
Aldrin	309-00-2	0	ug/l	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA
Dieldrin	60-57-1	0.004	ug/l	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA
Endrin	72-20-8	0	ug/l	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA
Endrin Ketone	53494-70-5	5	ug/l	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA
Heptachlor	76-44-8	0.04	ug/l	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA
Methoxychlor	72-43-5	35	ug/l	NA
Toxaphene	8001-35-2	0.06	ug/l	NA
Herbicides				
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA
Polychlorinated Biphenyl				
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA
Total PCBs	1336-36-3	**0.09**	ug/l	NA
Metals - Dissolved				
Aluminum	7429-90-5	NS	ug/l	NA
Antimony	7440-36-0	3	ug/l	NA
Arsenic	7440-38-2	**25**	ug/l	NA
Barium	7440-39-3	1000	ug/l	NA
Beryllium	7440-41-7	3	ug/l	NA
Cadmium	7440-43-9	5	ug/l	NA
Calcium	7440-70-2	NS	ug/l	NA
Chromium, Total	7440-47-3	50	ug/l	NA
Cobalt	7440-48-4	NS	ug/l	NA
Copper	7440-50-8	200	ug/l	NA
Iron	7439-89-6	**300**	ug/l	NA
Lead	7439-92-1	25	ug/l	NA
Magnesium	7439-95-4	**35000**	ug/l	NA
Manganese	7439-96-5	**300**	ug/l	NA
Mercury	7439-97-6	0.7	ug/l	NA
Nickel	7440-02-0	100	ug/l	NA
Potassium	7440-09-7	NS	ug/l	NA
Selenium	7782-49-2	10	ug/l	NA
Silver	7440-22-4	50	ug/l	NA
Sodium	7440-23-5	**20000**	ug/l	NA
Thallium	7440-28-0	0.5	ug/l	NA
Vanadium	7440-62-2	NS	ug/l	NA
Zinc	7440-66-6	2000	ug/l	NA
Metals - Total				
Aluminum	7429-90-5	NS	ug/l	NA
Antimony	7440-36-0	**3**	ug/l	NA
Arsenic	7440-38-2	**25**	ug/l	NA
Barium	7440-39-3	1000	ug/l	NA
Beryllium	7440-41-7	3	ug/l	NA
Cadmium	7440-43-9	5	ug/l	NA
Calcium	7440-70-2	NS	ug/l	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	NA
Chromium, Total	7440-47-3	NS	ug/l	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	NA
Cobalt	7440-48-4	NS	ug/l	NA
Copper	7440-50-8	200	ug/l	NA
Iron	7439-89-6	**300**	ug/l	NA
Lead	7439-92-1	**25**	ug/l	NA
Magnesium	7439-95-4	**35000**	ug/l	NA
Manganese	7439-96-5	**300**	ug/l	NA
Mercury	7439-97-6	**0.7**	ug/l	NA
Nickel	7440-02-0	100	ug/l	NA
Potassium	7440-09-7	NS	ug/l	NA
Selenium	7782-49-2	**10**	ug/l	NA
Silver	7440-22-4	50	ug/l	NA
Sodium	7440-23-5	**20000**	ug/l	NA
Thallium	7440-28-0	0.5	ug/l	NA
Vanadium	7440-62-2	NS	ug/l	NA
Zinc	7440-66-6	2000	ug/l	NA

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW29S
			Sample Name	C241175_MW29S_111017
			Sample Date	11/10/2017
			Unit	Result
Per- and Polyfluoroalkyl Substances				
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	0.00767 J
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	0.00173 J
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	<0.00178 UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	0.00183 J
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	0.00325 J
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	0.000989 J
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	0.00259 J
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	**0.0194 J**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	**0.0109 J**
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	<0.00178 UJ
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	<0.00178 UJ
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	<0.00178 UJ

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB40_MW40D	C241175_MW40S	C241175_MW46DB	C241175_MW46S	C241175_LB60_MW60D
			Sample Name	C241175_MW40D_101816	C241175_MW40S_101816	C241175_MW46DB_110317	C241175_MW46S_110617	C241175_MW60D_110317
			Sample Date	10/18/2016	10/18/2016	11/03/2017	11/06/2017	11/03/2017
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	0.56 J	<2 U	<2 U	<2 U	0.6 J
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 UJ	<1 U	<1 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 UJ	<250 UJ	<250 UJ
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 UJ	<2 U	<2 UJ
Acetone	67-64-1	50	ug/l	4.3 J	<5 U	1.8 J	4.5 J	5.8
Acrolein	107-02-8	5	ug/l	<5 U	<5 U	<5 UJ	<5 UJ	<5 UJ
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 UJ	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	0.33 J	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	1.9 J	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	1.3 J	<2.5 U	<2.5 U	<2.5 U	2.9
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	0.33 J	<10 U	<10 U	<10 U	0.39 J
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	<2 U	<2 U	<2 U	<2 UJ	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	1 J	<10 U	<10 U	<10 U	0.4 J
Methylene Chloride	75-09-2	5	ug/l	1.3 J	<2.5 U	<2.5 U	<2.5 U	0.84 J
Naphthalene	91-20-3	**10**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<10 U	<10 U	<10 UJ	<10 UJ	<10 UJ
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	10	ug/l	3.6	<2.5 U	<2.5 U	<2.5 U	3
Tetrachloroethene (PCE)	127-18-4	**5**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	1.5 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ
Trichloroethene (TCE)	79-01-6	**5**	ug/l	<0.5 U	<0.5 U	**6**	<0.5 U	2.4
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	<1 UJ	<1 UJ	<1 U	<1 U	<1 U

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB40_MW40D	C241175_MW40S	C241175_MW46DB	C241175_MW46S	C241175_LB60_MW60D
			Sample Name	C241175_MW40D_101816	C241175_MW40S_101816	C241175_MW46DB_110317	C241175_MW46S_110617	C241175_MW60D_110317
			Sample Date	10/18/2016	10/18/2016	11/03/2017	11/06/2017	11/03/2017
			Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 UJ	<4.8 U	<5 UJ
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<19 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.19 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.11 J	<0.2 U	0.07 J	0.05 J	2.2
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 UJ	<4.8 U	<5 UJ
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 UJ	<4.8 U	<5 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.59	<0.1 U	0.62	0.12	9.1
Acenaphthylene	208-96-8	NS	ug/l	<0.2 U	<0.2 U	<0.1 U	0.06 J	0.09 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Anthracene	120-12-7	50	ug/l	0.05 J	<0.2 U	0.1	0.15	2.7
Atrazine	1912-24-9	7.5	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
Azobenzene	103-33-3	5	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Benzidine	92-87-5	5	ug/l	<20 UJ	<20 UJ	<20 UJ	<19 U	<20 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.03 J**	**0.02 J**	**0.04 J**	**0.4**	**0.21**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.2 U	<0.2 U	<0.1 U	**0.51**	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.02 J**	<0.2 U	**0.02 J**	**0.62**	**0.05 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.2 U	<0.2 U	<0.1 U	0.37	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.2 U	<0.2 U	<0.1 U	**0.24**	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 UJ	<48 U	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<2.9 U	<3 U
Caprolactam	105-60-2	NS	ug/l	<10 U	<10 U	<10 U	<9.7 U	<10 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	2
Chrysene	218-01-9	**0.002**	ug/l	<0.2 U	<0.2 U	<0.1 U	**0.39**	**0.2**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.2 U	<0.2 U	<0.1 U	0.1	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	3.4
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.06 J	<0.2 U	0.13	0.56	4.4
Fluorene	86-73-7	50	ug/l	0.1 J	<0.2 U	0.32	0.08 J	3.5
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.48 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<19 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.2 U	<0.2 U	<0.1 U	**0.43**	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.2	<0.2 U	0.21	0.1	4.1
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	<2 U	<2 UJ	<1.9 U	<2 UJ
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U
Pentachlorophenol	87-86-5	**1**	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	**1.2**
Phenanthrene	85-01-8	**50**	ug/l	0.19 J	<0.2 U	0.24	0.28	19
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U
Pyrene	129-00-0	50	ug/l	0.05 J	<0.2 U	0.16	0.55	2.5

Table 2
BCP Amendment Application
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BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB40_MW40D	C241175_MW40S	C241175_MW46DB	C241175_MW46S	C241175_LB60_MW60D
			Sample Name	C241175_MW40D_101816	C241175_MW40S_101816	C241175_MW46DB_110317	C241175_MW46S_110617	C241175_MW60D_110317
			Sample Date	10/18/2016	10/18/2016	11/03/2017	11/06/2017	11/03/2017
			Unit	Result	Result	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.004	ug/l	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	NA	NA
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	0.197	<0.083 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
Total PCBs	1336-36-3	**0.09**	ug/l	<0.083 U	<0.083 U	<0.083 U	**0.197**	<0.083 U
Metals - Dissolved								
Aluminum	7429-90-5	NS	ug/l	<10 U	<10 U	13.2	11	55.8
Antimony	7440-36-0	3	ug/l	<5 U	<5 U	<4 U	0.96 J	<4 U
Arsenic	7440-38-2	**25**	ug/l	1.59	2.72	0.26 J	12.34	**27.27**
Barium	7440-39-3	1000	ug/l	126.2	363.3	146.7	220.2	215.8
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	113,000	223,000	152,000	163,000	106,000
Chromium, Total	7440-47-3	50	ug/l	<1 U	<1 U	0.52 J	0.59 J	0.29 J
Cobalt	7440-48-4	NS	ug/l	0.24 J	1.38	4.32	0.57	0.78
Copper	7440-50-8	200	ug/l	<1 U	0.53 J	2.26	1.75	2.16
Iron	7439-89-6	**300**	ug/l	**8,650**	**2,630**	203	**21,600**	**21,700**
Lead	7439-92-1	25	ug/l	<1 U	0.4 J	0.54 J	<1 U	17.6
Magnesium	7439-95-4	**35000**	ug/l	**40,700**	**50,000**	34,400	24,200	**40,900**
Manganese	7439-96-5	**300**	ug/l	**2,521**	**732.9**	**11,130**	**1,901**	**1,940**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	0.1 J	<0.2 U
Nickel	7440-02-0	100	ug/l	0.68 J	1.62 J	2.75	1.87 J	0.98 J
Potassium	7440-09-7	NS	ug/l	20,600	35,300	7,740	34,100	25,100
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**110,000**	**466,000**	**20,600**	**174,000**	**177,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	<5 U	1.75 J	<5 U	1.62 J	<5 U
Zinc	7440-66-6	2000	ug/l	5.51 J	13.91	12.82	4.2 J	5.82 J
Metals - Total								
Aluminum	7429-90-5	NS	ug/l	1,010	104	969	13,300	2,100
Antimony	7440-36-0	**3**	ug/l	<4 U	0.5 J	<4 U	1.64 J	<4 U
Arsenic	7440-38-2	**25**	ug/l	1.8	2.8	0.6	20.52	**28.46**
Barium	7440-39-3	1000	ug/l	129.7	385.9	146.4	386	226.6
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	1.04	0.21 J
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	0.46	<0.2 U
Calcium	7440-70-2	NS	ug/l	117,000	242,000	147,000	156,000	102,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	2.9	0.4 J	5.25	27.79	4.43
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U	28	<10 U
Cobalt	7440-48-4	NS	ug/l	0.9	1.3	5.44	9.41	2.26
Copper	7440-50-8	200	ug/l	3.6	0.97 J	5.32	61.05	7.82
Iron	7439-89-6	**300**	ug/l	**10,100**	**2,760**	**2,940**	**40,600**	**24,800**
Lead	7439-92-1	**25**	ug/l	11.7	8.8	2.27	**534.3**	10.36
Magnesium	7439-95-4	**35000**	ug/l	**41,100**	**53,100**	34,600	25,400	**40,500**
Manganese	7439-96-5	**300**	ug/l	**2,607**	**764**	**11,380**	**2,185**	**1,883**
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	<0.2 U	0.15 J	**2.68**	0.14 J
Nickel	7440-02-0	100	ug/l	2.3	1.4 J	5.54	22.74	4.14
Potassium	7440-09-7	NS	ug/l	20,800	39,900	8,000	31,600	24,500
Selenium	7782-49-2	**10**	ug/l	2 J	<5 U	<5 U	3.9 J	3.4 J
Silver	7440-22-4	50	ug/l	<0.3 U	<0.4 U	<0.4 U	0.5	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**105,000**	**528,000**	**20,100**	**170,000**	**163,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	0.21 J	<0.5 U
Vanadium	7440-62-2	NS	ug/l	2.9 J	2.1 J	4.46 J	37.93	7.22
Zinc	7440-66-6	2000	ug/l	10.6	17.8	19.53	244.2	23.07

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Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_LB40_MW40D	C241175_MW40S	C241175_MW46DB	C241175_MW46S	C241175_LB60_MW60D
			Sample Name	C241175_MW40D_101816	C241175_MW40S_101816	C241175_MW46DB_110317	C241175_MW46S_110617	C241175_MW60D_110317
			Sample Date	10/18/2016	10/18/2016	11/03/2017	11/06/2017	11/03/2017
			Unit	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances								
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA

Table 2
BCP Amendment Application
Groundwater Sample Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340208

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

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.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 3
BCP Amendment Application
Sub-Slab Vapor and Indoor Air Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175B
Langan Project No.: 170340208

Analyte	CAS Number	NYSDOH AGVs	Location	C241175_SSV07_IA07		C241175_SSV09_IA09	
			Sample Name	C241175_IA07_100516	C241175_SSV07_100516	C241175_IA09_100516	C241175_SSV09_100516
			Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016
			Sample Type	IA	SSV	IA	SSV
			Unit	Result	Result	Result	Result
Volatile Organic Compounds							
1,1,1-Trichloroethane	71-55-6	NS	ug/m3	<0.109 U	<1.09 U	<0.109 U	<1.09 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.37 U	<1.37 U	<1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.53 U	<1.53 U	<1.53 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.09 U	<1.09 U	<1.09 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 U
1,1-Dichloroethene	75-35-4	NS	ug/m3	<0.079 U	<0.793 U	<0.079 U	<0.793 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.48 U	<1.48 U	<1.48 U
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	4.69	3.09	50.6	24.9
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.54 U	<1.54 U	<1.54 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<0.924 U	<0.924 U	<0.924 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.4 U	<1.4 U	<1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	1.27	<0.983 U	12.5	6.34
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	<0.442 U	<0.442 U	1.86
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<0.721 U	<0.721 U	<0.721 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	0.967	<0.934 R	<0.934 U	<0.934 R
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	<0.82 U	<0.82 U	<0.82 U
4-Ethyltoluene	622-96-8	NS	ug/m3	1.07	<0.983 U	7.92	4.79
Acetone	67-64-1	NS	ug/m3	16.3	145	27.6	523
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.626 U	<0.626 U	<0.626 U
Benzene	71-43-2	NS	ug/m3	0.799	3.99	0.732	5.56
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.04 U	<1.04 U	<1.04 U
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.34 U	<1.34 U	<1.34 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.874 U	<0.874 U	<0.874 U
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<2.07 U	<2.07 U	<2.07 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.777 U	<0.777 U	<0.777 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	8.66	<0.623 U	27.5
Carbon Tetrachloride	56-23-5	NS	ug/m3	0.459	<1.26 U	0.472	<1.26 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<0.921 U	<0.921 U	<0.921 U
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<0.528 U	<0.528 U	<0.528 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	4.02	<0.977 U	4.98
Chloromethane	74-87-3	NS	ug/m3	1.02	0.917	1.04	0.822
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.079 U	<0.793 U	<0.079 U	1.31
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 U
Cyclohexane	110-82-7	NS	ug/m3	2.78	6.88	0.819	6.85
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.7 U	<1.7 U	<1.7 U
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.17	2.25	3.05	1.79
Ethanol	64-17-5	NS	ug/m3	29.8	154	345	153
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	<1.8 U	6.92	<1.8 U
Ethylbenzene	100-41-4	NS	ug/m3	1.51	2.67	4.1	4.86
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.13 U	<2.13 U	<2.13 U
Isopropanol	67-63-0	NS	ug/m3	2.68	7.28	4.18	15.5
M,P-Xylene	179601-23-1	NS	ug/m3	4.2	8.51	13.3	16
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	2.13	17.7	3.33	14.2
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	3.29	5.82	4.59 J
Methylene Chloride	75-09-2	60	ug/m3	5.14	5.18	8.86	6.81
n-Heptane	142-82-5	NS	ug/m3	0.836	8.97	2.33	12.3
n-Hexane	110-54-3	NS	ug/m3	1.32	61.7	1.93	73.3
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	1.9	3.02	6.34	6.12
Styrene	100-42-5	NS	ug/m3	3.41	1.52	2.42	1.9
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	3.61	<1.52 U	4.67
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	NS	ug/m3	<0.721 U	<0.721 U	<0.721 U	2.36
Tetrachloroethene (PCE)	127-18-4	30	ug/m3	0.726	<1.36 U	0.78	<1.36 U
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	2.48	17.4	2.07
Toluene	108-88-3	NS	ug/m3	7.16	19.1	16.8	26.3
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.793 U	<0.793 U	<0.793 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 U
Trichloroethene (TCE)	79-01-6	2	ug/m3	0.129	<1.07 U	0.253	<1.07 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.28	1.23	1.29	1.25
Vinyl Chloride	75-01-4	NS	ug/m3	<0.051 U	<0.511 U	<0.051 U	1.18

Table 3
BCP Amendment Application
Sub-Slab Vapor and Indoor Air Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340208

Notes:

IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).

Ambient air sample analytical results are shown for reference only.

Qualifiers:

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

R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDOH AGVs

Table 3
BCP Amendment Application
Sub-Slab Vapor and Indoor Air Analytical Results Summary

BL27 SCA Parcel
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340208

Analyte	CAS Number	NYSDOH Decision Matrix (IA)		NYSDOH Decision Matrix (SSV)		Location	C241175_SSV07_IA07		C241175_SSV09_IA09	
						Sample Name	C241175_IA07_100516	C241175_SSV07_100516	C241175_IA09_100516	C241175_SSV09_100516
						Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016
						Sample Type	IA	SSV	IA	SSV
						Unit	Result	Result	Result	Result
Volatile Organic Compounds										
1,1,1-Trichloroethane	71-55-6	3	10	100	1000	ug/m3	<0.109	<1.09	<0.109	<1.09
1,1-Dichloroethene	75-35-4	0.2	1	6	60	ug/m3	<0.079	<0.793	<0.079	<0.793
1,2,4-Trimethylbenzene	95-63-6	2	10	60	600	ug/m3	4.69	3.09	50.6	24.9
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	2	10	60	600	ug/m3	1.27	<0.983	12.5	6.34
2,2,4-Trimethylpentane	540-84-1	2	10	60	600	ug/m3	0.967	<0.934	<0.934	<0.934
Benzene	71-43-2	2	10	60	600	ug/m3	0.799	3.99	0.732	5.56
Carbon Tetrachloride	56-23-5	0.2	1	6	60	ug/m3	0.459	<1.26	0.472	<1.26
Cis-1,2-Dichloroethene	156-59-2	0.2	1	6	60	ug/m3	<0.079	<0.793	<0.079	1.31
Cyclohexane	110-82-7	2	10	60	600	ug/m3	2.78	6.88	0.819	6.85
Ethylbenzene	100-41-4	2	10	60	600	ug/m3	1.51	2.67	4.1	4.86
M,P-Xylene	179601-23-1	6	20	200	2000	ug/m3	4.2	8.51	13.3	16
Methylene Chloride	75-09-2	3	10	100	1000	ug/m3	5.14	5.18	8.86	6.81
n-Heptane	142-82-5	6	20	200	2000	ug/m3	0.836	8.97	2.33	12.3
n-Hexane	110-54-3	6	20	200	2000	ug/m3	1.32	61.7	1.93	73.3
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2	10	60	600	ug/m3	1.9	3.02	6.34	6.12
Tetrachloroethene (PCE)	127-18-4	3	10	100	1000	ug/m3	0.726	<1.36	0.78	<1.36
Toluene	108-88-3	10	50	300	3000	ug/m3	7.16	19.1	16.8	26.3
Trichloroethene (TCE)	79-01-6	0.2	1	6	60	ug/m3	0.129	<1.07	0.253	<1.07
Vinyl Chloride	75-01-4	0	0.2	6	60	ug/m3	<0.051	<0.511	<0.051	1.18

Notes:
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2024).

Exceedance Summary:
10 - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation is recommended

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB26_MW26D	C241175_LB26_MW26D	C241175_LB26_MW26D
					Sample Name	C241175_LB24_1-2	C241175_LB24_7-8	C241175_LB24_18-19	C241175_LB25_0.5-1.5	C241175_LB25_10.5-11.5	C241175_LB25_19-20	C241175_SODUP04_100616	C241175_LB26_1-2	C241175_LB26_6-7	C241175_LB26_12-13
					Sample Date	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	09/30/2016	09/30/2016	09/30/2016
					Sample Depth	1-2	7-8	18-19	0.5-1.5	10.5-11.5	19-20	19-20	1-2	6-7	12-13
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 U	<0.0011 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 UJ	<0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.03 U	<1.2 U	<0.021 U	<1.7 U	<13 U	<0.021 U	<0.02 U	<0.026 U	<0.032 U	<0.022 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0022 U	<0.088 U	<0.0016 U	<0.13 U	<1 U	<0.0016 U	<0.0015 U	<0.002 UJ	<0.0024 U	<0.0016 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0022 U	<0.088 U	<0.0016 U	<0.13 U	<1 U	<0.0016 U	<0.0015 U	<0.002 U	<0.0024 U	<0.0016 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	0.00026 J	<0.0081 UJ	<0.0054 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 UJ	<0.016 UJ	<0.011 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0059 U	1.3	<0.0042 U	<0.35 U	1.1 J	<0.0043 U	<0.0039 U	<0.0053 UJ	<0.0065 UJ	0.0054
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	0.00054 J	<0.0081 UJ	<0.0054 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.0074 U	0.073 J	<0.0052 U	<0.43 U	1.8 J	<0.0054 U	<0.0049 U	0.00043 J	0.00034 J	0.00088 J
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 UJ	<0.0054 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0059 U	<0.23 U	<0.0042 U	<0.35 U	<2.7 U	<0.0043 U	<0.0039 U	<0.0053 U	<0.0065 U	<0.0043 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0074 U	0.022 J	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	0.0041 J	<0.0081 UJ	<0.0054 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 U	<0.0011 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0052 U	<0.2 U	<0.0036 U	<0.3 U	<2.4 U	<0.0037 U	<0.0034 U	<0.0046 U	<0.0056 U	<0.0038 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0074 U	0.046 J	<0.0052 U	<0.43 U	0.29 J	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	0.0022 J
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	0.00073 J	<0.0081 UJ	<0.0054 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 U	<0.0054 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	0.0018 J	<0.0081 UJ	<0.0054 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0059 U	0.46	<0.0042 U	<0.35 U	1.7 J	<0.0043 U	<0.0039 U	<0.0053 U	<0.0065 U	<0.0043 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.15 U	<5.8 U	<0.1 U	<8.7 U	<67 U	<0.11 U	<0.099 U	<0.13 U	<0.16 U	<0.11 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 UJ	<0.016 U	<0.011 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0059 U	0.098 J	<0.0042 U	<0.35 U	0.73 J	<0.0043 U	<0.0039 U	0.00043 J	<0.0065 UJ	0.0017 J
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	0.0074 J	<0.58 U	0.025	**0.62 J**	**0.78 J**	0.022	0.01	<0.013 U	**0.046**	<0.024 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.037 U	<1.5 U	<0.026 U	<2.2 U	<17 U	<0.027 U	<0.025 U	<0.033 U	<0.04 U	<0.027 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	<0.011 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	**0.19 J**	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 UJ	<0.0054 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0059 U	<0.23 U	<0.0042 U	<0.35 U	<2.7 U	<0.0043 U	<0.0039 U	<0.0053 UJ	<0.0065 UJ	<0.0043 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.003 U	<0.12 U	<0.0021 U	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 U	<0.0032 U	<0.0022 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	0.0067 J
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 U	<0.0011 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.003 U	<0.12 U	<0.0021 U	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 U	<0.0032 U	<0.0022 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0022 U	<0.088 U	<0.0016 U	<0.13 U	<1 U	<0.0016 U	<0.0015 U	<0.002 U	<0.0024 U	<0.0016 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0015 U	<0.058 U	0.00031 J	<0.087 U	<0.67 U	0.00036 J	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.03 U	0.058 J	<0.021 U	<1.7 U	<13 U	<0.021 U	<0.02 U	0.002 J	<0.032 U	0.19
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0015 U	0.014 J	<0.001 U	0.52	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 UJ	0.00015 J
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	<0.011 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	<0.011 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0015 U	0.031 J	<0.001 U	<0.087 U	0.32 J	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 U	0.00017 J
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 UJ	<0.0054 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0015 U	0.58	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 UJ	0.0092
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.003 U	0.13	<0.0021 U	<0.17 U	0.98 J	<0.0021 U	<0.002 U	<0.0026 UJ	<0.0032 U	0.005
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.03 U	0.41 J	<0.021 U	<1.7 U	<13 U	<0.021 U	<0.02 U	<0.026 U	<0.032 U	<0.022 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.015 U	<0.58 U	<0.01 U	**0.39 J**	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	0.004 J	<0.011 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 UJ	<0.016 U	<0.011 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0059 U	0.79 J	0.0009 J	<0.35 U	0.16 J	<0.0043 U	<0.0039 U	0.0068	0.0019 J	0.52
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	<0.011 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0074 U	1.8	0.00023 J	0.044 J	2.1 J	<0.0054 U	<0.0049 U	0.00072 J	0.00052 J	0.0015 J
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0015 U	0.16	<0.001 U	<0.087 U	3.8	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 UJ	0.001 J
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0015 U	0.22	<0.001 U	<0.087 U	1.3	<0.0011 U	<0.00099 U	<0.0013 UJ	0.0005 J	0.0098
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.003 U	0.085 J	<0.0021 U	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 UJ	<0.0032 U	0.0018 J
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0015 U	0.1	<0.001 U	<0.087 U	8.1	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 UJ	0.0027
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.003 U	<0.12 U	<0.0021 U	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 UJ	<0.0032 U	<0.0022 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	2.9 J	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 UJ	0.00053 J
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.089 U	<3.5 U	<0.062 U	<5.2 U	<40 U	<0.064 U	<0.059 U	<0.079 U	0.017 J	0.004 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.003 U	<0.12 U	0.0038	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 U	<0.0032 U	0.002 J
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0015 U	<0.058 U	<0.001 U	0.4	<0.67 U	<0.0011 U	<0.00099 U	0.054 J	0.091	<0.0011 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.0022 U	<0.088 U	0.0016	0.16	0.33 J	0.0027	0.002	<0.002 U	<0.0024 U	<0.006 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.003 U	0.22 J	<0.0021 U	<0.17 U	**0.98 J**	<0.0021 U	<0.002 U	<0.0026 U	<0.0032 U	0.0068 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 U	<0.0016 U	<0.0011 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0022 U	<0.088 U	<0.0016 U	<0.13 U	<1 U	<0.0016 U	<0.0015 U	<0.002 U	<0.0024 U	<0.0016 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0015 U	<0.058 U	<0.001 U	<0.087 U	<0.67 U	<0.0011 U	<0.00099 U	<0.0013 UJ	<0.0016 U	<0.0011 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 UJ	<0.0081 UJ	<0.0054 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0015 U	<0.058 U	<0.001 U	0.22	<0.67 U	<0.0011 U	<0.00099 U	0.0015	0.00044 J	<0.0011 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0074 U	<0.29 U	<0.0052 U	<0.43 U	<3.4 U	<0.0054 U	<0.0049 U	<0.0066 U	<0.0081 U	<0.0054 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.015 U	<0.58 U	<0.01 U	<0.87 U	<6.7 U	<0.011 U	<0.0099 U	<0.013 U	<0.016 U	<0.011 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.003 U	<0.12 U	<0.0021 U	<0.17 U	<1.3 U	<0.0021 U	<0.002 U	<0.0026 U	<0.0032 U	<0.0022 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB26_MW26D	C241175_LB26_MW26D	C241175_LB26_MW26D
					Sample Name	C241175_LB24_1-2	C241175_LB24_7-8	C241175_LB24_18-19	C241175_LB25_0.5-1.5	C241175_LB25_10.5-11.5	C241175_LB25_19-20	C241175_SODUP04_100616	C241175_LB26_1-2	C241175_LB26_6-7	C241175_LB26_12-13
					Sample Date	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	09/30/2016	09/30/2016	09/30/2016
					Sample Depth	1-2	7-8	18-19	0.5-1.5	10.5-11.5	19-20	19-20	1-2	6-7	12-13
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	0.41	<0.22 U	<0.21 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	0.054 J	<0.22 U	<0.21 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	0.18 J	<0.22 U	<0.21 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 U	<0.23 U	<0.12 U	<0.12 U	<0.6 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.13 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.17 U	<0.35 U	<0.18 U	<0.18 U	<0.9 U	<0.19 U	<0.19 U	<0.17 U	<0.2 U	<0.19 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.89 U	<1.9 U	<0.97 U	<0.95 U	<4.8 U	<1 U	<1 U	<0.9 U	<1.1 U	<1 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.22 U	0.3 J	<0.24 U	0.035 J	0.33 J	<0.25 U	<0.25 U	0.11 J	0.044 J	<0.25 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.4 U	<0.84 U	<0.44 U	<0.43 U	<2.2 U	<0.45 U	<0.45 U	<0.4 U	<0.48 U	<0.45 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.27 U	<0.56 U	<0.29 U	0.041 J	<1.4 U	<0.3 U	<0.3 U	<0.27 U	<0.32 U	<0.3 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.19 UJ	<0.39 UJ	<0.2 UJ	<0.2 UJ	<1 UJ	<0.21 UJ	<0.21 UJ	<0.19 U	<0.22 U	<0.21 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.48 U	<1 U	<0.52 U	<0.51 U	<2.6 U	<0.54 U	<0.54 U	<0.49 U	<0.58 U	<0.55 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.26 U	<0.54 U	<0.28 U	<0.28 U	<1.4 U	<0.29 U	<0.29 U	<0.26 U	<0.31 U	<0.29 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	<0.15 U	0.81	<0.16 U	0.12 J	3.1	0.034 J	0.046 J	0.16	0.038 J	<0.17 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.15 U	<0.31 U	<0.16 U	0.086 J	0.36 J	<0.17 U	<0.17 U	0.27	<0.18 U	<0.17 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.11 U	1.3	<0.12 U	0.26	5.2	<0.12 U	<0.12 U	0.43	0.15	<0.13 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.15 U	<0.31 U	<0.16 U	<0.16 U	<0.8 U	<0.17 U	<0.17 U	<0.15 U	<0.18 U	<0.17 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.24 UJ	<0.51 UJ	<0.27 UJ	<0.26 UJ	<1.3 UJ	<0.27 UJ	<0.28 UJ	<0.25 U	<0.3 U	<0.28 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.61 U	<1.3 U	<0.66 U	<0.65 U	<3.3 U	<0.69 U	<0.69 U	<0.62 U	<0.74 U	<0.69 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.15	**3**	<0.12 U	0.88	**22**	<0.12 U	<0.12 U	0.94	0.82	<0.13 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	0.12 J	**4.2**	<0.16 U	**1.4**	**56**	<0.17 U	<0.17 U	**1.1**	0.86	<0.17 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	0.068 J	**4.4**	<0.12 U	**1.5**	**52**	<0.12 U	<0.12 U	**1.3**	0.5	<0.13 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	0.14 J	**2.5**	<0.16 U	**1.4**	**34**	<0.17 U	<0.17 U	**1.3**	**1**	<0.17 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	<0.11 U	**1.6**	<0.12 U	0.45	**16**	<0.12 U	<0.12 U	0.44	0.15	<0.13 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.6 U	<1.2 U	<0.65 U	<0.64 U	<3.2 U	<0.67 U	<0.68 U	<0.61 U	<0.73 U	<0.68 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.42 UJ	<0.88 UJ	<0.46 UJ	<0.45 UJ	<2.3 UJ	<0.47 UJ	<0.48 UJ	<0.43 U	<0.51 U	<0.48 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.42 U	<0.22 U	<0.21 U	<1.1 U	<0.22 U	<0.23 U	<0.2 U	<0.24 U	<0.23 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.17 U	<0.35 U	<0.18 U	<0.18 U	<0.9 U	<0.19 U	<0.19 U	<0.17 U	<0.2 U	<0.19 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.22 U	<0.46 U	<0.24 U	<0.24 U	<1.2 U	<0.25 U	<0.25 U	<0.22 U	<0.27 U	<0.25 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 UJ
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.19 UJ	<0.39 UJ	<0.2 UJ	0.12 J	2.2 J	<0.21 UJ	<0.21 UJ	0.15 J	<0.22 U	<0.21 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	0.19	**2.9**	<0.12 U	0.97	**22**	<0.12 U	<0.12 U	**1.1**	0.98	<0.13 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.032 J	**0.78**	<0.12 U	0.26	**7.6**	<0.12 U	<0.12 U	0.24	0.18	<0.13 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.19 U	<0.39 U	<0.2 U	0.062 J	0.84 J	<0.21 U	<0.21 U	0.12 J	0.031 J	<0.21 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	0.097 J	4.4	<0.12 U	1.7	23	<0.12 U	<0.12 U	1.8	0.48	<0.13 U
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.19 U	0.66	<0.2 U	0.082 J	1.6	<0.21 U	<0.21 U	0.15 J	0.036 J	<0.21 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.11 U	<0.23 U	<0.12 U	<0.12 U	<0.6 U	<0.12 U	<0.12 U	<0.11 U	<0.13 U	<0.13 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.53 U	<1.1 U	<0.58 U	<0.56 U	<2.9 U	<0.6 U	<0.6 U	<0.54 U	<0.64 U	<0.6 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.31 U	<0.16 U	<0.16 U	<0.8 U	<0.17 U	<0.17 U	<0.15 U	<0.18 U	<0.17 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	0.052 J	**2.9**	<0.16 U	**1.2**	**38**	<0.17 U	<0.17 U	**1.1**	0.37	<0.17 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.17 U	<0.35 U	<0.18 U	<0.18 U	<0.9 U	<0.19 U	<0.19 U	<0.17 U	<0.2 U	<0.19 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.19 U	0.68	<0.2 U	0.077 J	1	0.035 J	0.051 J	0.29	<0.22 U	<0.21 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.17 U	<0.35 U	<0.18 U	<0.18 U	<0.9 U	<0.19 U	<0.19 U	<0.17 U	<0.2 U	<0.19 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.37 U	<0.78 U	<0.4 U	<0.39 U	<2 U	<0.42 U	<0.42 U	<0.37 U	<0.45 U	<0.42 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.31 U	<0.16 U	<0.16 U	<0.8 U	<0.17 U	<0.17 U	<0.15 U	<0.18 U	<0.17 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.15 U	<0.31 U	<0.16 U	<0.16 U	<0.8 U	<0.17 U	<0.17 U	<0.15 U	<0.18 U	<0.17 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	0.096 J	**3.8**	<0.12 U	**1.2**	**12**	<0.12 U	<0.12 U	**1.7**	0.48	<0.13 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.19 U	<0.39 U	<0.2 U	<0.2 U	<1 U	<0.21 U	<0.21 U	<0.19 U	<0.22 U	<0.21 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	0.18	4.1	<0.12 U	1.6	22	<0.12 U	<0.12 U	1.8	0.9	0.026 J

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB24_MW24D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB25_MW25D	C241175_LB26_MW26D	C241175_LB26_MW26D	C241175_LB26_MW26D
					Sample Name	C241175_LB24_1-2	C241175_LB24_7-8	C241175_LB24_18-19	C241175_LB25_0.5-1.5	C241175_LB25_10.5-11.5	C241175_LB25_19-20	C241175_SODUP04_100616	C241175_LB26_1-2	C241175_LB26_6-7	C241175_LB26_12-13
					Sample Date	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	10/06/2016	09/30/2016	09/30/2016	09/30/2016
					Sample Depth	1-2	7-8	18-19	0.5-1.5	10.5-11.5	19-20	19-20	1-2	6-7	12-13
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	<0.00178 U	NA	NA	0.00144 J	NA	NA	NA	<0.00174 U	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	0.00155 J	NA	NA	**0.0567 J**	NA	NA	NA	<0.00326 U	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.000744 U	NA	NA	<0.000801 U	NA	NA	NA	<0.000725 U	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	<0.00223 U	NA	NA	<0.0024 U	NA	NA	NA	<0.00217 U	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0145 U	NA	NA	<0.0156 U	NA	NA	NA	<0.0141 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00112 U	NA	NA	<0.0012 U	NA	NA	NA	<0.00109 U	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.000744 U	NA	NA	<0.000801 U	NA	NA	NA	<0.000725 U	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.000744 U	NA	NA	<0.000801 U	NA	NA	NA	<0.000725 U	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00223 U	NA	NA	<0.0024 U	NA	NA	NA	<0.00217 U	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00178 U	NA	NA	<0.00192 U	NA	NA	NA	<0.00174 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.000744 U	NA	NA	<0.000801 U	NA	NA	NA	<0.000725 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	0.00109 J	NA	NA	0.00668 J	NA	NA	NA	<0.00217 U	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	<0.000892 U	NA	NA	<0.000962 U	NA	NA	NA	<0.00087 U	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00335 U	NA	NA	<0.00361 U	NA	NA	NA	<0.00326 U	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00335 U	NA	NA	<0.00361 U	NA	NA	NA	<0.00326 U	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0335 U	NA	NA	<0.0361 U	NA	NA	NA	<0.0326 U	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.186 U	NA	NA	<0.202 U	NA	NA	NA	<0.187 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.186 U	NA	NA	<0.202 U	NA	NA	NA	<0.187 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.186 U	NA	NA	<0.202 U	NA	NA	NA	<0.187 U	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	0.00733 J	<0.0441 U	<0.0417 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	<0.0371 U	<0.0441 U	<0.0417 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0357 U	<0.0383 U	<0.0395 U	<0.0394 U	<0.0395 U	<0.0412 U	<0.0416 U	0.00733 J	<0.0441 U	<0.0417 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	1,500	2,800	5,700	3,300	3,200	6,000	6,200	2,300	2,000	6,400
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.4 U	0.76 J	<4.7 U	14	<4.8 U	<5 U	<5 U	3.1 J	<5.3 U	<4.8 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	7.7	3.6	2.5	**30**	**15**	3.7	4.3	**16**	6.1	0.69 J
Barium	7440-39-3	**410**	820	410	mg/kg	28	57	17	**560**	30	8	8	340	41	22
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.13 J	0.17 J	0.28 J	0.3 J	0.26 J	0.13 J	0.15 J	0.23 J	0.17 J	0.22 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	0.21 J	0.65 J	0.3 J	**13**	1.3	0.26 J	0.27 J	1.7	0.22 J	0.07 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	1,800	820	370	20,000	2,200	1,100	1,100	11,000	4,800	550
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.9 UJ	<0.94 UJ	<0.98 UJ	<0.97 UJ	<0.97 UJ	<1 UJ	<1 UJ	0.67 J	<1.1 UJ	<1 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	5.1	9.4	9.7	43	8.3	8.2	9.4	14	7.3	9.5
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	5.1	9.4	9.7	**43**	8.3	8.2	9.4	13 J	7.3	9.5
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.6	2	4.4	5.8	32	15	14	4.2	3.6	3.9
Copper	7440-50-8	**50**	1720	280	mg/kg	26	12	7.6	**820**	**150**	14	13	**96**	26	6.7
Iron	7439-89-6	NS	NS	NS	mg/kg	5,800	6,200	14,000	24,000	50,000	9,600	10,000	29,000	5,600	11,000
Lead	7439-92-1	**63**	450	400	mg/kg	8.3	**110**	4.8	**9,600**	27	5.6	6.3	**400**	30	6
Magnesium	7439-95-4	NS	NS	NS	mg/kg	560	1,200	2,100	600	340	2,400	2,600	1,400	410	2,600
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	78	52	110	1,100	610	82	85	170	55	68
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	0.03 J	0.1	<0.08 U	**1**	0.06 J	<0.08 U	<0.08 U	**0.8**	0.1	0.02 J
Nickel	7440-02-0	**30**	130	320	mg/kg	11	5.4	11	12	**85**	**48**	**37**	13	7.8	13
Potassium	7440-09-7	NS	NS	NS	mg/kg	310	450	380	390	230 J	490	500	780	590	460
Selenium	7782-49-2	3.9	4	110	mg/kg	0.81 J	2.4	<1.9 U	0.92 J	1.4 J	<2 U	<2 U	2.2	1.1 J	<1.9 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.88 U	<0.92 U	<0.94 U	0.65 J	<0.96 U	<1 U	<1 U	<0.86 U	<1 U	<0.96 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	1,400	500	62 J	450	140 J	77 J	70 J	770	1,000	480
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.8 U	<1.9 U	<1.8 U	<1.9 U	<2 U	<2 U	<1.7 U	<2.1 U	<1.9 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	7.8	7.8	13	16	16	7.5	8.2	16	9.2	12
Zinc	7440-66-6	**109**	2480	6600	mg/kg	19	**1,100**	31	**16,000**	**110**	46	48	**770**	**210**	28
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB26_MW26D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB31_MW31D	C241175_LB31_MW31D
					Sample Name	C241175_LB26_20-21	C241175_LB27_1-2	C241175_SODUP07_110516	C241175_LB27_8-9	C241175_LB27_21-22	C241175_LB30_1-2	C241175_LB30_4-5	C241175_LB30_11-12	C241175_LB31_1-2	C241175_LB31_7-8
					Sample Date	09/30/2016	11/05/2016	11/05/2016	11/05/2016	11/05/2016	10/03/2016	10/03/2016	10/03/2016	10/10/2016	10/10/2016
					Sample Depth	20-21	1-2	1-2	8-9	21-22	1-2	4-5	11-12	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0007 U	0.0013 J	0.0013	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	0.00037 J
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.014 U	<0.03 U	<0.02 U	<1.3 U	<0.021 U	<0.021 UJ	<0.92 UJ	<0.018 UJ	<0.031 U	<0.027 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.001 U	<0.0022 U	<0.0015 U	<0.096 U	<0.0016 U	<0.0016 U	<0.069 U	<0.0013 U	<0.0023 U	<0.002 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.001 U	0.00032 J	0.00028 J	<0.096 U	<0.0016 U	<0.0016 U	<0.069 U	<0.0013 U	<0.0023 U	<0.002 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 UJ	<0.046 UJ	<0.0009 UJ	<0.0015 U	<0.0013 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	0.0002 J	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 UJ	<0.46 UJ	<0.009 UJ	<0.015 U	<0.013 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0025 J	0.0012 J	0.00085 J	8.7	0.0014 J	<0.0042 U	0.074 J	<0.0036 U	<0.0062 U	<0.0054 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	0.00041 J	0.00072 J	0.0005 J	1.5	<0.0052 U	0.00016 J	0.074 J	<0.0045 UJ	<0.0077 U	<0.0067 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 UJ	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0028 U	<0.006 U	<0.0041 U	<0.26 U	<0.0042 U	<0.0042 U	<0.18 U	<0.0036 U	<0.0062 U	<0.0054 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0024 U	<0.0052 U	<0.0036 U	<0.22 U	<0.0037 U	<0.0037 U	<0.16 U	<0.0031 U	<0.0054 U	<0.0047 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	0.31 J	<0.0052 U	<0.0052 UJ	0.062 J	<0.0045 UJ	<0.0077 U	<0.0067 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	0.00023 J	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0028 U	<0.006 U	<0.0041 U	0.81	<0.0042 U	<0.0042 U	0.036 J	<0.0036 U	<0.0062 U	<0.0054 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.07 U	<0.15 U	<0.1 U	<6.4 U	<0.1 U	<0.1 UJ	<4.6 UJ	<0.09 UJ	<0.15 U	<0.13 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 U	<0.46 U	<0.009 U	<0.015 U	<0.013 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 UJ	<0.23 UJ	<0.0045 UJ	<0.0077 U	<0.0067 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0028 U	0.0006 J	<0.0041 U	0.5	<0.0042 U	<0.0042 UJ	0.08 J	<0.0036 UJ	<0.0062 U	<0.0054 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	0.024	0.0088 J	0.0016 J	**0.2 J**	0.014	0.014	<0.46 U	0.0071 J	0.016	<0.013 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.018 U	<0.037 U	<0.026 U	<1.6 U	<0.026 U	<0.026 UJ	<1.2 UJ	<0.022 UJ	<0.038 U	<0.034 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 U	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	**0.46**	<0.001 U	<0.001 U	0.012 J	<0.0009 U	<0.0015 U	<0.0013 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 UJ	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0028 U	<0.006 U	<0.0041 U	<0.26 U	<0.0042 U	<0.0042 U	<0.18 U	<0.0036 U	<0.0062 U	<0.0054 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0014 U	<0.003 U	<0.002 U	<0.13 U	<0.0021 U	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.007 U	<0.015 UJ	<0.01 UJ	<0.64 UJ	<0.01 UJ	<0.01 UJ	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	0.00051 J	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0014 U	<0.003 U	<0.002 U	<0.13 U	<0.0021 U	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.001 U	<0.0022 U	<0.0015 U	<0.096 U	<0.0016 U	<0.0016 U	<0.069 U	<0.0013 U	<0.0023 U	<0.002 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	0.00041 J	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 UJ	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	0.019	<0.03 U	0.00065 J	<1.3 U	0.00063 J	<0.021 UJ	<0.92 UJ	<0.018 UJ	<0.031 U	0.00042 J
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	0.00054 J	0.64	<0.001 U	<0.001 U	0.019 J	<0.0009 U	<0.0015 U	<0.0013 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 U	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 UJ	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	0.37	<0.001 U	<0.001 U	0.014 J	<0.0009 U	<0.0015 U	<0.0013 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 UJ	<0.23 UJ	<0.0045 UJ	<0.0077 U	<0.0067 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	0.5	<0.001 U	<0.001 U	0.012 J	<0.0009 U	<0.0015 U	<0.0013 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.00042 J	<0.003 U	<0.002 U	1.7	<0.0021 U	<0.0021 U	0.05 J	<0.0018 U	<0.0031 U	<0.0027 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.014 U	<0.03 U	<0.02 U	0.22 J	<0.021 U	<0.021 U	0.76 J	<0.018 U	<0.031 U	<0.027 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 UJ	**0.13 J**	<0.009 U	<0.015 U	<0.013 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 U	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.05	0.001 J	0.001 J	1.6	0.001 J	<0.0042 UJ	0.04 J	<0.0036 UJ	<0.0062 U	0.00059 J
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 U	<0.46 U	<0.009 U	<0.015 U	<0.013 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	1	<0.0052 U	<0.0052 U	0.53	<0.0045 U	0.00023 J	<0.0067 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	1.3	<0.001 U	<0.001 UJ	0.025 J	<0.0009 UJ	<0.0015 U	<0.0013 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	0.00012 J	<0.0015 U	<0.001 U	1.8	<0.001 U	<0.001 UJ	0.02 J	<0.0009 UJ	<0.0015 U	<0.0013 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	0.0004 J	<0.003 U	<0.002 U	<0.13 U	<0.0021 U	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	0.00017 J	<0.0015 U	0.00044 J	1.9	0.00091 J	<0.001 UJ	0.039 J	<0.0009 UJ	<0.0015 U	<0.0013 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0014 U	<0.003 U	<0.002 U	<0.13 U	<0.0021 U	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.0023 J	<0.0074 U	<0.0051 U	0.81	0.0015 J	<0.0052 UJ	<0.23 UJ	<0.0045 UJ	<0.0077 U	<0.0067 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.0041 J	<0.089 U	<0.061 U	<3.8 U	<0.063 U	0.0039 J	<2.8 U	<0.054 U	<0.092 U	<0.08 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	0.011	<0.003 U	<0.002 U	<0.13 U	0.0006 J	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 UJ	<0.046 UJ	<0.0009 UJ	0.0052	<0.0013 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.002 U	<0.0022 U	<0.0015 U	0.19	0.0028	0.0035 J	0.029 J	0.0027 J	0.0012 J	0.0003 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	0.00082 J	<0.003 U	<0.002 U	**1.7**	<0.0021 U	<0.0021 U	0.05 J	<0.0018 U	<0.0031 U	<0.0027 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.001 U	<0.0022 U	<0.0015 U	<0.096 U	<0.0016 U	<0.0016 U	<0.069 U	<0.0013 U	<0.0023 U	<0.002 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0007 U	<0.0015 U	<0.001 U	<0.064 U	<0.001 U	<0.001 UJ	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 U	<0.23 U	<0.0045 U	<0.0077 U	<0.0067 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0007 U	0.00077 J	0.00039 J	<0.064 U	0.00028 J	<0.001 U	<0.046 U	<0.0009 U	<0.0015 U	<0.0013 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0035 U	<0.0074 U	<0.0051 U	<0.32 U	<0.0052 U	<0.0052 UJ	<0.23 U	<0.0045 UJ	<0.0077 U	<0.0067 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.007 U	<0.015 U	<0.01 U	<0.64 U	<0.01 U	<0.01 UJ	<0.46 UJ	<0.009 UJ	<0.015 U	<0.013 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0014 U	<0.003 U	<0.002 U	<0.13 U	0.001 J	<0.0021 U	<0.092 U	<0.0018 U	<0.0031 U	<0.0027 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB26_MW26D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB31_MW31D	C241175_LB31_MW31D
					Sample Name	C241175_LB26_20-21	C241175_LB27_1-2	C241175_SODUP07_110516	C241175_LB27_8-9	C241175_LB27_21-22	C241175_LB30_1-2	C241175_LB30_4-5	C241175_LB30_11-12	C241175_LB31_1-2	C241175_LB31_7-8
					Sample Date	09/30/2016	11/05/2016	11/05/2016	11/05/2016	11/05/2016	10/03/2016	10/03/2016	10/03/2016	10/10/2016	10/10/2016
					Sample Depth	20-21	1-2	1-2	8-9	21-22	1-2	4-5	11-12	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.12 U	<0.11 U	<0.11 U	<1.1 U	<0.12 U	<2.3 U	<1.1 U	<0.12 U	<0.22 U	<0.26 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<1.7 U	<0.18 U	<3.5 U	<1.6 U	<0.18 U	<0.33 U	<0.39 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.96 U	<0.86 U	<0.86 U	<9.2 U	<0.98 U	<19 U	<8.8 U	<0.93 U	<1.8 U	<2.1 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.24 U	0.028 J	<0.22 U	0.56 J	<0.24 U	2.4 J	1.1 J	<0.23 U	0.22 J	0.085 J
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.43 U	<0.39 U	<0.39 U	<4.1 U	<0.44 U	<8.4 U	<3.9 U	<0.42 U	<0.79 U	<0.93 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.29 U	<0.26 U	<0.26 U	<2.8 U	<0.29 U	<5.6 U	<2.6 U	<0.28 U	0.06 J	<0.62 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.2 U	<0.18 UJ	<0.18 UJ	<1.9 UJ	<0.2 UJ	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.52 U	<0.47 U	<0.47 U	<5 U	<0.53 U	<10 U	<4.7 U	<0.51 U	<0.95 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.28 U	<0.25 U	<0.25 U	<2.7 U	<0.28 U	<5.4 U	<2.6 U	<0.27 U	<0.51 U	<0.6 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	<0.16 U	<0.14 U	<0.14 U	2.7	<0.16 U	12	2.5	<0.16 U	0.65	0.37
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.16 U	0.04 J	<0.14 U	<1.5 U	<0.16 U	<3.1 U	1.2 J	<0.16 U	0.59	0.071 J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.12 U	0.074 J	0.039 J	4	<0.12 U	29	4.3	<0.12 U	2	0.63
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.16 U	<0.14 U	<0.14 U	<1.5 U	<0.16 U	<3.1 U	<1.5 U	<0.16 U	<0.29 U	<0.34 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.26 U	<0.24 U	<0.24 U	<2.5 U	<0.27 U	<5.1 U	<2.4 U	<0.26 U	<0.48 U	<0.57 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.66 U	<0.59 U	<0.59 U	<6.3 U	<0.67 U	<13 U	<6 U	<0.64 U	<1.2 U	<1.4 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	<0.12 U	0.74 J	0.4 J	**23**	0.027 J	**62**	**11**	0.031 J	**5**	**3.9**
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	<0.16 U	**1.1**	0.74	**39**	0.053 J	**53**	**10**	<0.16 U	**5.4**	**9.4**
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	<0.12 U	**1.4**	0.89	**38**	0.052 J	**68**	**13**	0.037 J	**6**	**8.9**
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	<0.16 U	**0.96**	**0.69**	**28**	0.038 J	**28**	**5.4**	<0.16 U	**3.4**	**7.6**
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	<0.12 U	0.43 J	0.27 J	**15**	<0.12 U	**24**	**4.6**	<0.12 U	**2.2**	**3.3**
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.65 U	<0.58 U	<0.58 U	<6.2 U	<0.66 U	<12 U	<5.9 U	<0.63 U	<1.2 U	<1.4 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.46 U	<0.41 U	<0.41 U	<4.4 U	<0.46 U	<8.8 U	<4.2 U	<0.44 U	<0.83 U	<0.98 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.22 U	<0.19 U	<0.19 U	<2.1 U	<0.22 U	<4.2 U	<2 U	<0.21 U	<0.39 U	<0.46 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<1.7 U	<0.18 U	<3.5 U	<1.6 U	<0.18 U	<0.33 U	<0.39 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.24 U	<0.22 U	<0.22 U	<2.3 U	<0.24 U	<4.6 U	<2.2 U	<0.23 U	<0.44 U	<0.52 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.2 UJ	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.2 U	0.032 J	0.019 J	2	<0.2 U	10	2.4	<0.19 U	0.74	0.34 J
Chrysene	218-01-9	**1**	1	4.9	mg/kg	<0.12 U	0.83 J	0.48 J	**22**	0.024 J	**61**	**11**	0.031 J	**4.8**	**3.8**
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	<0.12 U	0.31	0.26	**8.1**	<0.12 U	**7.1**	**1.5**	<0.12 U	**0.96**	**2.1**
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.2 U	0.025 J	<0.18 U	0.7 J	<0.2 U	**6.2**	2.1	<0.19 U	0.49	0.11 J
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	<0.12 U	0.74 J	0.38 J	20	0.027 J	**130**	27	0.065 J	9.7	3.2
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.2 U	<0.18 U	<0.18 U	1.3 J	<0.2 U	12	3.3	<0.19 U	0.62	0.15 J
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.12 U	<0.11 U	<0.11 U	<1.1 U	<0.12 U	<2.3 U	<1.1 U	<0.12 U	<0.22 U	<0.26 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.57 U	<0.52 U	<0.51 U	<5.5 U	<0.58 U	<11 U	<5.2 U	<0.56 U	<1 U	<1.2 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.16 U	<0.14 U	<0.14 U	<1.5 U	<0.16 U	<3.1 U	<1.5 U	<0.16 U	<0.29 U	<0.34 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	<0.16 U	**1**	**0.67**	**32**	0.043 J	**32**	**5.8**	<0.16 U	**3.7**	**8.7**
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<1.7 U	<0.18 U	<3.5 U	<1.6 U	<0.18 U	<0.33 U	<0.39 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.2 U	0.072 J	0.029 J	<1.9 U	<0.2 U	4.5	2.7	<0.19 U	0.32 J	0.14 J
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.18 U	<0.16 U	<0.16 U	<1.7 U	<0.18 U	<3.5 U	<1.6 U	<0.18 U	<0.33 U	<0.39 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.4 U	<0.36 U	<0.36 U	<3.8 U	<0.41 U	<7.8 U	<3.6 U	<0.39 U	<0.73 U	<0.86 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.16 U	<0.14 U	<0.14 U	<1.5 U	<0.16 U	<3.1 U	<1.5 U	<0.16 U	<0.29 U	<0.34 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.16 U	<0.14 U	<0.14 U	<1.5 U	<0.16 U	<3.1 U	<1.5 U	<0.16 U	<0.29 U	<0.34 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	<0.12 U	0.35 J	0.18 J	**10**	<0.12 U	**100**	**19**	0.044 J	**7.6**	**1.6**
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.2 U	<0.18 U	<0.18 U	<1.9 U	<0.2 U	<3.9 U	<1.8 U	<0.19 U	<0.36 U	<0.43 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	<0.12 U	0.73 J	0.39 J	20	0.028 J	**120**	24	0.058 J	8.3	3

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB26_MW26D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB27_MW27D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB30_MW30D	C241175_LB31_MW31D	C241175_LB31_MW31D
					Sample Name	C241175_LB26_20-21	C241175_LB27_1-2	C241175_SODUP07_110516	C241175_LB27_8-9	C241175_LB27_21-22	C241175_LB30_1-2	C241175_LB30_4-5	C241175_LB30_11-12	C241175_LB31_1-2	C241175_LB31_7-8
					Sample Date	09/30/2016	11/05/2016	11/05/2016	11/05/2016	11/05/2016	10/03/2016	10/03/2016	10/03/2016	10/10/2016	10/10/2016
					Sample Depth	20-21	1-2	1-2	8-9	21-22	1-2	4-5	11-12	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 UJ	NA	NA	<0.00172 U	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	**0.183 J**	NA	NA	<0.00172 U	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	<0.00319 U	<0.00322 U	NA	NA	**0.573 J**	NA	NA	<0.00322 U	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 UJ	NA	NA	<0.00172 U	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	<0.00071 U	<0.000715 U	NA	NA	<0.000767 UJ	NA	NA	<0.000716 U	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	<0.00213 U	<0.00214 U	NA	NA	**0.712 J**	NA	NA	<0.00215 U	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 UJ	NA	NA	<0.00172 U	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 U	NA	NA	<0.00172 U	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	<0.0017 UJ	<0.00172 UJ	NA	NA	<0.00184 UJ	NA	NA	<0.00172 UJ	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	<0.0138 U	<0.0139 U	NA	NA	2.81 J	NA	NA	<0.014 U	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 UJ	NA	NA	<0.00172 U	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	<0.00106 U	<0.00107 U	NA	NA	<0.00115 UJ	NA	NA	<0.00107 U	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	<0.00071 U	<0.000715 U	NA	NA	<0.000767 UJ	NA	NA	<0.000716 U	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	<0.00071 U	<0.000715 U	NA	NA	<0.000767 UJ	NA	NA	<0.000716 U	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	<0.00213 U	<0.00214 U	NA	NA	<0.0023 UJ	NA	NA	<0.00215 U	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	<0.0017 U	<0.00172 U	NA	NA	<0.00184 UJ	NA	NA	<0.00172 U	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	<0.00071 U	<0.000715 U	NA	NA	<0.000767 UJ	NA	NA	<0.000716 U	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	0.00524 PI	0.00366 PI	NA	NA	0.572 J	NA	NA	<0.00215 U	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	<0.000852 U	<0.000858 U	NA	NA	**0.0263 J**	NA	NA	<0.000859 U	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	<0.00319 U	<0.00322 U	NA	NA	<0.00345 UJ	NA	NA	<0.00322 U	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	<0.00319 U	<0.00322 U	NA	NA	<0.00345 UJ	NA	NA	<0.00322 U	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	<0.0319 U	<0.0322 U	NA	NA	<0.0345 U	NA	NA	<0.0322 U	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	<0.182 U	<0.18 U	NA	NA	<0.192 U	NA	NA	<0.181 U	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	<0.182 U	<0.18 U	NA	NA	<0.192 U	NA	NA	<0.181 U	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	<0.182 U	<0.18 U	NA	NA	<0.192 U	NA	NA	<0.181 U	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.04 U	<0.0358 U	<0.0363 U	<0.0382 U	<0.0405 U	<0.0381 U	<0.0367 U	<0.0377 U	<0.0364 U	<0.0432 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	3,200	3,300	3,700	3,200	4,500 J	6,800	2,800	3,700	4,800	7,800
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.6 U	3.2 J	2.1 J	0.54 J	<5 U	1.3 J	<4.3 U	<4.6 U	6	<5.2 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	3.2	**35**	**31**	6.7	1.8	4.6	3.1	2.6	**25**	11
Barium	7440-39-3	**410**	820	410	mg/kg	19	**790**	**1,000**	31	15	140	52	24	**700**	82
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.35 J	0.28 J	0.27 J	0.3 J	0.2 J	0.44 J	<0.43 U	<0.46 U	0.22 J	0.34 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	0.07 J	0.26 J	0.57 J	2.1	<0.99 U	0.66 J	0.23 J	<0.92 U	**14**	0.11 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	650	7,300	12,000	1,300	860 J	46,000	12,000	580	15,000	6,400
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.99 UJ	<0.88 U	<0.85 U	<0.93 U	<0.99 U	<0.94 U	<0.9 U	<0.95 U	<0.86 UJ	0.3 J
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	8.8	10	11	7.2	8.6	17	15	5.9	46	22
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	8.8	10	11	7.2	8.6	17	15	5.9	**46**	22 J
Cobalt	7440-48-4	NS	NS	NS	mg/kg	5.8	3.8	5.1	4.3	4.1	4.2	2.6	4.5	4.6	9.5
Copper	7440-50-8	**50**	1720	280	mg/kg	6.4	47	**74**	28	8.3	**82**	21	6.8	**53**	49
Iron	7439-89-6	NS	NS	NS	mg/kg	6,100	10,000	9,200	20,000	8,500 J	11,000	6,800	8,800	11,000	28,000
Lead	7439-92-1	**63**	450	400	mg/kg	5	**230**	**180**	**79**	5	**8,000**	**960**	44	**930**	**110**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,500	800	1,300	470	2,400 J	19,000	5,900	1,400	2,100	2,300
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	67	96 J	180 J	71	77 J	550	110	230	330	440
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	<0.08 U	**0.2 J**	**0.35 J**	0.09	<0.08 U	**0.47**	**0.27**	0.02 J	**0.5**	**0.38**
Nickel	7440-02-0	**30**	130	320	mg/kg	8.6	12	12	9.6	11	14	9.1	8	13	22
Potassium	7440-09-7	NS	NS	NS	mg/kg	580	620	680	320	480	1,100	320	320	1,100	1,300
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.9 U	2.1	1.3 J	0.5 J	<2 U	0.56 J	<1.7 U	<1.8 U	0.81 J	<2.1 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.93 U	<0.86 U	<0.87 U	<0.91 U	<0.99 U	**2.2**	0.21 J	<0.92 U	0.21 J	<1 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	220	660	620	140 J	84 J	410	110 J	25 J	1,200	540
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.9 U	<1.7 U	<1.7 U	<1.8 U	<2 U	<1.8 U	<1.7 U	<1.8 U	<1.7 U	<2.1 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	14	15	15	11	8.4	62	15	8.8	17	26
Zinc	7440-66-6	**109**	2480	6600	mg/kg	26	**190 J**	**370 J**	**1,400**	31	**250**	83	37	**29,000**	**620**
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB31_MW31D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB34_MW34D	C241175_LB34_MW34D
					Sample Name	C241175_LB31_19-20	C241175_LB32_1-2	C241175_LB32_8-9	C241175_LB32_17-18	C241175_LB33_1-2	C241175_LB33_5-6	C241175_LB33_10-11	C241175_LB33_14-15	C241175_LB34_1-2	C241175_LB34_7-8
					Sample Date	10/10/2016	11/06/2016	11/06/2016	11/06/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/26/2016	09/26/2016
					Sample Depth	19-20	1-2	8-9	17-18	1-2	5-6	10-11	14-15	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.001 U	0.00038 J	<0.0012 U	<0.00094 U	<0.0019 U	0.0015 J	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.021 U	<0.02 U	<0.024 U	<0.019 U	<0.039 U	<0.032 U	<1.3 U	<0.023 U	<0.026 U	<0.024 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0016 U	<0.0015 U	<0.0018 U	<0.0014 U	<0.0029 U	<0.0024 U	<0.095 U	<0.0017 U	<0.002 U	<0.0018 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0016 U	<0.0015 U	<0.0018 U	<0.0014 U	<0.0029 U	<0.0024 U	<0.095 U	<0.0017 U	<0.002 U	<0.0018 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.00079 J	<0.004 U	<0.0048 U	<0.0038 U	<0.0077 U	<0.0064 U	0.11 J	0.001 J	<0.0053 U	<0.0048 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.0053 U	0.00046 J	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	0.42	0.00022 J	<0.0066 U	<0.006 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0042 U	<0.004 U	<0.0048 U	<0.0038 U	<0.0077 U	<0.0064 U	<0.25 U	<0.0046 U	<0.0053 U	<0.0048 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0037 U	<0.0035 U	<0.0042 U	<0.0033 U	<0.0068 U	<0.0056 U	<0.22 U	<0.004 U	<0.0046 U	<0.0042 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	0.059 J	<0.0057 U	<0.0066 U	<0.006 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0042 U	<0.004 U	<0.0048 U	<0.0038 U	<0.0077 U	<0.0064 U	0.094 J	0.00039 J	<0.0053 U	<0.0048 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.1 U	<0.1 U	<0.12 U	<0.094 U	<0.19 U	<0.16 U	<6.3 U	<0.11 U	<0.13 U	<0.12 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0042 U	<0.004 U	<0.0048 U	<0.0038 U	<0.0077 U	<0.0064 U	0.18 J	<0.0046 U	<0.0053 U	<0.0048 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<0.01 U	0.008 J	**0.088**	0.0061 J	**0.045 J**	0.009 J	**0.2 J**	**0.034 J**	<0.013 U	<0.012 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.026 U	<0.025 U	<0.03 U	<0.023 U	<0.048 U	<0.04 U	<1.6 U	<0.029 U	<0.033 U	<0.03 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.013 J	<0.0011 U	<0.0013 U	<0.0012 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0042 U	<0.004 U	<0.0048 U	<0.0038 U	<0.0077 U	<0.0064 U	<0.25 U	<0.0046 U	<0.0053 U	<0.0048 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	<0.13 U	<0.0023 U	<0.0026 U	<0.0024 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	0.01	<0.01 UJ	<0.012 UJ	<0.0094 UJ	<0.019 U	<0.016 U	<0.63 U	0.0016 J	<0.013 U	<0.012 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	<0.13 U	<0.0023 U	<0.0026 U	<0.0024 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0016 U	<0.0015 U	<0.0018 U	<0.0014 U	<0.0029 U	<0.0024 U	<0.095 U	<0.0017 U	<0.002 U	<0.0018 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	0.0018 J	<0.02 U	0.00087 J	0.00067 J	<0.039 U	<0.032 U	0.037 J	0.00028 J	<0.026 U	<0.024 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.022 J	<0.0011 U	<0.0013 U	<0.0012 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.066	<0.0011 U	<0.0013 U	<0.0012 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	0.00014 J	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.072	0.00067 J	<0.0013 U	<0.0012 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	0.43	<0.0023 U	<0.0026 U	<0.0024 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.021 U	<0.02 U	<0.024 U	<0.019 U	<0.039 U	<0.032 U	1.4	<0.023 U	<0.026 U	<0.024 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.01 U	<0.01 U	0.012	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	0.003 J	<0.013 U	<0.012 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.0034 J	<0.004 U	0.0012 J	0.00072 J	<0.0077 U	<0.0064 U	0.079 J	0.00058 J	<0.0053 U	<0.0048 U
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 U	<0.012 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.00043 J	0.0046 J	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	0.21 J	0.0013 J	<0.0066 U	<0.006 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.13	<0.0011 U	<0.0013 U	<0.0012 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	0.00017 J	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.36	0.00046 J	<0.0013 U	<0.0012 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	0.047 J	<0.0023 U	<0.0026 U	<0.0024 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	0.00017 J	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	0.11	<0.0011 U	<0.0013 U	<0.0012 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	<0.13 U	<0.0023 U	<0.0026 U	<0.0024 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.00029 J	<0.0051 U	0.002 J	0.00048 J	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.063 U	0.0034 J	<0.072 U	<0.056 U	0.0094 J	<0.096 U	<3.8 U	0.007 J	<0.08 UJ	<0.072 UJ
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	0.0005 J	<0.002 U	<0.0024 U	0.00025 J	<0.0039 U	<0.0032 U	<0.13 U	<0.0023 U	<0.0026 U	<0.0024 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.001 U	0.0033	<0.0012 U	<0.00094 U	0.00037 J	0.0032	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	0.0049	0.00055 J	0.00075 J	0.0009 J	0.00057 J	0.00051 J	<0.095 U	0.005	<0.002 U	<0.0018 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	**0.48 J**	<0.0023 U	<0.0026 U	<0.0024 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0016 U	<0.0015 U	<0.0018 U	<0.0014 U	<0.0029 U	<0.0024 U	<0.095 U	<0.0017 U	<0.002 U	<0.0018 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	<0.0019 U	<0.0016 U	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 UJ	<0.006 UJ
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.001 U	<0.001 U	<0.0012 U	<0.00094 U	0.00078 J	0.0011 J	<0.063 U	<0.0011 U	<0.0013 U	<0.0012 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0053 U	<0.0051 U	<0.006 U	<0.0047 U	<0.0097 U	<0.008 U	<0.32 U	<0.0057 U	<0.0066 U	<0.006 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.01 U	<0.01 U	<0.012 U	<0.0094 U	<0.019 U	<0.016 U	<0.63 U	<0.011 U	<0.013 UJ	<0.012 UJ
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0021 U	<0.002 U	<0.0024 U	<0.0019 U	<0.0039 U	<0.0032 U	<0.13 U	<0.0023 U	<0.0026 U	<0.0024 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB31_MW31D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB34_MW34D	C241175_LB34_MW34D
					Sample Name	C241175_LB31_19-20	C241175_LB32_1-2	C241175_LB32_8-9	C241175_LB32_17-18	C241175_LB33_1-2	C241175_LB33_5-6	C241175_LB33_10-11	C241175_LB33_14-15	C241175_LB34_1-2	C241175_LB34_7-8
					Sample Date	10/10/2016	11/06/2016	11/06/2016	11/06/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/26/2016	09/26/2016
					Sample Depth	19-20	1-2	8-9	17-18	1-2	5-6	10-11	14-15	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.12 U	<0.53 U	<0.61 U	<0.12 U	<0.11 U	<2.6 U	<0.12 U	<0.13 U	<0.11 R	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.18 U	<0.8 U	<0.91 U	<0.18 U	<0.16 U	<3.9 U	<0.18 U	<0.2 U	<0.16 R	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.96 U	<4.3 U	<4.9 U	<0.95 U	<0.86 U	<21 U	<0.94 U	<1 U	<0.88 R	<0.96 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.24 U	<1.1 U	0.24 J	<0.24 U	0.025 J	1.6 J	0.044 J	0.026 J	<0.22 U	0.043 J
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.43 U	<1.9 U	<2.2 U	<0.43 U	<0.39 U	<9.4 U	<0.42 U	<0.47 U	<0.39 R	<0.43 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.29 U	<1.3 U	0.17 J	<0.28 U	<0.26 U	<6.3 U	<0.28 U	<0.31 U	<0.26 R	<0.29 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.2 U	<0.89 UJ	<1 UJ	<0.2 UJ	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 UJ	<0.2 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.52 U	<2.3 U	<2.6 U	<0.51 U	<0.47 U	<11 U	<0.51 U	<0.57 U	<0.47 R	<0.52 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.2 U	<0.89 UJ	<1 UJ	<0.2 UJ	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.28 U	<1.2 U	<1.4 U	<0.28 U	<0.25 U	<6.1 U	<0.27 U	<0.3 U	<0.26 R	<0.28 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	<0.16 U	<0.71 U	1.5	<0.16 U	0.065 J	7.9	0.29	0.094 J	0.044 J	0.2
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.16 U	<0.71 U	<0.81 U	<0.16 U	0.079 J	1.7 J	0.1 J	<0.17 U	<0.15 U	0.058 J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.12 U	<0.53 U	2	<0.12 U	0.19	12	0.33	<0.13 U	0.13	0.42
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.16 U	<0.71 U	<0.81 U	<0.16 U	<0.14 U	<3.5 U	<0.16 U	<0.17 U	<0.15 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.26 U	<1.2 U	<1.3 U	<0.26 U	<0.24 U	<5.8 U	<0.26 U	<0.29 U	<0.24 U	<0.26 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.66 U	<2.9 U	<3.3 U	<0.65 U	<0.59 U	<14 U	<0.64 U	<0.72 U	<0.6 U	<0.66 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	<0.12 U	0.4 J	**13**	<0.12 U	0.75	**31**	**1.2**	<0.13 U	0.46	**2.1**
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	<0.16 U	0.32 J	**26**	<0.16 U	0.69	**27**	**1.8**	<0.17 U	0.4	**2.9**
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	<0.12 U	0.46 J	**26**	<0.12 U	0.88	**33**	**2**	<0.13 U	0.48	**3**
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	<0.16 U	0.31 J	**19**	<0.16 U	0.47	**14**	**1**	<0.17 U	0.25	**2.1**
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	<0.12 U	0.15 J	**9.4**	<0.12 U	0.28	**14**	0.65	<0.13 U	0.18	**1.2**
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.64 U	<2.9 U	<3.3 U	<0.64 U	<0.58 U	<14 U	<0.63 U	<0.71 U	<0.59 U	<0.65 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.45 U	<2 U	<2.3 U	<0.45 U	<0.41 U	<10 U	<0.44 U	<0.5 U	<0.42 U	<0.46 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.21 U	<0.96 U	<1.1 U	<0.21 U	<0.19 U	<4.7 U	<0.21 U	<0.24 U	<0.2 U	<0.22 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.18 U	<0.8 U	<0.91 U	<0.18 U	<0.16 U	<3.9 U	<0.18 U	<0.2 U	<0.16 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.24 U	<1.1 U	<1.2 U	<0.24 U	<0.22 U	<5.2 U	<0.23 U	<0.26 U	<0.22 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	1.1	<0.2 U	0.048 J	3.6 J	0.12 J	<0.22 U	0.067 J	0.2
Chrysene	218-01-9	**1**	1	4.9	mg/kg	<0.12 U	0.51 J	**11**	<0.12 U	0.77	**35**	**1.2**	<0.13 U	0.51	**2.1**
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	<0.12 U	<0.53 U	**5.7**	<0.12 U	0.11	**3.9**	0.31	<0.13 U	0.063 J	**0.49**
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.2 U	<0.89 U	0.34 J	<0.2 U	0.04 J	**4.8**	0.14 J	<0.22 U	0.039 J	0.076 J
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	<0.12 U	0.73	11	<0.12 U	1.6	76	2.2	<0.13 U	1	2.8
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.2 U	<0.89 U	0.52 J	<0.2 U	0.044 J	5	0.2	0.063 J	0.045 J	0.1 J
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.12 U	<0.53 U	<0.61 U	<0.12 U	<0.11 U	<2.6 U	<0.12 U	<0.13 U	<0.11 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.57 U	<2.5 U	<2.9 U	<0.56 U	<0.51 U	<12 U	<0.56 U	<0.62 U	<0.52 U	<0.57 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.16 U	<0.71 U	<0.81 U	<0.16 U	<0.14 U	<3.5 U	<0.16 U	<0.17 U	<0.15 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	<0.16 U	0.26 J	**24**	<0.16 U	0.47	**16**	**1.2**	<0.17 U	0.24	**2.4**
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.18 U	<0.8 U	<0.91 U	<0.18 U	<0.16 U	<3.9 U	<0.18 U	<0.2 U	<0.16 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.025 J	<0.89 U	0.58 J	<0.2 U	<0.18 U	2.1 J	0.41	<0.22 U	0.027 J	0.099 J
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.18 U	<0.8 U	<0.91 U	<0.18 U	<0.16 U	<3.9 U	<0.18 U	<0.2 U	<0.16 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.4 U	<1.8 U	<2 U	<0.4 U	<0.36 U	<8.8 U	<0.39 U	<0.44 U	<0.36 U	<0.4 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.16 U	<0.71 U	<0.81 U	<0.16 U	<0.14 U	<3.5 U	<0.16 U	<0.17 U	<0.15 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.16 U	<0.71 U	<0.81 U	<0.16 U	<0.14 U	<3.5 U	<0.16 U	<0.17 U	<0.15 R	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	<0.12 U	0.49 J	**4.7**	<0.12 U	0.96	**76**	**1.3**	0.035 J	0.74	**1.5**
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.2 U	<0.89 U	<1 U	<0.2 U	<0.18 U	<4.4 U	<0.2 U	<0.22 U	<0.18 R	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	<0.12 U	0.64	11	<0.12 U	1.4	63	2	<0.13 U	0.94	2.6

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB31_MW31D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB32_MW32D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB33_MW33D	C241175_LB34_MW34D	C241175_LB34_MW34D
					Sample Name	C241175_LB31_19-20	C241175_LB32_1-2	C241175_LB32_8-9	C241175_LB32_17-18	C241175_LB33_1-2	C241175_LB33_5-6	C241175_LB33_10-11	C241175_LB33_14-15	C241175_LB34_1-2	C241175_LB34_7-8
					Sample Date	10/10/2016	11/06/2016	11/06/2016	11/06/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/26/2016	09/26/2016
					Sample Depth	19-20	1-2	8-9	17-18	1-2	5-6	10-11	14-15	1-2	7-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	<0.00317 U	NA	NA	<0.00318 U	NA	NA	NA	<0.00323 U	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	<0.000704 U	NA	NA	<0.000708 U	NA	NA	NA	<0.000718 U	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	<0.00211 U	NA	NA	<0.00212 U	NA	NA	NA	<0.00215 U	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	<0.0137 U	NA	NA	<0.0138 U	NA	NA	NA	<0.014 U	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	<0.00106 U	NA	NA	<0.00106 U	NA	NA	NA	<0.00108 U	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	<0.000704 U	NA	NA	<0.000708 U	NA	NA	NA	<0.000718 U	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	<0.000704 U	NA	NA	<0.000708 U	NA	NA	NA	<0.000718 U	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	<0.00211 U	NA	NA	<0.00212 U	NA	NA	NA	<0.00215 U	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	<0.00169 U	NA	NA	<0.0017 U	NA	NA	NA	<0.00172 U	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	<0.000704 U	NA	NA	<0.000708 U	NA	NA	NA	<0.000718 U	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	<0.00211 U	NA	NA	<0.00212 U	NA	NA	NA	<0.00215 U	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	<0.000845 U	NA	NA	<0.00085 U	NA	NA	NA	<0.000862 U	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	<0.00317 U	NA	NA	<0.00318 U	NA	NA	NA	<0.00323 U	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	<0.00317 U	NA	NA	<0.00318 U	NA	NA	NA	<0.00323 U	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	<0.0317 U	NA	NA	<0.0318 U	NA	NA	NA	<0.0323 U	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	<0.181 UJ	NA	NA	<0.177 U	NA	NA	NA	<0.184 U	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	<0.181 UJ	NA	NA	<0.177 U	NA	NA	NA	<0.184 U	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	<0.181 UJ	NA	NA	<0.177 U	NA	NA	NA	<0.184 U	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0398 U	<0.0356 U	<0.0406 U	<0.0384 U	<0.0348 U	<0.0437 U	<0.0388 U	<0.0423 U	<0.0368 U	<0.041 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,600	3,700	7,400	5,300	410	4,100	4,200	6,100	5,600	6,500
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.7 U	4.1 J	0.39 J	<4.7 U	<4.1 U	5.1	<4.6 U	<5.1 U	<4.4 U	2.1 J
Arsenic	7440-38-2	**13**	16	16	mg/kg	1.3	**31**	**16**	0.68 J	4.8	**44**	4	0.97 J	3.3	**55**
Barium	7440-39-3	**410**	820	410	mg/kg	7.4	**1,200**	42	17	14	300	41	5.5	35	240
Beryllium	7440-41-7	4.4	47	43	mg/kg	<0.47 U	0.23 J	0.7	0.14 J	<0.41 U	0.46 J	0.27 J	0.24 J	0.11 J	0.3 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	<0.94 U	1.7	0.56 J	<0.94 U	0.07 J	2.3	0.12 J	<1 U	<0.88 U	**2.8**
Calcium	7440-70-2	NS	NS	NS	mg/kg	690	5,900	860	750	870	5,600	42,000	570	8,300	26,000
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.96 UJ	0.38 J	<0.98 U	<0.98 U	<0.87 U	0.7 J	0.3 J	0.33 J	<0.89 U	0.71 J
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	6.9	29	21	7.5	1.9	180	9.2	9.2	14	16
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	6.9	29 J	21	7.5	1.9	**180 J**	8.9 J	8.9 J	14	15 J
Cobalt	7440-48-4	NS	NS	NS	mg/kg	8.2	4.2	44	3	1.4 J	7.8	4.2	3.8	5.4	12
Copper	7440-50-8	**50**	1720	280	mg/kg	9.8	**88**	**260**	36	13	**87**	18	6.3	**51**	**620**
Iron	7439-89-6	NS	NS	NS	mg/kg	7,100	12,000	11,000	6,500	4,500	22,000	13,000	9,500	13,000	19,000
Lead	7439-92-1	**63**	450	400	mg/kg	4.2 J	**790**	**67**	9.5	16	**3,200**	**81**	6.2	34	**460**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,200	1,400	1,100	2,200	90	3,100	2,700	2,300	2,500	3,000
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	67	290	61	55	18	**1,800**	350	66	260	360
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	<0.08 U	**0.42**	**0.33**	0.03 J	0.08	**1.1**	**0.24**	<0.09 U	**0.3**	**0.56**
Nickel	7440-02-0	**30**	130	320	mg/kg	20	12	**42**	10	3.3	6.8	11	10	10	16
Potassium	7440-09-7	NS	NS	NS	mg/kg	450	340	740	460	79 J	750	650	380	920	870
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.9 U	<1.7 U	0.71 J	<1.9 U	0.55 J	1.2 J	<1.8 U	<2 U	<1.8 U	<1.9 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.94 U	<0.85 U	<0.96 U	<0.94 U	<0.82 U	<1 U	<0.92 U	<1 U	<0.88 U	0.25 J
Sodium	7440-23-5	NS	NS	NS	mg/kg	130 J	330	160 J	85 J	87 J	880	410	64 J	420	1,100
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.9 U	<1.7 U	<1.9 U	<1.9 U	<1.6 U	<2 U	<1.8 U	<2 U	<1.8 U	<1.9 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	6.7	15	23	6.8	3.9	8.3	14	8.9	16	25
Zinc	7440-66-6	**109**	2480	6600	mg/kg	28	**690**	**250**	31	38	**3,700**	65	28	53	**930**
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB34_MW34D	C241175_LB34_MW34D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D
					Sample Name	C241175_LB34_10-11	C241175_LB34_14-15	C241175_LB35_1-2	C241175_LB35_4-5	C241175_LB35_16-17	C241175_LB36_1-2	C241175_LB36_7-8	C241175_LB36_14-15	C241175_LB36_19-20
					Sample Date	09/26/2016	09/26/2016	10/03/2016	10/03/2016	10/03/2016	10/07/2016	10/07/2016	10/07/2016	10/07/2016
					Sample Depth	10-11	14-15	1-2	4-5	16-17	1-2	7-8	14-15	19-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<3.1 U	<0.022 U	<0.025 UJ	<2.6 U	<0.015 UJ	<0.02 U	<1.3 U	<13 U	<0.021 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.23 U	<0.0017 U	<0.0019 U	<0.19 U	<0.0011 U	<0.0015 U	<0.097 U	<1 U	<0.0016 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.23 U	<0.0017 U	<0.0019 U	<0.19 U	<0.0011 U	<0.0015 U	<0.097 U	<1 U	<0.0016 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.15 U	<0.0011 U	<0.0013 UJ	<0.13 U	<0.00076 UJ	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 UJ	<1.3 U	<0.0076 UJ	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	1.1	0.00037 J	<0.0051 U	3	0.0002 J	<0.0039 U	0.078 J	6.4	0.058
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.77 U	<0.0056 U	<0.0063 UJ	3.7	0.00028 J	<0.0049 U	0.046 J	<3.4 U	<0.0053 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.62 U	<0.0045 U	<0.0051 U	<0.52 U	<0.003 U	<0.0039 U	<0.26 U	<2.7 U	<0.0042 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.54 U	<0.0039 U	<0.0044 U	<0.45 U	<0.0026 U	<0.0034 U	<0.23 U	<2.4 U	<0.0037 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.77 U	<0.0056 U	<0.0063 UJ	1.3	<0.0038 UJ	<0.0049 U	0.022 J	0.32 J	0.0022 J
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.62 U	<0.0045 U	<0.0051 U	3.6	<0.003 U	<0.0039 U	0.039 J	1.5 J	0.017
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<15 U	<0.11 U	<0.13 UJ	<13 UJ	<0.076 UJ	<0.098 U	<6.5 U	<67 U	<0.1 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 U	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 UJ	<0.64 U	<0.0038 UJ	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.62 U	<0.0045 U	<0.0051 UJ	0.58	<0.003 UJ	<0.0039 U	<0.26 U	0.27 J	<0.0042 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<1.5 U	0.021	0.002 J	<1.3 U	0.015 J	0.023 J	<0.65 U	<6.7 U	<0.01 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<3.9 U	<0.028 U	<0.032 UJ	<3.2 UJ	<0.019 UJ	<0.025 U	<1.6 U	<17 U	<0.026 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 UJ	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	0.028 J	<0.0011 U	<0.0013 U	**0.072 J**	<0.00076 U	0.00016 J	0.022 J	**1.1**	0.0037
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.62 U	<0.0045 U	<0.0051 U	<0.52 U	<0.003 U	<0.0039 U	<0.26 U	<2.7 U	<0.0042 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	<0.26 U	<0.0015 U	<0.002 U	0.027 J	<1.3 U	<0.0021 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 UJ	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	0.0023 J
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	<0.26 U	<0.0015 U	<0.002 U	<0.13 U	<1.3 U	<0.0021 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.23 U	<0.0017 U	<0.0019 U	<0.19 U	<0.0011 U	<0.0015 U	<0.097 U	<1 U	<0.0016 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 UJ	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	0.00038 J
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<3.1 U	<0.022 U	<0.025 UJ	0.1 J	<0.015 UJ	<0.02 U	0.026 J	44	0.23
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	0.43	<0.00076 U	<0.00098 U	<0.065 U	0.45 J	0.006
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 U	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 UJ	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	0.75	<0.00076 U	<0.00098 U	<0.065 U	0.35 J	<0.001 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 UJ	<0.64 U	<0.0038 UJ	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	0.64	<0.00076 U	<0.00098 U	0.014 J	4.9	0.05
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	0.19 J	<0.0015 U	<0.002 U	0.12 J	<1.3 U	<0.0021 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	0.62 J	0.00079 J	<0.025 U	<2.6 UJ	<0.015 U	<0.02 U	<1.3 U	<13 U	<0.021 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 U	<0.0076 U	0.00048 J	<0.65 U	<6.7 U	<0.01 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 U	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	1.4	0.00047 J	<0.0051 UJ	0.33 J	<0.003 UJ	<0.0039 U	0.4	140	0.12 J
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<1.5 U	<0.011 U	<0.013 U	<1.3 U	<0.0076 U	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.11 J	<0.0056 U	<0.0063 U	1.7	<0.0038 U	<0.0049 U	0.074 J	8.7	0.034
n-Butylbenzene	104-51-8	18	18	100	mg/kg	0.13 J	<0.0011 U	<0.0013 UJ	1.4	<0.00076 UJ	<0.00098 U	<0.065 U	4.2	0.034
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.15 U	<0.0011 U	<0.0013 UJ	1.6	<0.00076 UJ	<0.00098 U	<0.065 U	**7.8**	0.07
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	0.048 J	<0.0015 U	<0.002 U	<0.13 U	<1.3 U	<0.0021 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	0.72	0.00018 J	<0.0013 UJ	1	<0.00076 UJ	<0.00098 U	0.062 J	3.4	0.048
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	<0.26 U	<0.0015 U	<0.002 U	<0.13 U	<1.3 U	<0.0021 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.25 J	<0.0056 U	<0.0063 UJ	0.043 J	<0.0038 UJ	<0.0049 U	<0.32 U	0.36 J	<0.0053 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<9.3 U	<0.067 UJ	0.008 J	<7.7 UJ	0.0096 J	<0.059 U	<3.9 U	<40 U	0.004 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	<0.26 U	<0.0015 U	<0.002 U	<0.13 U	<1.3 U	<0.0021 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.15 U	<0.0011 U	<0.0013 UJ	<0.13 U	<0.00076 UJ	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.23 U	0.0016 J	<0.0019 U	<0.19 U	0.0034 J	0.0017 J	0.024 J	<1 U	<0.0016 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	0.24 J	<0.0015 U	<0.002 U	0.12 J	<1.3 U	<0.0021 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.23 U	<0.0017 U	<0.0019 U	<0.19 U	<0.0011 U	<0.0015 U	<0.097 U	<1 U	<0.0016 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.77 U	<0.0056 UJ	<0.0063 U	<0.64 U	<0.0038 U	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.15 U	<0.0011 U	<0.0013 U	<0.13 U	<0.00076 U	<0.00098 U	<0.065 U	<0.67 U	<0.001 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.77 U	<0.0056 U	<0.0063 UJ	<0.64 U	<0.0038 UJ	<0.0049 U	<0.32 U	<3.4 U	<0.0053 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<1.5 U	<0.011 UJ	<0.013 UJ	<1.3 UJ	<0.0076 UJ	<0.0098 U	<0.65 U	<6.7 U	<0.01 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.31 U	<0.0022 U	<0.0025 U	<0.26 U	<0.0015 U	<0.002 U	<0.13 U	<1.3 U	<0.0021 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB34_MW34D	C241175_LB34_MW34D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D
					Sample Name	C241175_LB34_10-11	C241175_LB34_14-15	C241175_LB35_1-2	C241175_LB35_4-5	C241175_LB35_16-17	C241175_LB36_1-2	C241175_LB36_7-8	C241175_LB36_14-15	C241175_LB36_19-20
					Sample Date	09/26/2016	09/26/2016	10/03/2016	10/03/2016	10/03/2016	10/07/2016	10/07/2016	10/07/2016	10/07/2016
					Sample Depth	10-11	14-15	1-2	4-5	16-17	1-2	7-8	14-15	19-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.62 U	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.13 U	<0.21 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.93 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.19 U	<0.31 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<5 U	<0.96 U	<0.91 U	<0.94 U	<0.87 U	<0.89 U	<1 U	<1.7 U	<0.97 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.26 J	<0.24 U	0.17 J	8.7	<0.22 U	<0.22 U	<0.25 U	1.5	0.32
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 UJ	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<2.2 U	<0.43 U	<0.41 U	<0.42 UJ	<0.39 U	<0.4 U	<0.46 U	<0.75 U	<0.44 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<1.5 U	<0.29 U	<0.27 U	<0.28 U	<0.26 U	<0.27 U	<0.3 U	<0.5 U	<0.29 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<2.7 U	<0.52 U	<0.49 U	<0.51 UJ	<0.47 U	<0.48 U	<0.55 U	<0.9 U	<0.52 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<1.4 U	<0.28 U	<0.27 U	<0.27 U	<0.25 U	<0.26 U	<0.29 U	<0.48 U	<0.28 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.67 J	<0.16 U	0.42	0.76	<0.14 U	0.02 J	0.16 J	<0.28 U	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.83 U	<0.16 U	0.16	<0.16 U	<0.14 U	0.05 J	0.65	<0.28 U	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	1	<0.12 U	0.85	0.93	<0.11 U	0.085 J	1.2	0.071 J	<0.12 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.83 U	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.15 U	<0.17 U	<0.28 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<1.4 U	<0.26 U	<0.25 U	<0.26 U	<0.24 U	<0.24 U	<0.28 U	<0.46 U	<0.27 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<3.4 U	<0.66 U	<0.63 U	<0.65 U	<0.6 U	<0.61 U	<0.7 U	<1.1 U	<0.67 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**7.4**	<0.12 U	**2**	**1.4**	<0.11 U	0.3	**5.4**	0.12 J	0.036 J
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**11**	<0.16 U	**1.9**	**1.7**	<0.14 U	0.3	**5.7**	0.085 J	<0.16 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**11**	<0.12 U	**2.4**	**1.9**	<0.11 U	0.37	**6.1**	<0.21 U	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**6.4**	<0.16 U	**1.1**	**1**	<0.14 U	0.2	**2.9**	0.076 J	0.026 J
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**3.8**	<0.12 U	**0.91**	0.68	<0.11 U	0.15	**2.2**	<0.21 U	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<3.4 U	<0.65 U	<0.62 U	<0.64 UJ	<0.59 U	<0.6 U	<0.68 U	<1.1 U	<0.65 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<2.4 U	<0.46 U	0.051 J	<0.45 U	<0.41 U	<0.42 U	<0.48 U	<0.79 U	<0.46 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<1.1 U	<0.22 U	<0.2 U	<0.21 U	<0.2 U	<0.2 U	<0.23 U	<0.37 U	<0.22 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.93 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.19 U	<0.31 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<1.2 U	<0.24 U	<0.23 U	<0.24 U	<0.22 U	<0.22 U	<0.25 U	<0.42 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<1 U	<0.2 U	0.23	<0.2 U	<0.18 U	0.14 J	<0.21 U	<0.35 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.5 J	<0.2 U	0.37	<0.2 U	<0.18 U	0.027 J	0.11 J	<0.35 U	<0.2 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**6.2**	<0.12 U	**2**	**1.5**	<0.11 U	0.28	**5.4**	0.17 J	0.039 J
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**1.8**	<0.12 U	0.3	**0.35**	<0.11 U	0.049 J	**0.81**	<0.21 U	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	0.25 J	<0.2 U	0.3	<0.2 U	<0.18 U	<0.19 U	0.087 J	<0.35 U	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	0.044 J	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	5.4	<0.12 U	4.1	2.6	<0.11 U	0.56	7.4	0.047 J	0.035 J
Fluorene	86-73-7	**30**	386	100	mg/kg	0.45 J	<0.2 U	0.35	<0.2 U	<0.18 U	0.018 J	0.22	<0.35 U	<0.2 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.62 U	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.13 U	<0.21 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<3 U	<0.57 U	<0.54 U	<0.56 U	<0.52 U	<0.53 U	<0.6 U	<0.99 U	<0.58 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.83 U	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.15 U	<0.17 U	<0.28 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**7.9**	<0.16 U	**1.2**	**1.1**	<0.14 U	0.2	**3.2**	<0.28 U	<0.16 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.93 U	<0.18 U	<0.17 U	<0.18 U	<0.16 U	<0.17 U	<0.19 U	<0.31 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	1.1	<0.2 U	0.28	<0.2 U	<0.18 U	<0.19 U	0.087 J	0.68	0.13 J
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.93 U	<0.18 U	<0.17 U	<0.18 UJ	<0.16 U	<0.17 U	<0.19 U	<0.31 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<2.1 U	<0.4 U	<0.38 U	<0.39 U	<0.36 U	<0.37 U	<0.42 U	<0.69 U	<0.4 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.83 U	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.15 U	<0.17 U	<0.28 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.83 U	<0.16 U	<0.15 U	<0.16 U	<0.14 U	<0.15 U	<0.17 U	<0.28 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**2.4**	<0.12 U	**3.4**	**4.6**	<0.11 U	0.27	**2.3**	0.24	0.073 J
Phenol	108-95-2	0.33	0.33	100	mg/kg	<1 U	<0.2 U	<0.19 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U	<0.35 U	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	4.8	<0.12 U	3.5	2.9	<0.11 U	0.5	7.3	0.21	0.059 J

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB34_MW34D	C241175_LB34_MW34D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB35_MW35D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D	C241175_LB36_MW36D
					Sample Name	C241175_LB34_10-11	C241175_LB34_14-15	C241175_LB35_1-2	C241175_LB35_4-5	C241175_LB35_16-17	C241175_LB36_1-2	C241175_LB36_7-8	C241175_LB36_14-15	C241175_LB36_19-20
					Sample Date	09/26/2016	09/26/2016	10/03/2016	10/03/2016	10/03/2016	10/07/2016	10/07/2016	10/07/2016	10/07/2016
					Sample Depth	10-11	14-15	1-2	4-5	16-17	1-2	7-8	14-15	19-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	<0.00183 UJ	NA	NA	0.00114 J	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	0.00257 J	NA	NA	0.00143 J	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	**0.017 J**	NA	NA	**0.0131 J**	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	<0.00183 UJ	NA	NA	<0.00174 UJ	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	<0.000763 UJ	NA	NA	<0.000724 UJ	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	<0.00229 UJ	NA	NA	**0.02 J**	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	<0.00183 UJ	NA	NA	<0.00174 UJ	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	<0.00183 U	NA	NA	<0.00174 UJ	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	<0.00183 UJ	NA	NA	<0.00174 UJ	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	<0.0149 U	NA	NA	0.117 J	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	<0.00183 UJ	NA	NA	<0.00174 UJ	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	<0.00114 UJ	NA	NA	0.00449 J	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	<0.000763 UJ	NA	NA	<0.000724 UJ	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	<0.000763 UJ	NA	NA	<0.000724 UJ	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	<0.00229 UJ	NA	NA	<0.00217 UJ	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	<0.00183 UJ	NA	NA	<0.00174 UJ	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	<0.000763 UJ	NA	NA	<0.000724 UJ	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	<0.00229 UJ	NA	NA	0.0311 J	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	<0.000916 UJ	NA	NA	0.00131 J	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	<0.00343 UJ	NA	NA	0.00318 J	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	<0.00343 UJ	NA	NA	<0.00326 UJ	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	<0.0343 U	NA	NA	<0.0326 U	NA	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	<0.193 U	NA	NA	<0.185 U	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	<0.193 U	NA	NA	<0.185 U	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	<0.193 U	NA	NA	<0.185 U	NA	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	0.00786 J	<0.0391 U	<0.0358 U	0.0287 J	0.00557 J	<0.0673 U	<0.0402 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	0.0094 J	<0.0391 U	<0.0358 U	0.0102 J	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0405 U	<0.0406 U	<0.0382 U	<0.0391 U	<0.0358 U	<0.0356 U	<0.0414 U	<0.0673 U	<0.0402 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0405 U	<0.0406 U	0.0173 J	<0.0391 U	<0.0358 U	0.0389 J	0.00557 J	<0.0673 U	<0.0402 U
Metals														
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,200	7,300	6,400	6,800	3,800	5,400 J	5,400	9,900	13,000
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.9 U	<4.8 U	<4.6 U	<4.8 U	<4.4 U	<4.4 U	<5.1 U	<8.5 U	<4.8 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	3.8	2.3	11	8.2	1	2.9	11	4.1	3.6
Barium	7440-39-3	**410**	820	410	mg/kg	44	8.8	160	120	18	48 J	120	93	150
Beryllium	7440-41-7	4.4	47	43	mg/kg	<0.49 U	0.12 J	0.26 J	0.23 J	0.13 J	0.17 J	0.22 J	0.37 J	<0.48 U
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	<0.98 U	<0.97 U	1.3	0.69 J	<0.88 U	0.07 J	0.63 J	0.49 J	<0.96 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	4,100	400	2,800	1,400	500	18,000 J	5,000	550	380
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	0.26 J	<0.98 U	0.21 J	<0.96 U	0.63 J	<0.9 U	<1 U	<1.7 U	<0.98 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	8.5	13	13	13	8.2	7.1 J	24	100	87
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	8.2 J	13	13 J	13	7.6 J	7.1	24	**100**	**87**
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.7	4	9.7	5.8	4.6	2.6	5.5	2.8 J	8.2
Copper	7440-50-8	**50**	1720	280	mg/kg	28	10	**89**	43	10	14 J	**80**	18	28
Iron	7439-89-6	NS	NS	NS	mg/kg	19,000	14,000	12,000	12,000	7,300	5,500 J	19,000	70,000	31,000
Lead	7439-92-1	**63**	450	400	mg/kg	**96**	6.9	**550**	**360**	8.5	38 J	**980**	4.3 J	2.8 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,400	2,200	1,300	2,100	1,400	2,700 J	1,900	4,900	8,300
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	200	67	500	210	81	180 J	220	230	300
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.38**	0.03 J	**4.2**	**1.1**	<0.07 U	**0.21 J**	**0.61**	<0.14 U	<0.08 U
Nickel	7440-02-0	**30**	130	320	mg/kg	11	11	14	13	8.4	6.2	16	12	**62**
Potassium	7440-09-7	NS	NS	NS	mg/kg	600	480	470	460	460	550 J	1,000	4,200	13,000
Selenium	7782-49-2	3.9	4	110	mg/kg	<2 U	<1.9 U	0.84 J	0.52 J	<1.8 U	<1.7 U	0.72 J	<3.4 U	<1.9 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.98 U	<0.97 U	0.27 J	<0.96 U	<0.88 U	<0.87 U	0.2 J	<1.7 U	<0.96 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	190 J	95 J	140 J	130 J	23 J	180	220	2,000	320
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2 U	<1.9 U	<1.8 U	<1.9 U	<1.8 U	<1.7 U	<2 U	<3.4 U	<1.9 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	12	13	16	17	11	11	17	240	85
Zinc	7440-66-6	**109**	2480	6600	mg/kg	56	24	**910**	**350**	26	50 J	**820**	79	**110**
General Chemistry														
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB39_MW39D	C241175_LB39_MW39D	C241175_LB39_MW39D
					Sample Name	C241175_LB37_1-2	C241175_LB37_7-8	C241175_LB37_15-16	C241175_SODUP01_090616	C241175_LB38_1-2	C241175_LB38_11-12	C241175_LB38_18-19	C241175_LB39_1-2	C241175_LB39_11-12	C241175_LB39_18-19
					Sample Date	09/06/2016	09/06/2016	09/06/2016	09/06/2016	09/07/2016	09/07/2016	09/07/2016	09/08/2016	09/08/2016	09/08/2016
					Sample Depth	1-2	7-8	15-16	15-16	1-2	11-12	18-19	1-2	11-12	18-19
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.034 U	<1.1 U	<0.022 U	<0.032 U	<0.024 U	<7.1 U	<0.02 U	<0.024 U	<2.2 U	<0.02 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0026 U	<0.083 U	<0.0017 U	<0.0024 U	<0.0018 U	<0.54 U	<0.0015 U	<0.0018 U	<0.16 U	<0.0015 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0026 U	<0.083 U	<0.0017 U	<0.0024 U	<0.0018 U	<0.54 U	<0.0015 U	<0.0018 U	<0.16 U	<0.0015 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	0.00032 J	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.00023 J	0.26	<0.0045 UJ	<0.0063 UJ	<0.0047 U	<1.4 U	<0.0039 U	<0.0048 U	0.31 J	<0.0041 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	0.00022 J	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	0.00077 J	0.012 J	0.00016 J	<0.0079 U	0.00017 J	0.16 J	<0.0049 U	<0.0059 U	0.52 J	0.00016 J
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0068 U	<0.22 U	<0.0045 U	<0.0063 U	<0.0047 U	<1.4 U	<0.0039 U	<0.0048 U	<0.43 U	<0.0041 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.006 U	<0.19 U	<0.0039 U	<0.0055 U	<0.0041 U	<1.2 U	<0.0034 U	<0.0042 UJ	<0.38 UJ	<0.0036 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	0.00036 J	0.014 J	<0.0056 U	<0.0079 U	<0.0059 U	0.11 J	<0.0049 U	<0.0059 U	0.42 J	<0.0051 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0068 U	<0.22 U	<0.0045 U	<0.0063 U	<0.0047 U	<1.4 U	<0.0039 U	<0.0048 U	0.16 J	<0.0041 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.17 U	<5.6 U	<0.11 U	<0.16 U	<0.12 U	<36 U	<0.098 U	<0.12 U	<11 U	<0.1 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.00091 J	0.016 J	0.00014 J	<0.0063 U	<0.0047 U	0.071 J	0.00013 J	<0.0048 U	0.3 J	<0.0041 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.066**	**0.07 J**	0.013	0.017	0.0046 J	<3.6 U	0.0018 J	<0.012 U	<1.1 U	0.0087 J
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.042 U	<1.4 U	<0.028 U	<0.04 U	<0.03 U	<8.9 U	<0.025 U	<0.03 UJ	<2.7 UJ	<0.026 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 UJ	<1.1 UJ	<0.01 UJ
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	0.0043	**0.074**	<0.0011 U	<0.0016 U	0.00024 J	**25**	<0.00098 U	<0.0012 U	**2.5**	0.00094 J
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0068 U	<0.22 U	<0.0045 U	<0.0063 U	<0.0047 U	<1.4 U	<0.0039 U	<0.0048 U	<0.43 U	<0.0041 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0034 U	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	<0.71 U	<0.002 U	<0.0024 U	<0.22 U	<0.002 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0034 U	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	<0.71 U	<0.002 U	<0.0024 U	<0.22 U	<0.002 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0026 U	<0.083 U	<0.0017 U	<0.0024 U	<0.0018 U	<0.54 U	<0.0015 U	<0.0018 U	<0.16 U	<0.0015 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	0.0012	<0.0012 U	<0.11 U	<0.001 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	0.00066 J	0.07 J	0.0016 J	0.0018 J	<0.024 U	<7.1 U	<0.02 U	<0.024 U	<2.2 U	<0.02 U
Cymene	99-87-6	NS	NS	NS	mg/kg	0.00078 J	0.015 J	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	0.035 J	<0.001 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	0.00038 J	0.01 J	<0.0011 U	<0.0016 U	<0.0012 U	**1.6**	<0.00098 U	<0.0012 U	0.077 J	<0.001 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	0.00022 J	0.15	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	0.12	<0.001 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0015 J	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	0.81	<0.002 U	<0.0024 U	2	0.00036 J
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.034 U	0.21 J	<0.022 U	<0.032 U	<0.024 U	<7.1 U	<0.02 U	<0.024 U	<2.2 U	<0.02 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	0.01 J	<0.56 U	<0.011 UJ	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	**0.3 J**	<0.01 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 UJ	<1.1 UJ	<0.01 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.0031 J	0.54	0.023	0.019	<0.0047 U	0.1 J	<0.0039 U	<0.0048 U	0.039 J	<0.0041 U
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.017 U	**0.075 J**	<0.011 U	<0.016 U	<0.012 U	**0.44 J**	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.00064 J	0.3	0.00054 J	0.00033 J	<0.0059 U	2.3	<0.0049 U	<0.0059 U	0.3 J	<0.0051 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0017 U	0.035 J	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	0.074 J	<0.001 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0017 U	0.077	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	0.18	<0.001 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0034 U	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	0.45 J	<0.002 U	<0.0024 U	0.063 J	<0.002 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0017 U	0.023 J	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	0.097 J	<0.001 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0034 U	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	<0.71 U	<0.002 U	<0.0024 U	<0.22 U	<0.002 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.00064 J	0.0084 J	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	0.05 J	<0.0051 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.013 J	<3.3 U	<0.067 U	<0.095 U	<0.071 U	<21 U	<0.059 U	<0.071 UJ	<6.5 UJ	<0.062 UJ
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0034 U	<0.11 U	0.00048 J	0.0005 J	<0.0024 U	<0.71 U	<0.002 U	<0.0024 U	<0.22 U	0.0008 J
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	0.00065 J	<0.056 U	0.00017 J	<0.0016 U	0.0021	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	0.00036 J
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	0.0035	0.02 J	0.0035	0.0063	0.0011 J	0.55	<0.0015 U	<0.0018 UJ	0.26	0.0023
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	0.0015 J	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	**1.3 J**	<0.002 U	<0.0024 U	**2.1 J**	0.00036 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0026 U	<0.083 U	<0.0017 U	<0.0024 U	<0.0018 U	<0.54 U	<0.0015 U	<0.0018 U	<0.16 U	<0.0015 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0017 U	<0.056 U	<0.0011 U	<0.0016 U	<0.0012 U	<0.36 U	<0.00098 U	<0.0012 U	<0.11 U	<0.001 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0085 U	<0.28 U	<0.0056 U	<0.0079 U	<0.0059 U	<1.8 U	<0.0049 U	<0.0059 U	<0.54 U	<0.0051 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.017 U	<0.56 U	<0.011 U	<0.016 U	<0.012 U	<3.6 U	<0.0098 U	<0.012 U	<1.1 U	<0.01 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0034 U	<0.11 U	<0.0022 U	<0.0032 U	<0.0024 U	<0.71 U	<0.002 U	<0.0024 U	<0.22 U	<0.002 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB39_MW39D	C241175_LB39_MW39D	C241175_LB39_MW39D
					Sample Name	C241175_LB37_1-2	C241175_LB37_7-8	C241175_LB37_15-16	C241175_SODUP01_090616	C241175_LB38_1-2	C241175_LB38_11-12	C241175_LB38_18-19	C241175_LB39_1-2	C241175_LB39_11-12	C241175_LB39_18-19
					Sample Date	09/06/2016	09/06/2016	09/06/2016	09/06/2016	09/07/2016	09/07/2016	09/07/2016	09/08/2016	09/08/2016	09/08/2016
					Sample Depth	1-2	7-8	15-16	15-16	1-2	11-12	18-19	1-2	11-12	18-19
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 UJ	<0.19 UJ	<0.21 UJ
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 UJ	<0.19 UJ	<0.21 UJ
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 UJ	<0.19 UJ	<0.21 UJ
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.22 U	<0.37 U	<0.12 U	<0.11 U	<0.12 U	<0.13 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.33 U	<0.56 U	<0.18 U	<0.16 U	<0.18 U	<0.19 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.87 U	<0.92 U	<0.98 U	<0.98 U	<1.8 U	<3 U	<0.96 U	<0.85 U	<0.93 U	<1 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.099 J	<0.23 U	<0.24 U	<0.25 U	0.093 J	0.098 J	<0.24 U	0.022 J	0.074 J	<0.26 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.39 U	<0.41 U	<0.44 U	<0.44 U	<0.8 U	<1.3 U	<0.43 U	<0.38 U	<0.42 U	<0.46 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.26 U	<0.28 U	<0.29 U	<0.3 U	0.15 J	<0.89 U	<0.29 U	0.039 J	<0.28 U	<0.31 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 UJ	<0.62 UJ	<0.2 UJ	<0.18 U	<0.19 U	<0.21 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.47 U	<0.5 U	<0.53 U	<0.53 U	<0.96 U	<1.6 U	<0.52 U	<0.46 U	<0.5 U	<0.56 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 UJ	<0.62 UJ	<0.2 UJ	<0.18 UJ	<0.19 UJ	<0.21 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	<0.29 U	<0.29 U	<0.52 U	<0.87 U	<0.28 U	<0.25 U	<0.27 U	<0.3 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.15	1.8	<0.16 U	<0.16 U	0.074 J	0.82	<0.16 U	0.03 J	0.3	0.032 J
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.13 J	<0.15 U	<0.16 U	<0.16 U	0.92	0.12 J	<0.16 U	0.17	0.03 J	<0.17 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Anthracene	120-12-7	100	1000	100	mg/kg	0.72	1.4	<0.12 U	<0.12 U	0.67	1.4	<0.12 U	0.33	0.58	<0.13 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.3 U	<0.5 U	<0.16 U	<0.14 U	<0.16 U	<0.17 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.24 U	<0.25 U	<0.27 U	<0.27 U	<0.49 U	<0.82 U	<0.26 U	<0.23 U	<0.26 U	<0.28 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.6 U	<0.63 U	<0.67 U	<0.68 U	<1.2 U	<2 U	<0.66 U	<0.58 UJ	<0.64 UJ	<0.71 UJ
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**2.7**	**2.4**	<0.12 U	<0.12 U	**6.3**	**7.8**	<0.12 U	**2**	**2.5**	<0.13 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**4.5**	**3.5**	<0.16 U	<0.16 U	**6.4**	**16**	<0.16 U	**1.3**	**4.8**	<0.17 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**2.9**	**3.2**	<0.12 U	<0.12 U	**7.6**	**16**	<0.12 U	**1.8**	**5.1**	<0.13 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**1.8**	**1.9**	<0.16 U	<0.16 U	**2.6**	**10**	<0.16 U	0.46	**3.1**	<0.17 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**1**	**1.2**	<0.12 U	<0.12 U	**3**	**5.5**	<0.12 U	0.68	**1.7**	<0.13 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.59 U	<0.62 U	<0.66 U	<0.66 U	<1.2 U	<2 U	<0.64 U	<0.58 UJ	<0.63 UJ	<0.69 UJ
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.42 U	<0.44 U	<0.47 U	<0.47 U	<0.84 UJ	<1.4 UJ	<0.45 UJ	<0.4 U	<0.44 U	<0.49 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.21 U	<0.22 U	<0.22 U	<0.4 U	<0.67 U	<0.22 U	<0.19 U	<0.21 U	<0.23 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.33 U	<0.56 U	<0.18 U	<0.16 U	<0.18 U	<0.19 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.22 U	<0.23 U	<0.24 U	<0.25 U	<0.44 U	<0.74 U	<0.24 U	<0.21 U	<0.23 U	<0.26 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	0.22	<0.21 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.13 J	<0.19 U	<0.2 U	<0.2 U	0.15 J	0.69 J	<0.2 UJ	0.059 J	0.21	<0.21 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**2.7**	**2.4**	<0.12 U	<0.12 U	**5.7**	**7.2**	<0.12 U	**1.7**	**2.4**	<0.13 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**0.73**	**0.6**	<0.12 U	<0.12 U	**0.97**	**2.8**	<0.12 U	0.2	**0.98**	<0.13 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	0.08 J	0.32	<0.2 U	<0.2 U	0.079 J	0.22 J	<0.2 U	0.026 J	0.1 J	<0.21 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	2.9	<0.11 U	<0.12 U	<0.12 U	6	7.3	<0.12 U	2.4	2.3	<0.13 U
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	0.11 J	0.39 J	<0.2 U	0.031 J	0.15 J	<0.21 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.22 U	<0.37 U	<0.12 U	<0.11 U	<0.12 U	<0.13 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.52 U	<0.55 U	<0.58 U	<0.59 U	<1.1 U	<1.8 U	<0.57 U	<0.51 UJ	<0.56 UJ	<0.61 UJ
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.3 U	<0.5 U	<0.16 U	<0.14 U	<0.16 U	<0.17 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**2**	**2.3**	<0.16 U	<0.16 U	**3.3**	**12**	<0.16 U	**0.61**	**3.9**	<0.17 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.33 U	<0.56 U	<0.18 U	<0.16 U	<0.18 U	<0.19 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.086 J	0.28	<0.2 U	<0.2 U	0.3 J	0.52 J	<0.2 U	0.086 J	0.47	<0.21 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.16 U	<0.17 U	<0.18 U	<0.18 U	<0.33 U	<0.56 U	<0.18 U	<0.16 U	<0.18 U	<0.19 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.36 U	<0.38 U	<0.41 U	<0.41 U	<0.74 U	<1.2 U	<0.4 U	<0.35 U	<0.39 U	<0.43 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	<0.37 U	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.3 U	<0.5 U	<0.16 U	<0.14 U	<0.16 U	<0.17 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.14 U	<0.15 U	<0.16 U	<0.16 U	<0.3 U	<0.5 U	<0.16 U	<0.14 U	<0.16 U	<0.17 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**2.4**	**4.8**	<0.12 U	<0.12 U	1.1	**3.8**	<0.12 U	1	**1.3**	<0.13 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.18 U	<0.19 U	<0.2 U	<0.2 U	0.087 J	<0.62 U	<0.2 U	<0.18 U	<0.19 U	<0.21 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	2.8	3.7	<0.12 U	<0.12 U	6.5	6.8	<0.12 U	2	2.1	<0.13 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB37_MW37D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB38_MW38D	C241175_LB39_MW39D	C241175_LB39_MW39D	C241175_LB39_MW39D
					Sample Name	C241175_LB37_1-2	C241175_LB37_7-8	C241175_LB37_15-16	C241175_SODUP01_090616	C241175_LB38_1-2	C241175_LB38_11-12	C241175_LB38_18-19	C241175_LB39_1-2	C241175_LB39_11-12	C241175_LB39_18-19
					Sample Date	09/06/2016	09/06/2016	09/06/2016	09/06/2016	09/07/2016	09/07/2016	09/07/2016	09/08/2016	09/08/2016	09/08/2016
					Sample Depth	1-2	7-8	15-16	15-16	1-2	11-12	18-19	1-2	11-12	18-19
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	<0.00327 U	NA	NA	NA	<0.00334 U	NA	NA	<0.00316 U	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.000726 U	NA	NA	NA	<0.000743 U	NA	NA	<0.000703 U	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	<0.00218 U	NA	NA	NA	<0.00223 U	NA	NA	<0.00211 U	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.00174 U	NA	NA	NA	0.00308 J	NA	NA	<0.00169 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0142 U	NA	NA	NA	<0.0145 U	NA	NA	<0.0137 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00109 U	NA	NA	NA	0.0014 J	NA	NA	<0.00105 U	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.000726 U	NA	NA	NA	<0.000743 U	NA	NA	<0.000703 U	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.000726 U	NA	NA	NA	<0.000743 U	NA	NA	<0.000703 U	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00218 U	NA	NA	NA	<0.00223 U	NA	NA	<0.00211 U	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00174 U	NA	NA	NA	<0.00178 U	NA	NA	<0.00169 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.000726 U	NA	NA	NA	<0.000743 U	NA	NA	<0.000703 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.00218 U	NA	NA	NA	<0.00223 U	NA	NA	<0.00211 U	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	<0.000871 U	NA	NA	NA	<0.000892 U	NA	NA	<0.000844 U	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00327 U	NA	NA	NA	<0.00334 U	NA	NA	<0.00316 U	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00327 U	NA	NA	NA	<0.00334 U	NA	NA	<0.00316 U	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0327 U	NA	NA	NA	<0.0334 U	NA	NA	<0.0316 U	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.185 U	NA	NA	NA	<0.186 U	NA	NA	<0.175 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.185 U	NA	NA	NA	<0.186 U	NA	NA	<0.175 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.185 U	NA	NA	NA	<0.186 U	NA	NA	<0.175 U	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	0.0109 J	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0364 U	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	0.0109 J	<0.0383 U	<0.0414 U	<0.0413 U	<0.0358 U	<0.0614 U	<0.0387 U	<0.0342 U	<0.0374 U	<0.041 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,700	5,000	4,600	5,300	5,000	9,700	4,600	4,800	3,600	4,900
Antimony	7440-36-0	NS	NS	NS	mg/kg	2.4 J	<4.4 U	<4.8 U	<5 U	1.4 J	<7.5 U	<4.7 U	<4.2 U	<4.5 U	<4.9 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	**18 J**	4.4	2.2 J	4 J	7.7	7.3	2.6	1.2	6.5	1.7
Barium	7440-39-3	**410**	820	410	mg/kg	110	52	17 J	30 J	**1,300**	95	8.9	36	40	8.3
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.32 J	0.3 J	0.28 J	0.48 J	0.3 J	0.62 J	0.12 J	0.12 J	0.13 J	0.31 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	**4.3 J**	0.2 J	<0.96 U	0.16 J	1.5	<1.5 U	<0.93 U	<0.84 U	<0.9 U	<0.97 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	23,000	26,000	710 J	2,300 J	14,000	8,300	840	900	15,000	520
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.9 U	<0.94 U	<1 U	<1 U	<0.91 U	<1.5 U	<0.96 U	<0.86 U	0.26 J	<1 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	12	9.5	9.8 J	20 J	13	21	7.1	11	6.2	10
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	12	9.5	9.8 J	20 J	13	21	7.1	11	5.9 J	10
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4	4	4.3	5.2	4.7	8.8	7.7	3.9	3	3.9
Copper	7440-50-8	**50**	1720	280	mg/kg	35 J	13	6.4 J	15 J	**88**	32	10	11	16	11
Iron	7439-89-6	NS	NS	NS	mg/kg	12,000	13,000	9,200	14,000	11,000	21,000	7,800	8,500	11,000	11,000
Lead	7439-92-1	**63**	450	400	mg/kg	**530**	**160**	4.9 J	47 J	**240**	54	5.9	15	**96**	5.4
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,200 J	2,600	2,200	2,300	2,100	4,000	2,100	1,600	1,300	2,200
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	230 J	350	68	110	240	400	80	210	220	64
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.76**	**3.2**	<0.08 UJ	**0.46 J**	**1.1**	0.15	0.02 J	0.05 J	**0.22**	<0.09 U
Nickel	7440-02-0	**30**	130	320	mg/kg	9.6	11	12	14	22	20	17	9.1	8.1	14
Potassium	7440-09-7	NS	NS	NS	mg/kg	860 J	620	420	550	690	1,900	410	700	480	410
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.8 U	<1.8 U	<1.9 U	<2 U	0.62 J	<3 U	<1.9 U	<1.7 U	0.85 J	<1.9 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.88 U	<0.89 U	<0.96 U	<0.99 U	**12**	<1.5 U	<0.93 U	<0.84 U	<0.9 U	<0.97 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	120 J	380	56 J	96 J	230	320	70 J	44 J	180	80 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 UJ	<1.8 U	<1.9 U	<2 U	<1.8 U	<3 U	<1.9 U	<1.7 U	<1.8 U	<1.9 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	15	14	13	14	20	31	6.8	16	10	14
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**2,900**	**560**	29 J	**160 J**	**340**	58	39	36	56	29
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB41	C241175_LB41	C241175_LB41	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB43	C241175_LB43	C241175_LB43	C241175_LB44	C241175_LB44	C241175_LB44
					Sample Name	C241175_LB41_1-2	C241175_LB41_4-5	C241175_LB41_10-11	C241175_LB42_1-2	C241175_LB42_5-6	C241175_LB42_9-10	C241175_LB42_20-21	C241175_LB43_1-2	C241175_LB43_2-3	C241175_LB43_8-9	C241175_LB44_1-2	C241175_LB44_2-3	C241175_LB44_8-9
					Sample Date	09/27/2016	09/27/2016	09/27/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016
					Sample Depth	1-2	4-5	10-11	1-2	5-6	9-10	20-21	1-2	2-3	8-9	1-2	2-3	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.03 U	<1.4 U	<0.022 U	<1 U	<0.024 U	<0.025 U	<0.02 U	<1.7 U	<0.022 U	<0.014 U	<0.019 U	<1.5 U	<0.018 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0022 U	<0.1 U	<0.0017 U	<0.076 U	<0.0018 U	<0.0019 U	<0.0015 U	<0.13 U	<0.0017 U	<0.0011 U	<0.0014 U	<0.11 U	<0.0014 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0022 U	<0.1 U	<0.0017 U	<0.076 U	<0.0018 U	0.0023 J	<0.0015 U	0.029 J	<0.0017 U	<0.0011 U	<0.0014 U	<0.11 U	<0.0014 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	0.01 J	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.006 U	0.12 J	0.00027 J	0.033 J	<0.0048 U	<0.005 U	<0.004 U	0.12 J	<0.0044 U	<0.0029 U	0.00019 J	0.85	0.00056 J
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	0.022 J	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	0.00061 J	0.19 J	<0.0056 U	0.59	<0.006 U	0.00023 J	0.00014 J	2.1	0.00064 J	<0.0036 U	<0.0047 U	0.074 J	<0.0045 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.006 U	<0.28 U	<0.0045 U	<0.2 U	<0.0048 U	<0.005 U	<0.004 U	<0.34 U	<0.0044 U	<0.0029 U	<0.0038 U	<0.3 U	<0.0036 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	0.24 J	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0053 U	<0.25 U	<0.0039 U	<0.18 U	<0.0042 U	<0.0044 U	<0.0035 U	<0.29 U	<0.0039 U	<0.0026 U	<0.0033 U	<0.26 U	<0.0032 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	0.00063 J	0.1 J	<0.0056 U	0.23 J	<0.006 U	0.0002 J	<0.005 U	0.6	<0.0056 U	<0.0036 U	<0.0047 U	0.033 J	<0.0045 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	0.042 J	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	0.032 J	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.006 U	<0.28 U	<0.0045 U	0.28	<0.0048 U	<0.005 U	<0.004 U	0.36	<0.0044 U	<0.0029 U	<0.0038 U	0.035 J	<0.0036 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.15 U	<7 U	<0.11 U	<5.1 U	<0.12 U	<0.12 U	<0.1 U	<8.4 U	<0.11 U	<0.073 U	<0.094 U	<7.6 U	<0.09 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.006 U	0.12 J	<0.0045 U	0.22	<0.0048 U	<0.005 U	<0.004 U	0.7	<0.0044 U	0.0001 J	<0.0038 U	0.03 J	<0.0036 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.041**	<0.7 U	**0.04**	**0.13 J**	0.0044 J	**0.042 J**	0.026 J	**0.71 J**	0.0079 J	<0.0092 U	0.019	<0.76 U	**0.046**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.038 U	<1.8 U	<0.028 U	<1.3 U	<0.03 U	<0.031 U	<0.025 U	<2.1 U	<0.028 U	<0.018 U	<0.023 U	<1.9 U	<0.023 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	0.00081 J	**0.45**	0.00026 J	0.0065 J	<0.0012 U	<0.0012 U	<0.001 U	**0.44**	0.00037 J	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.006 U	<0.28 U	<0.0045 U	<0.2 U	<0.0048 U	<0.005 U	<0.004 U	<0.34 U	<0.0044 U	<0.0029 U	<0.0038 U	<0.3 U	<0.0036 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.003 U	<0.14 U	<0.0022 U	<0.1 U	<0.0024 U	<0.0025 U	<0.002 U	<0.17 U	<0.0022 U	<0.0014 U	<0.0019 U	<0.15 U	<0.0018 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	0.0071 J	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.003 U	<0.14 U	<0.0022 U	<0.1 U	<0.0024 U	<0.0025 U	<0.002 U	<0.17 U	<0.0022 U	<0.0014 U	<0.0019 U	<0.15 U	<0.0018 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	0.0013 J	<0.1 U	<0.0017 U	<0.076 U	<0.0018 U	<0.0019 U	<0.0015 U	<0.13 U	<0.0017 U	<0.0011 U	<0.0014 U	<0.11 U	<0.0014 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	0.025 J	0.76 J	0.0015 J	<1 U	<0.024 U	0.014 J	0.0013 J	0.61 J	0.00037 J	0.00069 J	<0.019 U	0.21 J	0.00053 J
Cymene	99-87-6	NS	NS	NS	mg/kg	0.00023 J	0.03 J	<0.0011 U	0.063	<0.0012 U	<0.0012 U	<0.001 U	0.64	<0.0011 U	<0.00073 U	<0.00094 U	0.014 J	<0.0009 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	0.00039 J	0.16	<0.0011 U	0.1	<0.0012 U	<0.0012 U	<0.001 U	0.26	<0.0011 U	<0.00073 U	<0.00094 U	0.011 J	<0.0009 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	0.00016 J	0.18	<0.0011 U	0.02 J	<0.0012 U	<0.0012 U	<0.001 U	0.063 J	<0.0011 U	<0.00073 U	<0.00094 U	0.11	<0.0009 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0011 J	0.66	<0.0022 U	0.74	<0.0024 U	<0.0025 U	<0.002 U	2	<0.0022 U	<0.0014 U	<0.0019 U	0.077 J	<0.0018 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.03 U	<1.4 U	0.0073 J	0.35 J	<0.024 U	<0.025 U	<0.02 U	<1.7 U	<0.022 U	<0.014 U	<0.019 U	0.31 J	<0.018 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	**0.47 J**	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	0.009 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.11	7	0.0041 J	<0.2 U	<0.0048 U	0.0095	0.002 J	1.5	0.00035 J	0.0014 J	0.0011 J	1	0.0047
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.015 U	<0.7 U	0.0015 J	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0075 U	0.071 J	<0.0056 U	0.046 J	<0.006 U	<0.0062 U	<0.005 U	0.18 J	<0.0056 U	<0.0036 U	<0.0047 U	0.49	<0.0045 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0015 U	0.069 J	<0.0011 U	0.037 J	<0.0012 U	<0.0012 U	<0.001 U	0.16	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0015 U	0.21	<0.0011 U	0.033 J	<0.0012 U	<0.0012 U	<0.001 U	0.23	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.003 U	0.054 J	<0.0022 U	0.42	<0.0024 U	<0.0025 U	<0.002 U	0.33	<0.0022 U	<0.0014 U	<0.0019 U	0.068 J	<0.0018 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0015 U	0.082	<0.0011 U	0.032 J	<0.0012 U	<0.0012 U	<0.001 U	0.085	<0.0011 U	<0.00073 U	<0.00094 U	0.038 J	<0.0009 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.003 U	<0.14 U	<0.0022 U	<0.1 U	<0.0024 U	<0.0025 U	<0.002 U	<0.17 U	<0.0022 U	<0.0014 U	<0.0019 U	<0.15 U	<0.0018 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0075 U	0.016 J	<0.0056 U	<0.25 U	<0.006 U	0.0013 J	0.00085 J	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	0.037 J	<0.0045 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.09 U	<4.2 U	<0.067 U	<3 U	0.006 J	0.0068 J	0.011 J	<5 U	0.0058 J	0.0044 J	0.0051 J	<4.6 U	0.005 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.003 U	<0.14 U	0.00079 J	<0.1 U	<0.0024 U	<0.0025 U	0.0015 J	<0.17 U	<0.0022 U	0.0016 J	<0.0019 U	<0.15 U	0.0015 J
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	0.0017 J	0.2 J	0.0018 J	<0.076 U	0.0013 J	0.0017 J	0.003	**0.73**	<0.0017 U	0.0011	0.00094 J	0.032 J	0.0021 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	0.0011 J	**0.71 J**	<0.0022 U	**1.2**	<0.0024 U	<0.0025 U	<0.002 U	**2.3**	<0.0022 U	<0.0014 U	<0.0019 U	0.15 J	<0.0018 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0022 U	<0.1 U	<0.0017 U	<0.076 U	<0.0018 U	<0.0019 U	<0.0015 U	<0.13 U	<0.0017 U	<0.0011 U	<0.0014 U	<0.11 U	<0.0014 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0015 U	<0.07 U	<0.0011 U	<0.051 U	<0.0012 U	<0.0012 U	<0.001 U	<0.084 U	<0.0011 U	<0.00073 U	<0.00094 U	<0.076 U	<0.0009 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0075 U	<0.35 U	<0.0056 U	<0.25 U	<0.006 U	<0.0062 U	<0.005 U	<0.42 U	<0.0056 U	<0.0036 U	<0.0047 U	<0.38 U	<0.0045 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.015 U	<0.7 U	<0.011 U	<0.51 U	<0.012 U	<0.012 U	<0.01 U	<0.84 U	<0.011 U	<0.0073 U	<0.0094 U	<0.76 U	<0.009 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.003 U	<0.14 U	<0.0022 U	<0.1 U	<0.0024 U	<0.0025 U	<0.002 U	<0.17 U	<0.0022 U	<0.0014 U	<0.0019 U	<0.15 U	<0.0018 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB41	C241175_LB41	C241175_LB41	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB43	C241175_LB43	C241175_LB43	C241175_LB44	C241175_LB44	C241175_LB44
					Sample Name	C241175_LB41_1-2	C241175_LB41_4-5	C241175_LB41_10-11	C241175_LB42_1-2	C241175_LB42_5-6	C241175_LB42_9-10	C241175_LB42_20-21	C241175_LB43_1-2	C241175_LB43_2-3	C241175_LB43_8-9	C241175_LB44_1-2	C241175_LB44_2-3	C241175_LB44_8-9
					Sample Date	09/27/2016	09/27/2016	09/27/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016
					Sample Depth	1-2	4-5	10-11	1-2	5-6	9-10	20-21	1-2	2-3	8-9	1-2	2-3	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.18 U	<0.2 U	<0.2 U	0.043 J	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 R	<0.12 U	<0.12 U	<0.1 R	<0.2 U	<0.13 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.16 R	<0.18 U	<0.18 U	<0.15 R	<0.31 U	<0.2 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.88 R	<0.95 U	<0.97 U	<0.81 R	<1.6 U	<1 U	<1 U	<0.92 U	<0.9 U	<0.93 U	<0.9 U	<0.95 U	<0.94 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.22 U	0.092 J	<0.24 U	0.092 J	0.24 J	0.049 J	<0.25 U	0.11 J	0.14 J	<0.23 U	0.066 J	0.11 J	<0.23 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.4 R	<0.43 U	<0.44 U	<0.36 R	<0.74 U	<0.47 U	<0.45 U	<0.42 U	<0.4 U	<0.42 U	<0.41 U	<0.43 U	<0.42 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.26 R	0.068 J	<0.29 U	<0.24 R	<0.49 U	**0.66**	<0.3 U	<0.28 U	<0.27 U	<0.28 U	0.035 J	0.035 J	<0.28 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.18 UJ	<0.2 UJ	<0.2 UJ	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 UJ	<0.2 UJ	<0.2 UJ
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.48 R	<0.51 U	<0.53 U	<0.44 R	<0.89 U	<0.57 U	<0.54 U	<0.5 U	<0.49 U	<0.5 U	<0.49 U	<0.51 U	<0.51 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 UJ	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 UJ	<0.2 UJ	<0.2 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.26 R	<0.28 U	<0.28 U	<0.24 R	<0.48 U	<0.3 U	<0.29 U	<0.27 U	<0.26 U	<0.27 U	<0.26 U	<0.28 U	<0.27 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.028 J	0.2	<0.16 U	0.14	0.13 J	0.4	<0.17 U	0.3	0.84	<0.15 U	0.42	0.22	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.15 U	<0.16 U	<0.16 U	0.044 J	0.94	<0.17 U	<0.17 U	0.051 J	0.067 J	<0.15 U	0.13 J	0.071 J	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	0.04 J	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	0.048 J	0.41	<0.12 U	0.34	0.64	0.36	<0.12 U	0.42	1.2	<0.12 U	0.74	0.24	<0.12 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.15 U	<0.16 U	<0.16 U	<0.13 U	<0.27 U	<0.17 U	<0.17 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.24 U	<0.26 U	<0.27 U	<0.22 U	<0.45 U	<0.29 U	<0.27 U	<0.25 U	<0.25 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.6 U	<0.65 U	<0.67 U	<0.56 U	<1.1 U	<0.72 U	<0.68 U	<0.63 U	<0.62 U	<0.64 U	<0.62 U	<0.65 U	<0.64 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.33	**1.6**	<0.12 U	0.6	**3.3**	**2.2**	0.043 J	**3.3**	**6.6**	0.09 J	**2.7**	0.7	<0.12 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	0.75	**2.9**	<0.16 U	0.65	**6.6**	**6.1**	0.07 J	**7**	**22**	0.21	**5.4**	0.9	<0.16 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	0.71	**3.1**	<0.12 U	0.92	**7.9**	**5.6**	0.067 J	**6.6**	**21**	0.19	**5**	0.95	<0.12 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	0.54	**2.6**	<0.16 U	0.54	**11**	**6**	0.054 J	**6.2**	**16**	0.16	**4.2**	0.52	<0.16 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.27	**0.94**	<0.12 U	0.24	**2.1**	**2.1**	<0.12 U	**2.3**	**4.5**	0.074 J	**1.9**	0.35	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.59 U	<0.64 U	<0.66 U	<0.54 U	<1.1 U	<0.71 U	<0.67 U	<0.62 U	<0.61 U	<0.63 U	<0.61 U	<0.64 U	<0.63 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	0.068 J	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.42 U	<0.45 U	<0.46 U	<0.38 U	<0.78 U	<0.5 U	<0.47 U	<0.44 U	<0.43 U	<0.44 U	<0.43 U	<0.45 U	<0.44 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.21 U	<0.22 U	<0.18 U	<0.37 U	<0.24 U	<0.22 U	<0.21 U	<0.2 U	<0.21 U	<0.2 U	<0.21 U	<0.21 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.16 U	<0.18 U	<0.18 UJ	<0.15 U	<0.31 U	<0.2 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 UJ	<0.18 UJ	<0.18 UJ
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.22 U	<0.24 U	<0.24 U	<0.2 U	<0.41 U	<0.26 U	<0.25 U	<0.23 U	<0.22 U	<0.23 U	<0.22 U	<0.24 U	<0.23 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	0.28	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.024 J	0.14 J	<0.2 U	0.14 J	0.36	0.18 J	<0.21 U	0.21	0.57	<0.19 U	0.25	0.045 J	<0.2 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	0.31	**1.4**	<0.12 U	0.6	**3.3**	**2.2**	0.035 J	**3.3**	**6.4**	0.08 J	**2.6**	0.65	<0.12 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.17	**0.59**	<0.12 U	0.12	**1.4**	**1.2**	<0.12 U	**1.6**	**3.4**	0.042 J	**1.1**	0.16	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.18 U	0.1 J	<0.2 U	0.15 J	0.25 J	0.063 J	<0.21 U	0.073 J	0.21	<0.19 U	0.084 J	0.072 J	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	0.048 J	<0.2 U	<0.2 U	0.1 J	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	0.097 J	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	0.29	1.7	<0.12 U	1.4	4.9	2.2	0.037 J	2.7	6.2	0.07 J	3.5	0.98	<0.12 U
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.18 U	0.15 J	<0.2 U	0.16 J	0.18 J	0.098 J	<0.21 U	0.099 J	0.32	<0.19 U	0.26	0.24	<0.2 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.1 U	<0.2 U	<0.13 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.52 U	<0.56 U	<0.58 U	<0.48 U	<0.98 U	<0.62 U	<0.59 U	<0.55 U	<0.54 U	<0.55 U	<0.54 U	<0.56 U	<0.56 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.16 U	<0.16 U	<0.13 U	<0.27 U	<0.17 U	<0.17 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**0.61**	**2.7**	<0.16 U	**0.53**	**8**	**6.8**	0.065 J	**6**	**18**	0.18	**4.7**	**0.61**	<0.16 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.16 U	<0.18 U	<0.18 U	<0.15 U	<0.31 U	<0.2 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.18 U	0.18 J	<0.2 U	0.27	1.6	0.12 J	<0.21 U	0.25	0.44	<0.19 U	0.11 J	0.32	<0.2 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.16 U	<0.18 U	<0.18 U	<0.15 U	<0.31 U	<0.2 U	<0.19 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.37 U	<0.39 U	<0.4 U	<0.34 U	<0.68 U	<0.44 U	<0.42 U	<0.38 U	<0.37 U	<0.39 U	<0.38 U	<0.39 U	<0.39 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.18 U	<0.2 U	<0.2 U	<0.17 U	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.16 U	<0.16 U	<0.13 U	<0.27 U	<0.17 U	<0.17 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.15 R	<0.16 U	<0.16 U	<0.13 R	<0.27 U	<0.17 U	<0.17 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	0.13	0.87	<0.12 U	**1.4**	**2.4**	0.99	<0.12 U	**1.2**	**3.3**	0.028 J	**2.1**	0.51	<0.12 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.18 R	<0.2 U	<0.2 U	<0.17 R	<0.34 U	<0.22 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	0.27	1.4	<0.12 U	1.2	4.7	2.3	0.034 J	2.8	5.9	0.072 J	3.2	0.87	<0.12 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB41	C241175_LB41	C241175_LB41	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB42	C241175_LB43	C241175_LB43	C241175_LB43	C241175_LB44	C241175_LB44	C241175_LB44
					Sample Name	C241175_LB41_1-2	C241175_LB41_4-5	C241175_LB41_10-11	C241175_LB42_1-2	C241175_LB42_5-6	C241175_LB42_9-10	C241175_LB42_20-21	C241175_LB43_1-2	C241175_LB43_2-3	C241175_LB43_8-9	C241175_LB44_1-2	C241175_LB44_2-3	C241175_LB44_8-9
					Sample Date	09/27/2016	09/27/2016	09/27/2016	09/29/2016	09/29/2016	09/29/2016	09/29/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016
					Sample Depth	1-2	4-5	10-11	1-2	5-6	9-10	20-21	1-2	2-3	8-9	1-2	2-3	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	0.00136 J	NA	NA	0.00164 J	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	0.00202	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	**0.00625**	NA	NA	<0.00304 U	NA	NA	NA	<0.00337 U	NA	NA	<0.00348 U	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.000706 U	NA	NA	<0.000676 U	NA	NA	NA	<0.00075 U	NA	NA	<0.000773 U	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	<0.00212 U	NA	NA	<0.00203 U	NA	NA	NA	<0.00225 U	NA	NA	<0.00232 U	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0138 U	NA	NA	<0.0132 U	NA	NA	NA	<0.0146 U	NA	NA	<0.0151 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00106 U	NA	NA	<0.00101 U	NA	NA	NA	0.0009 J	NA	NA	<0.00116 U	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.000706 U	NA	NA	<0.000676 U	NA	NA	NA	<0.00075 U	NA	NA	<0.000773 U	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.000706 U	NA	NA	<0.000676 U	NA	NA	NA	<0.00075 U	NA	NA	0.0012 PI	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00212 U	NA	NA	<0.00203 U	NA	NA	NA	<0.00225 U	NA	NA	<0.00232 U	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.0017 U	NA	NA	<0.00162 U	NA	NA	NA	<0.0018 U	NA	NA	<0.00185 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.000706 U	NA	NA	<0.000676 U	NA	NA	NA	<0.00075 U	NA	NA	<0.000773 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.00212 U	NA	NA	<0.00203 U	NA	NA	NA	<0.00225 U	NA	NA	<0.00232 U	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	<0.000848 U	NA	NA	<0.000811 U	NA	NA	NA	0.000816 J	NA	NA	<0.000927 U	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00318 U	NA	NA	<0.00304 U	NA	NA	NA	0.00138 J	NA	NA	0.00154 J	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00318 U	NA	NA	<0.00304 U	NA	NA	NA	<0.00337 U	NA	NA	<0.00348 U	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0318 U	NA	NA	<0.0304 U	NA	NA	NA	<0.0337 U	NA	NA	<0.0348 U	NA	NA
Herbicides																		
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	<0.17 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.185 U	NA	NA	<0.17 U	NA	NA	NA	<0.19 U	NA	NA	<0.191 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.185 U	NA	NA	<0.17 U	NA	NA	NA	<0.19 U	NA	NA	<0.191 U	NA	NA
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	0.0333 J	0.0227 J	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	0.0545	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	0.024 J	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0366 U	<0.0389 U	<0.0389 U	<0.0335 U	<0.0455 U	<0.044 U	<0.0397 U	<0.0378 U	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	0.0333 J	0.0227 J	<0.0389 U	0.024 J	<0.0455 U	<0.044 U	<0.0397 U	0.0545	<0.0359 U	<0.0382 U	<0.0373 U	<0.0381 U	<0.0396 U
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	3,500	6,200	6,300	4,300	8,600	4,400	5,400	4,200	2,800	4,800	6,300	4,400	6,400
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.4 U	<4.6 U	<4.7 U	0.86 J	<5.4 U	<5.1 U	<4.9 U	<4.6 U	<4.5 U	<4.7 U	<4.5 U	<4.6 U	<4.6 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	3.6	4.6	1.4	**19**	8	10	1.7	13	5.9	0.84 J	4.4	2.3	1.1
Barium	7440-39-3	**410**	820	410	mg/kg	42	43	27	89	110	210	52	64	38	21	52	26	24
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.12 J	0.2 J	0.27 J	0.28 J	0.38 J	0.36 J	0.21 J	0.25 J	0.18 J	0.28 J	0.2 J	0.11 J	0.36 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	**3.2 J**	<0.93 U	<0.94 U	0.42 J	0.22 J	0.5 J	0.1 J	**4**	0.56 J	0.13 J	<0.91 U	<0.92 U	<0.91 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	34,000	15,000	790	25,000	17,000	2,800	950	6,900	2,100	450	11,000	5,600	330
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	0.23 J	<0.97 U	<0.99 U	0.26 J	0.28 J	<10 U	0.61 J	0.43 J	0.28 J	<0.94 U	<0.93 U	<0.96 U	<0.96 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	11	11	13	9.8	18	11	9.5	9.2	8.7	7	10	6.8	15
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	11 J	11	13	9.5 J	18 J	11	8.9 J	8.8 J	8.4 J	7	10	6.8	15
Cobalt	7440-48-4	NS	NS	NS	mg/kg	3 J	5.4	5.2	4.1	8.6	6	4.6	7.1	3.4	3.2	4.2	3.5	6.2
Copper	7440-50-8	**50**	1720	280	mg/kg	14 J	17	10	32	24	23	11	33	36	4.4	17	8.2	8.7
Iron	7439-89-6	NS	NS	NS	mg/kg	5,200	18,000	15,000	11,000	19,000	38,000	12,000	12,000	11,000	7,200	12,000	15,000	11,000
Lead	7439-92-1	**63**	450	400	mg/kg	62	**190**	5.1	**450**	**190**	51	6.6	**110**	63	8.8	**530**	**180**	5.8
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,300 J	2,000	1,900	1,700	3,800	1,000	2,400	1,300	870	1,000	2,300	2,800	2,000
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	100 J	290	76	200	160	280	74	440	63	41	180	190	120
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.79**	**0.2**	0.02 J	**0.64**	0.15	**0.4**	<0.08 U	**0.66**	**0.19**	0.06 J	**0.26**	**0.41**	0.02 J
Nickel	7440-02-0	**30**	130	320	mg/kg	5.7	11	11	9.5	20	20	12	14	9.5	5.6	9.7	8.9	9.9
Potassium	7440-09-7	NS	NS	NS	mg/kg	400	580	510	1,100	3,900	520	520	640	500	300	710	540	450
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.8 U	<1.9 U	<1.9 U	2.2	<2.2 U	0.4 J	<2 U	<1.8 U	0.37 J	<1.9 U	<1.8 U	<1.8 U	<1.8 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.88 U	<0.93 U	<0.94 U	<0.78 U	<1.1 U	<1 U	<0.98 U	<0.92 U	<0.9 U	<0.94 U	<0.91 U	<0.92 U	<0.91 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	720	320	120 J	1,300	660	380	160 J	1,000	1,200	140 J	670	380	92 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.9 U	<1.9 U	<1.6 U	<2.2 U	<2 U	<2 U	<1.8 U	<1.8 U	<1.9 U	<1.8 U	<1.8 U	<1.8 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	9	16	18	14	40	14	10	13	10	10	14	9.2	19
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**280 J**	38	28	**190**	**140**	34	36	**1,500**	**190**	36	73	21	27
General Chemistry																		
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB49	C241175_LB49	C241175_LB49	C241175_LB51
					Sample Name	C241175_LB47_1-2	C241175_LB47_7-8	C241175_LB47_9-10	C241175_LB47_18-19	C241175_LB48_1-2	C241175_LB48_10-11	C241175_LB48_14-15	C241175_LB48_19-20	C241175_LB49_1-2	C241175_SODUP06_101716	C241175_LB49_11-12	C241175_LB51_1-2
					Sample Date	10/11/2016	10/11/2016	10/11/2016	10/11/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	10/17/2016	10/17/2016	10/17/2016	09/30/2016
					Sample Depth	1-2	7-8	9-10	18-19	1-2	10-11	14-15	19-20	1-2	1-2	11-12	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 UJ
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.012	0.0086	<0.00092 U	<0.0016 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 R
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.028 U	<0.016 U	<1.5 U	<0.027 U	<1.3 U	<0.018 U	<0.024 U	<0.024 U	<0.022 U	<0.021 U	<0.018 U	<0.032 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0021 U	<0.0012 U	<0.11 U	<0.002 U	<0.1 U	<0.0014 U	<0.0018 U	<0.0018 U	<0.0017 U	<0.0016 U	<0.0014 U	<0.0024 UJ
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0021 U	<0.0012 U	<0.11 U	<0.002 U	<0.1 U	<0.0014 U	<0.0018 U	<0.0018 U	0.00042 J	0.00052 J	<0.0014 U	<0.0024 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 R
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	0.011 J	0.0014 J	<0.27 U	<0.0036 U	<0.0048 U	0.0013 J	0.0022 J	<0.0043 U	<0.0037 U	<0.0064 R
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.007 U	<0.0041 U	<0.36 U	0.001 J	<0.33 U	0.00015 J	0.00067 J	0.00066 J	0.016	0.0075	0.00051 J	0.00033 J
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	<0.29 U	<0.0054 U	<0.27 U	<0.0036 U	<0.0048 U	<0.0047 U	<0.0044 U	<0.0043 U	<0.0037 U	<0.0064 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 UJ
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0029 U	<0.26 U	<0.0047 U	<0.23 U	<0.0032 U	<0.0042 U	<0.0042 U	<0.0039 U	<0.0038 U	<0.0032 U	<0.0056 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	0.0025 J	0.0012 J	<0.0046 U	<0.008 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 UJ
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	<0.29 U	<0.0054 U	<0.27 U	<0.0036 U	<0.0048 U	<0.0047 U	0.0013 J	<0.0043 U	<0.0037 U	<0.0064 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.14 U	<0.082 U	<7.3 U	<0.13 U	<6.7 U	<0.091 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.092 U	<0.16 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 UJ
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	<0.29 U	<0.0054 U	<0.27 U	<0.0036 U	<0.0048 U	<0.0047 U	0.00072 J	<0.0043 U	<0.0037 U	<0.0064 R
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	0.0037 J	**0.044**	<0.73 U	0.011 J	<0.67 U	0.026	0.016	0.0096 J	0.014	0.028	0.017	**0.044**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.035 U	<0.02 U	<1.8 U	<0.034 U	<1.7 U	<0.023 U	<0.03 U	<0.03 U	<0.028 U	<0.027 U	<0.023 U	<0.04 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	0.0052	<0.0012 U	0.00037 J	0.00049 J	<0.00092 U	<0.0016 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	<0.29 U	<0.0054 U	<0.27 U	<0.0036 U	<0.0048 U	<0.0047 U	<0.0044 U	<0.0043 U	<0.0037 U	<0.0064 R
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0028 U	<0.0016 U	0.037 J	<0.0027 U	<0.13 U	<0.0018 U	<0.0024 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0018 U	<0.0032 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.014 U	0.0012 J	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	0.0014 J	0.0038 J	0.0068 J	<0.0092 U	<0.016 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 UJ
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	<0.0027 U	<0.13 U	<0.0018 U	<0.0024 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0018 U	<0.0032 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0021 U	<0.0012 U	<0.11 U	<0.002 U	<0.1 U	<0.0014 U	<0.0018 U	<0.0018 U	<0.0017 U	<0.0016 U	<0.0014 U	<0.0024 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	0.047 J	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.028 U	<0.016 U	1.1 J	0.0017 J	<1.3 U	0.0012 J	0.0055 J	0.0011 J	0.0012 J	0.001 J	0.00092 J	<0.032 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.0021	0.0015	<0.00092 U	<0.0016 R
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 UJ
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	0.016 J	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.0013	<0.0011 U	<0.00092 U	<0.0016 R
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	<0.0027 U	<0.13 U	<0.0018 U	0.0019 J	0.0011 J	0.0014 J	<0.0021 U	0.00082 J	<0.0032 UJ
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.028 U	<0.016 U	<1.5 U	<0.027 U	<1.3 U	<0.018 U	<0.024 U	<0.024 U	<0.022 U	<0.021 U	<0.018 U	<0.032 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.014 U	0.0066 J	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	0.0033 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0056 U	<0.0033 U	4.5	0.0021 J	0.077 J	0.03	0.014	0.0033 J	0.0023 J	0.0018 J	0.0015 J	<0.0064 U
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	0.0015 J	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.0059 J	0.00012 J	0.01 J	<0.0067 U	<0.33 U	<0.0046 U	0.0014 J	0.0014 J	0.0016 J	0.0014 J	0.00084 J	0.00063 J
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.0012	<0.0011 U	<0.00092 U	<0.0016 R
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0014 U	<0.00082 U	0.012 J	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.00094 J	<0.0011 U	<0.00092 U	<0.0016 R
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	0.0018 J	<0.13 U	<0.0018 U	0.0014 J	<0.0024 U	<0.0022 U	<0.0021 U	<0.0018 U	<0.0032 UJ
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	0.0024	0.0021	<0.00092 U	<0.0016 R
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	<0.0027 U	<0.13 U	<0.0018 U	<0.0024 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0018 U	<0.0032 UJ
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.007 U	<0.0041 U	<0.36 U	0.00096 J	<0.33 U	0.00013 J	<0.006 U	0.00099 J	0.00087 J	<0.0054 U	0.00057 J	<0.008 R
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.084 U	<0.049 U	<4.4 U	<0.081 U	<4 U	0.0047 J	0.008 J	<0.071 U	0.0062 J	0.013 J	0.0055 J	<0.097 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	0.0013 J	<0.13 U	<0.0018 U	0.0002 J	0.0018 J	<0.0022 U	<0.0021 U	0.00085 J	<0.0032 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	0.001 J	<0.00082 U	<0.073 U	<0.0013 U	1.2	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	0.0013 J
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	0.0013 J	0.0014	0.015 J	0.0036	<0.1 U	<0.0014 U	0.0033	0.003	0.00037 J	0.00048 J	0.0012 J	<0.0024 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	0.0018 J	<0.13 U	<0.0018 U	0.0033 J	0.0011 J	0.0014 J	<0.0021 U	0.00082 J	<0.0032 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0021 U	<0.0012 U	<0.11 U	<0.002 U	<0.1 U	<0.0014 U	<0.0018 U	<0.0018 U	<0.0017 U	<0.0016 U	<0.0014 U	<0.0024 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	<0.067 U	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 UJ
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 R
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0014 U	<0.00082 U	<0.073 U	<0.0013 U	**3**	<0.00091 U	<0.0012 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.00092 U	<0.0016 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.007 U	<0.0041 U	<0.36 U	<0.0067 U	<0.33 U	<0.0046 U	<0.006 U	<0.0059 U	<0.0055 U	<0.0054 U	<0.0046 U	<0.008 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.014 U	<0.0082 U	<0.73 U	<0.013 U	<0.67 U	<0.0091 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.0092 U	<0.016 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0028 U	<0.0016 U	<0.15 U	<0.0027 U	<0.13 U	<0.0018 U	<0.0024 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0018 U	<0.0032 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB49	C241175_LB49	C241175_LB49	C241175_LB51
					Sample Name	C241175_LB47_1-2	C241175_LB47_7-8	C241175_LB47_9-10	C241175_LB47_18-19	C241175_LB48_1-2	C241175_LB48_10-11	C241175_LB48_14-15	C241175_LB48_19-20	C241175_LB49_1-2	C241175_SODUP06_101716	C241175_LB49_11-12	C241175_LB51_1-2
					Sample Date	10/11/2016	10/11/2016	10/11/2016	10/11/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	10/17/2016	10/17/2016	10/17/2016	09/30/2016
					Sample Depth	1-2	7-8	9-10	18-19	1-2	10-11	14-15	19-20	1-2	1-2	11-12	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<1.1 U	<0.12 U	<0.13 U	<0.14 U	<0.1 U	<0.12 U	<0.14 U	<0.14 U	<1.2 U	<1.2 U	<0.12 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<1.7 U	<0.18 U	<0.19 U	<0.2 U	<0.16 U	<0.17 U	<0.2 U	<0.2 U	<1.8 U	<1.7 U	<0.18 U	<0.17 UJ
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<9.1 U	<0.94 U	<1 U	<1.1 U	<0.84 U	<0.93 U	<1.1 U	<1.1 U	<9.3 U	<9.2 U	<0.98 U	<0.89 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.91 J	0.066 J	<0.26 U	0.04 J	0.027 J	<0.23 U	<0.27 U	<0.27 U	<2.3 U	0.28 J	<0.24 U	0.095 J
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<4.1 U	<0.42 U	<0.47 U	<0.49 U	<0.38 U	<0.42 U	<0.49 U	<0.49 U	<4.2 U	<4.2 U	<0.44 U	<0.4 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<2.7 U	0.036 J	<0.31 U	<0.33 U	<0.25 U	<0.28 U	<0.33 U	<0.32 U	<2.8 U	<2.8 U	<0.29 U	<0.27 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<4.9 U	<0.51 U	<0.56 U	<0.59 U	<0.45 U	<0.5 U	<0.59 U	<0.58 U	<5.1 U	<5 U	<0.53 U	<0.48 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<1.9 UJ	<0.2 UJ	<0.22 UJ	<0.23 UJ	<0.17 UJ	<0.19 UJ	<0.23 UJ	<0.22 UJ	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<2.7 U	<0.27 U	<0.3 U	<0.32 U	<0.24 U	<0.27 U	<0.32 U	<0.32 U	<2.7 U	<2.7 U	<0.29 U	<0.26 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	2.6	0.44	<0.17 U	0.1 J	0.19	0.062 J	<0.18 U	0.076 J	1.7	2	<0.16 U	0.15
Acenaphthylene	208-96-8	100	365	100	mg/kg	1 J	<0.16 U	<0.17 U	<0.18 U	<0.14 U	<0.15 U	<0.18 U	<0.18 U	<1.6 U	<1.5 U	<0.16 U	0.1 J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Anthracene	120-12-7	100	1000	100	mg/kg	5.2	0.33	<0.13 U	<0.14 U	0.63	0.069 J	<0.14 U	<0.14 U	4.8	3.9	<0.12 U	0.32
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<1.5 U	<0.16 U	<0.17 U	<0.18 U	<0.14 U	<0.15 U	<0.18 U	<0.18 U	<1.6 U	<1.5 U	<0.16 U	<0.15 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<2.5 U	<0.26 U	<0.28 U	<0.3 U	<0.23 U	<0.26 U	<0.3 U	<0.3 U	<2.6 U	<2.5 U	<0.27 U	<0.24 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<6.3 U	<0.65 U	<0.71 U	<0.75 U	<0.58 U	<0.64 U	<0.75 U	<0.74 U	<6.4 U	<6.4 U	<0.68 U	<0.61 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**9.1**	**3.1**	<0.13 U	<0.14 U	**1.7**	0.5	<0.14 U	<0.14 U	**17**	**21**	0.067 J	**1.4**
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**9.2**	**8.2**	<0.17 U	<0.18 U	**1.9**	**1.4**	<0.18 U	<0.18 U	**32**	**41**	0.13 J	**1.3**
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**11**	**7.2**	<0.13 U	<0.14 U	**2.2**	**1.3**	<0.14 U	<0.14 U	**27**	**41**	0.12	**1.5**
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**5.7**	**6.7**	<0.17 U	<0.18 U	**1.1**	**1**	<0.18 U	<0.18 U	**23**	**34**	0.11 J	**0.88**
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**3.4**	**2.7**	<0.13 U	<0.14 U	0.74	0.44	<0.14 U	<0.14 U	**12**	**9.8**	0.038 J	0.54
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<6.2 U	<0.64 U	<0.7 U	<0.74 U	<0.56 U	<0.63 U	<0.74 U	<0.73 U	<6.3 U	<6.2 U	<0.66 U	<0.6 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<4.3 U	<0.45 U	<0.49 U	<0.52 U	<0.4 U	<0.44 U	<0.52 U	<0.51 U	<4.4 U	<4.4 U	<0.47 U	<0.42 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<2 U	<0.21 U	<0.23 U	<0.24 U	<0.19 U	<0.21 U	<0.25 U	<0.24 U	<2.1 U	<2.1 U	<0.22 U	<0.2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<1.7 U	<0.18 U	<0.19 U	<0.2 U	<0.16 U	<0.17 U	<0.2 U	<0.2 U	<1.8 U	<1.7 U	<0.18 U	<0.17 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<2.3 UJ	<0.24 UJ	<0.26 UJ	<0.27 UJ	<0.21 U	<0.23 U	<0.27 U	<0.27 U	<2.3 U	<2.3 U	<0.24 U	<0.22 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	0.095 J	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	0.075 J
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<1.9 UJ	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	2	0.21	<0.22 U	<0.23 U	0.2 J	0.036 J	<0.23 UJ	<0.22 UJ	1.1 J	1.3 J	<0.2 U	0.17 J
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**8.8**	**3**	<0.13 U	<0.14 U	**1.7**	0.48	<0.14 U	<0.14 U	**17**	**20**	0.069 J	**1.6**
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**1.4**	**2**	<0.13 U	<0.14 U	0.26	0.28	<0.14 U	<0.14 U	**6**	**8.2**	<0.12 U	0.23
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	1.8 J	0.071 J	<0.22 U	0.029 J	0.12 J	<0.19 U	<0.23 U	0.031 J	0.59 J	0.51 J	<0.2 U	0.12 J
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	24	2.5	<0.13 U	<0.14 U	4	0.43	<0.14 U	0.026 J	18	19	0.064 J	2.5
Fluorene	86-73-7	**30**	386	100	mg/kg	2.6	0.1 J	<0.22 U	0.028 J	0.12 J	0.02 J	<0.23 U	0.049 J	1.3 J	0.93 J	<0.2 U	0.1 J
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<1.1 U	<0.12 U	<0.13 U	<0.14 U	<0.1 U	<0.12 U	<0.14 U	<0.14 U	<1.2 U	<1.2 U	<0.12 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<5.4 U	<0.56 U	<0.62 U	<0.65 U	<0.5 U	<0.55 U	<0.65 U	<0.64 U	<5.6 U	<5.5 U	<0.58 U	<0.53 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<1.5 U	<0.16 U	<0.17 U	<0.18 U	<0.14 U	<0.15 U	<0.18 U	<0.18 U	<1.6 U	<1.5 U	<0.16 U	<0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**5.7**	**7.9**	<0.17 U	<0.18 U	**1.2**	**1.2**	<0.18 U	<0.18 U	**24**	**35**	0.1 J	**0.81**
Isophorone	78-59-1	NS	NS	NS	mg/kg	<1.7 U	<0.18 U	<0.19 U	<0.2 U	<0.16 U	<0.17 U	<0.2 U	<0.2 U	<1.8 U	<1.7 U	<0.18 U	<0.17 U
Naphthalene	91-20-3	12	12	100	mg/kg	2.1	0.15 J	<0.22 U	<0.23 U	0.076 J	<0.19 U	<0.23 U	<0.22 U	0.37 J	0.53 J	<0.2 U	0.5
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<1.7 U	<0.18 U	<0.19 U	<0.2 U	<0.16 U	<0.17 U	<0.2 U	<0.2 U	<1.8 U	<1.7 U	<0.18 U	<0.17 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<3.8 U	<0.39 U	<0.43 U	<0.46 U	<0.35 U	<0.39 U	<0.46 U	<0.45 U	<3.9 U	<3.8 U	<0.41 U	<0.37 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<1.5 U	<0.16 U	<0.17 U	<0.18 U	<0.14 U	<0.15 U	<0.18 U	<0.18 U	<1.6 U	<1.5 U	<0.16 U	<0.15 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<1.5 U	<0.16 U	<0.17 U	<0.18 U	<0.14 U	<0.15 U	<0.18 U	<0.18 U	<1.6 U	<1.5 U	<0.16 U	<0.15 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**21**	0.94	<0.13 U	0.11 J	**2.8**	0.18	<0.14 U	0.17	**9.1**	**8.7**	0.032 J	**1.7**
Phenol	108-95-2	0.33	0.33	100	mg/kg	<1.9 U	<0.2 U	<0.22 U	<0.23 U	<0.17 U	<0.19 U	<0.23 U	<0.22 U	<1.9 U	<1.9 U	<0.2 U	<0.19 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	21	2.7	<0.13 U	<0.14 U	3.5	0.41	<0.14 U	<0.14 U	18	20	0.064 J	2.6

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB47	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB48	C241175_LB49	C241175_LB49	C241175_LB49	C241175_LB51
					Sample Name	C241175_LB47_1-2	C241175_LB47_7-8	C241175_LB47_9-10	C241175_LB47_18-19	C241175_LB48_1-2	C241175_LB48_10-11	C241175_LB48_14-15	C241175_LB48_19-20	C241175_LB49_1-2	C241175_SODUP06_101716	C241175_LB49_11-12	C241175_LB51_1-2
					Sample Date	10/11/2016	10/11/2016	10/11/2016	10/11/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	10/17/2016	10/17/2016	10/17/2016	09/30/2016
					Sample Depth	1-2	7-8	9-10	18-19	1-2	10-11	14-15	19-20	1-2	1-2	11-12	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																	
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	<0.00343 U	NA	NA	NA	<0.00309 U	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.000763 U	NA	NA	NA	<0.000687 U	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	<0.00229 U	NA	NA	NA	<0.00206 U	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0149 U	NA	NA	NA	<0.0134 U	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00114 U	NA	NA	NA	<0.00103 U	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.000763 U	NA	NA	NA	<0.000687 U	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.000763 U	NA	NA	NA	<0.000687 U	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00229 U	NA	NA	NA	<0.00206 U	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00183 U	NA	NA	NA	<0.00165 U	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.000763 U	NA	NA	NA	<0.000687 U	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.00229 U	NA	NA	NA	<0.00206 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	<0.000915 U	NA	NA	NA	<0.000824 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00343 U	NA	NA	NA	<0.00309 U	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00343 U	NA	NA	NA	<0.00309 UJ	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0343 U	NA	NA	NA	<0.0309 U	NA	NA	NA	NA	NA	NA	NA
Herbicides																	
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.188 U	NA	NA	NA	<0.177 U	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.188 U	NA	NA	NA	<0.177 U	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.188 U	NA	NA	NA	<0.177 U	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																	
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	0.0286 J	0.023 J	<0.041 U	<0.0369 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	<0.039 U	<0.0387 U	<0.041 U	<0.0369 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0375 U	<0.0388 U	<0.042 U	<0.0433 U	<0.0347 U	<0.0374 U	<0.0444 U	<0.0446 U	0.0286 J	0.023 J	<0.041 U	<0.0369 U
Metals																	
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,900	6,300	11,000	5,500	3,900	3,200	5,800	5,500	4,400	4,100	6,100 J	2,400
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.6 U	<4.7 U	<5.1 U	<5.4 U	<4.3 U	<4.7 U	<5.4 U	<5.5 U	<4.6 U	2.3 J	<4.9 UJ	1.2 J
Arsenic	7440-38-2	**13**	16	16	mg/kg	10	8.4	2.9	1.6	**14**	3.7	<1.1 U	<1.1 U	8.9	8.2	1.6	11
Barium	7440-39-3	**410**	820	410	mg/kg	**1,000**	48	7.7	12	82	38	7.6	6.4	130	170	31	84
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.25 J	0.25 J	0.38 J	0.22 J	0.27 J	0.2 J	0.1 J	0.11 J	0.19 J	0.24 J	0.3 J	0.19 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	0.26 J	<0.94 U	<1 U	<1.1 U	1	0.45 J	0.19 J	0.56 J	**4.3**	**4.1**	<0.98 U	**3.2**
Calcium	7440-70-2	NS	NS	NS	mg/kg	14,000	1,700	1,100	950	1,600	9,200	790	860	27,000 J	16,000 J	490	14,000
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	0.31 J	<0.95 U	<1 U	0.37 J	<0.86 U	<0.94 UJ	<1.1 U	<1.1 U	0.44 J	<0.94 U	<1 UJ	<0.9 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	14	11	14	9.5	12	7	7.6	7.8	12	13	10	8.8
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	14 J	11	14	9.1 J	12	7	7.6	7.8	12 J	13	10	8.8
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.8	4.8	3.8	6.2	6	3.8	2 J	3.7	5.3	6	4.9	4.4
Copper	7440-50-8	**50**	1720	280	mg/kg	43	44	11	16	**60**	21	0.74 J	29	22	23	9.6	32
Iron	7439-89-6	NS	NS	NS	mg/kg	14,000	17,000	16,000	9,500	11,000	7,600	4,800	7,700	16,000	16,000	11,000	20,000
Lead	7439-92-1	**63**	450	400	mg/kg	**310**	**320**	5.4	4.5 J	**270**	**120**	4.4 J	9	**360**	**370**	6.6	**390**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,300	1,800	2,400	2,700	1,200	1,400	2,200	2,600	1,600	1,400	2,100 J	910
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	190	240	86	78	220	120	40	70	340	350	110 J	150
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.68**	0.05 J	0.03 J	<0.09 U	**1.3**	**0.24**	0.03 J	0.02 J	**1.2**	**1.1**	0.05 J	**0.6**
Nickel	7440-02-0	**30**	130	320	mg/kg	12	11	12	19	20	10	6.6	14	12	12	12	7.9
Potassium	7440-09-7	NS	NS	NS	mg/kg	950	1,200	590	590	600	580	550	480	890	730	450	690
Selenium	7782-49-2	3.9	4	110	mg/kg	0.81 J	0.54 J	<2 U	<2.2 U	0.54 J	<1.9 U	<2.2 U	<2.2 U	0.49 J	0.43 J	<2 U	0.6 J
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.91 U	<0.94 U	<1 U	<1.1 U	<0.86 U	<0.94 U	<1.1 U	<1.1 U	0.78 J	0.36 J	<0.98 U	<0.88 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	900	750	990	160 J	260	280	510	140 J	1,500	1,300	110 J	1,100
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.9 U	<2 U	<2.2 U	<1.7 U	<1.9 U	<2.2 U	<2.2 U	<1.8 U	<1.9 U	<2 U	<1.8 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	15	16	16	8.8	12	8.8	5.4	7.1	12	12	15	12
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**280**	30	26	32	**600**	28	15	49	**490**	**490**	26	**1,000**
General Chemistry																	
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB51	C241175_LB51	C241175_LB51	C241175_LB52	C241175_LB52	C241175_LB52	C241175_LB53	C241175_LB53	C241175_LB55	C241175_LB55	C241175_LB55	C241175_LB56_MW56D
					Sample Name	C241175_LB51_5-6	C241175_LB51_13-14	C241175_LB51_22-23	C241175_LB52_1-2	C241175_LB52_4-5	C241175_LB52_9-10	C241175_LB53_2-3	C241175_LB53_9-10	C241175_LB55_1-2	C241175_LB55_3-4	C241175_LB55_10-11	C241175_LB56_1-2
					Sample Date	09/30/2016	09/30/2016	09/30/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016	12/05/2016
					Sample Depth	5-6	13-14	22-23	1-2	4-5	9-10	2-3	9-10	1-2	3-4	10-11	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<1.8 U	<5.9 U	<1 U	<2 U	<0.025 U	<0.023 U	<1.7 U	<0.018 U	<1.1 U	<2.5 U	<0.02 U	<0.023 UJ
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.14 U	<0.44 U	<0.075 U	<0.15 U	<0.0019 U	<0.0017 U	<0.13 U	<0.0014 U	<0.085 U	<0.19 U	<0.0015 U	<0.0017 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.14 U	<0.44 U	<0.075 U	<0.15 U	0.0012 J	<0.0017 U	<0.13 U	<0.0014 U	<0.085 U	0.1 J	<0.0015 U	<0.0017 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 UJ
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.36 U	3.2	0.027 J	0.029 J	<0.005 U	0.00044 J	0.37	<0.0037 U	0.024 J	0.22 J	<0.0041 U	<0.0046 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.45 U	<1.5 U	<0.25 U	0.18 J	<0.0063 U	<0.0057 U	1.5	<0.0046 U	0.085 J	0.064 J	<0.0051 U	<0.0057 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.36 U	<1.2 U	<0.2 U	<0.4 U	<0.005 U	<0.0046 U	<0.34 U	<0.0037 U	<0.23 U	<0.5 U	<0.0041 U	<0.0046 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.32 U	<1 U	<0.17 U	<0.35 U	<0.0044 U	<0.004 U	<0.3 U	<0.0032 U	<0.2 U	<0.44 U	<0.0036 U	<0.004 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.45 U	0.049 J	<0.25 U	0.065 J	<0.0063 U	<0.0057 U	0.3 J	<0.0046 U	0.03 J	0.024 J	<0.0051 U	<0.0057 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.36 U	0.81 J	<0.2 U	0.089 J	<0.005 U	<0.0046 U	<0.34 U	<0.0037 U	<0.23 U	0.34 J	<0.0041 U	<0.0046 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<9 U	<30 U	<5 U	<10 U	<0.13 U	<0.11 U	<8.5 U	<0.093 U	<5.7 U	<12 U	<0.1 U	<0.11 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.36 U	<1.2 U	<0.2 U	0.071 J	<0.005 U	<0.0046 U	0.33 J	<0.0037 U	0.043 J	0.074 J	<0.0041 U	<0.0046 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.91**	<3 U	**0.45 J**	<1 U	**0.039**	0.014	**0.38 J**	0.013	<0.57 U	<1.2 U	0.012	**0.042**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<2.3 U	<7.4 U	<1.2 U	<2.5 U	<0.032 U	<0.029 U	<2.1 U	<0.023 U	<1.4 U	<3.1 U	<0.025 U	<0.029 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	0.016 J	<0.3 U	<0.05 U	**0.22**	0.00068 J	<0.0011 U	**0.083 J**	0.00019 J	0.012 J	<0.12 U	<0.001 U	<0.0011 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.36 U	<1.2 U	<0.2 U	<0.4 U	<0.005 U	<0.0046 U	<0.34 U	<0.0037 U	<0.23 U	<0.5 U	<0.0041 U	<0.0046 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.18 U	<0.59 U	<0.1 U	<0.2 U	<0.0025 U	<0.0023 U	<0.17 U	<0.0018 U	<0.11 U	<0.25 U	<0.002 U	<0.0023 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	0.01	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.18 U	<0.59 U	<0.1 U	<0.2 U	<0.0025 U	<0.0023 U	<0.17 U	<0.0018 U	<0.11 U	<0.25 U	<0.002 U	<0.0023 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.14 U	<0.44 U	<0.075 U	<0.15 U	<0.0019 U	<0.0017 U	<0.13 U	<0.0014 U	<0.085 U	<0.19 U	<0.0015 U	<0.0017 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<1.8 U	11	0.19 J	0.21 J	0.0006 J	0.00051 J	0.32 J	<0.018 U	0.055 J	0.059 J	<0.02 U	<0.023 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.09 U	0.081 J	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	0.16	<0.00093 U	0.015 J	0.06 J	<0.001 U	<0.0011 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 UJ
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.09 U	<0.3 U	<0.05 U	0.023 J	<0.0013 U	<0.0011 U	0.058 J	<0.00093 U	0.025 J	0.035 J	<0.001 U	<0.0011 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.09 U	1.4	0.013 J	<0.1 U	<0.0013 U	<0.0011 U	0.069 J	<0.00093 U	0.012 J	0.19	<0.001 U	<0.0011 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.18 U	<0.59 U	<0.1 U	0.2	<0.0025 U	<0.0023 U	0.44	<0.0018 U	0.14	0.091 J	<0.002 U	<0.0023 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	1 J	<5.9 U	0.44 J	0.81 J	<0.025 U	<0.023 U	<1.7 U	<0.018 U	<1.1 U	<2.5 U	<0.02 U	<0.023 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	**0.82 J**	<3 U	<0.5 U	<1 U	0.011 J	<0.011 U	<0.85 U	0.0021 J	<0.57 U	**0.56 J**	<0.01 U	<0.011 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.36 U	62	0.86	0.24 J	0.0012 J	0.0093	0.65	0.00019 J	0.29	0.29 J	<0.0041 U	<0.0046 U
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.45 U	0.47 J	<0.25 U	0.13 J	<0.0063 U	<0.0057 U	0.2 J	<0.0046 U	0.42	1.3	<0.0051 U	<0.0057 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.09 U	0.91	0.0083 J	<0.1 U	<0.0013 U	<0.0011 U	0.24	<0.00093 U	0.028 J	0.45	<0.001 U	<0.0011 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.09 U	2.2	0.019 J	0.019 J	<0.0013 U	<0.0011 U	0.3	<0.00093 U	0.051 J	0.29	<0.001 U	<0.0011 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.18 U	<0.59 U	<0.1 U	0.057 J	<0.0025 U	<0.0023 U	0.14 J	<0.0018 U	<0.11 U	<0.25 U	<0.002 U	<0.0023 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.09 U	1.3	0.011 J	<0.1 U	<0.0013 U	<0.0011 U	0.24	<0.00093 U	0.011 J	0.36	<0.001 U	<0.0011 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.18 U	<0.59 U	<0.1 U	<0.2 U	<0.0025 U	<0.0023 U	<0.17 U	<0.0018 U	<0.11 U	<0.25 U	<0.002 U	<0.0023 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.45 U	0.17 J	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	0.053 J	<0.0051 U	<0.0057 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<5.4 U	<18 U	<3 U	<6 U	0.0054 J	0.0079 J	<5.1 U	0.0028 J	<3.4 U	<7.5 U	0.0031 J	<0.069 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.18 U	<0.59 U	0.014 J	<0.2 U	<0.0025 U	0.00084 J	<0.17 U	0.00012 J	<0.11 U	<0.25 U	<0.002 U	<0.0023 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	**2.5**	<0.44 U	0.024 J	0.12 J	<0.0019 U	0.0036	0.25	0.0022	0.03 J	0.056 J	0.0035 J	<0.0017 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.18 U	<0.002 U	<0.1 U	0.26 J	<0.0025 U	<0.0023 U	**0.58 J**	<0.0018 U	0.14	0.091 J	<0.002 U	<0.0023 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.09 U	<0.001 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.14 U	<0.44 U	<0.075 U	<0.15 U	<0.0019 U	<0.0017 U	<0.13 U	<0.0014 U	<0.085 U	<0.19 U	<0.0015 U	<0.0017 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.09 U	<0.3 U	<0.05 U	<0.1 U	<0.0013 U	<0.0011 U	<0.085 U	<0.00093 U	<0.057 U	<0.12 U	<0.001 U	<0.0011 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.45 U	<1.5 U	<0.25 U	<0.5 U	<0.0063 U	<0.0057 U	<0.42 U	<0.0046 U	<0.28 U	<0.62 U	<0.0051 U	<0.0057 UJ
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.9 U	<3 U	<0.5 U	<1 U	<0.013 U	<0.011 U	<0.85 U	<0.0093 U	<0.57 U	<1.2 U	<0.01 U	<0.011 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.18 U	<0.59 U	<0.1 U	<0.2 U	<0.0025 U	<0.0023 U	<0.17 U	<0.0018 U	<0.11 U	<0.25 U	<0.002 U	<0.0023 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB51	C241175_LB51	C241175_LB51	C241175_LB52	C241175_LB52	C241175_LB52	C241175_LB53	C241175_LB53	C241175_LB55	C241175_LB55	C241175_LB55	C241175_LB56_MW56D
					Sample Name	C241175_LB51_5-6	C241175_LB51_13-14	C241175_LB51_22-23	C241175_LB52_1-2	C241175_LB52_4-5	C241175_LB52_9-10	C241175_LB53_2-3	C241175_LB53_9-10	C241175_LB55_1-2	C241175_LB55_3-4	C241175_LB55_10-11	C241175_LB56_1-2
					Sample Date	09/30/2016	09/30/2016	09/30/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016	12/05/2016
					Sample Depth	5-6	13-14	22-23	1-2	4-5	9-10	2-3	9-10	1-2	3-4	10-11	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<0.16 U	<0.12 U	<0.59 U	<0.11 U	<0.1 U	<0.66 U	<0.12 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.19 U	<0.18 U	<0.17 U	<0.17 U	<0.24 U	<0.18 U	<0.88 U	<0.17 U	<0.16 U	<0.99 U	<0.18 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<1 U	<0.99 U	<0.93 U	<0.93 U	<1.3 U	<0.97 U	<4.7 U	<0.9 U	<0.83 U	<5.3 U	<0.98 U	<0.88 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.26 U	0.39	<0.23 U	0.15 J	<0.32 U	<0.24 U	0.4 J	<0.22 U	1.8	0.94 J	<0.24 U	<0.22 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.46 U	<0.44 U	<0.42 U	<0.42 U	<0.58 U	<0.44 U	<2.1 U	<0.41 U	<0.37 U	<2.4 U	<0.44 U	<0.4 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.31 U	<0.3 U	<0.28 U	0.047 J	<0.39 U	<0.29 U	<1.4 U	<0.27 U	<0.25 U	<1.6 U	<0.29 U	<0.26 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 UJ	<1.1 UJ	<0.2 UJ	<0.18 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.55 U	<0.53 U	<0.5 U	<0.5 U	<0.7 U	<0.53 U	<2.6 U	<0.49 U	<0.45 U	<2.9 U	<0.53 U	<0.48 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 UJ	<1.1 UJ	<0.2 UJ	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.3 U	<0.29 U	<0.27 U	<0.27 U	<0.38 U	<0.28 U	<1.4 U	<0.26 U	<0.24 U	<1.5 U	<0.28 U	<0.26 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	<0.17 U	<0.16 U	<0.16 U	0.59	<0.21 U	<0.16 U	4.2	0.032 J	0.33	1.3	<0.16 U	<0.15 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.17 U	<0.16 U	<0.16 U	0.14 J	0.058 J	<0.16 U	<0.78 U	<0.15 U	0.081 J	<0.88 U	<0.16 U	<0.15 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.13 U	0.2	<0.12 U	1.1	<0.16 U	<0.12 U	7	0.057 J	0.6	2.2	<0.12 U	<0.11 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.17 U	<0.16 U	<0.16 U	<0.16 U	<0.21 U	<0.16 U	<0.78 U	<0.15 U	<0.14 U	<0.88 U	<0.16 U	<0.15 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.28 U	<0.27 U	<0.26 U	<0.26 U	<0.35 U	<0.27 U	<1.3 U	<0.25 U	<0.23 U	<1.4 U	<0.27 U	0.081 J
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.7 U	<0.68 U	<0.64 U	<0.64 U	<0.88 U	<0.67 U	<3.2 U	<0.62 U	<0.57 U	<3.6 U	<0.67 U	<0.61 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.78	0.34	<0.12 U	**7.6**	0.065 J	<0.12 U	**33**	0.33	**3**	**9.6**	<0.12 U	0.16
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	0.68	0.25	<0.16 U	**20**	0.17 J	<0.16 U	**66**	0.73	**6.5**	**16**	<0.16 U	0.16
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	0.25	0.12	<0.12 U	**19**	0.12 J	<0.12 U	**64**	0.66	**6.2**	**15**	<0.12 U	0.19
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**0.92**	0.19	<0.16 U	**15**	**1.4**	<0.16 U	**49**	0.57	**5.1**	**8.2**	<0.16 U	0.1 J
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.076 J	0.076 J	<0.12 U	**3.4**	<0.16 U	<0.12 U	**21**	0.22	**2.4**	**5.8**	<0.12 U	0.06 J
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.69 U	<0.66 U	<0.63 U	<0.63 U	<0.87 U	<0.66 U	<3.2 U	<0.61 U	<0.56 U	<3.6 U	<0.66 U	<0.6 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.48 U	<0.47 U	<0.44 U	<0.44 U	<0.61 U	<0.46 U	<2.2 U	<0.43 U	0.063 J	<2.5 U	<0.46 U	<0.42 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.23 U	<0.22 U	<0.21 U	<0.21 U	<0.29 U	<0.22 U	<1.1 U	<0.2 U	<0.19 U	<1.2 U	<0.22 U	<0.2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.19 U	<0.18 U	<0.17 U	<0.17 U	<0.24 U	<0.18 U	<0.88 U	<0.17 U	<0.16 UJ	<0.99 UJ	<0.18 UJ	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.26 U	<0.25 U	<0.23 U	<0.23 U	<0.32 U	<0.24 U	<1.2 U	<0.22 U	<0.21 U	<1.3 U	<0.24 U	<0.22 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	0.52	<0.27 U	<0.2 U	3	0.022 J	0.25	<1.1 U	<0.2 U	<0.18 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	0.98	0.35	<0.12 U	**7.1**	0.058 J	<0.12 U	**31**	0.32	**2.6**	**8.4**	<0.12 U	0.18
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.23	0.049 J	<0.12 U	**4.2**	0.068 J	<0.12 U	**10**	0.11	**1.5**	**3**	<0.12 U	0.027 J
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.21 U	<0.2 U	<0.19 U	0.17 J	<0.27 U	<0.2 U	0.93 J	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	0.56 J	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	0.072 J	0.18	<0.12 U	5.1	0.037 J	<0.12 U	36	0.35	2.7	8.3	<0.12 U	0.25
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.21 U	<0.2 U	<0.19 U	0.29	<0.27 U	<0.2 U	1.9	<0.19 U	0.16 J	0.78 J	<0.2 U	<0.18 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<0.16 U	<0.12 U	<0.59 U	<0.11 U	<0.1 U	<0.66 U	<0.12 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.61 U	<0.59 U	<0.56 U	<0.55 U	<0.77 U	<0.58 U	<2.8 U	<0.54 U	<0.49 U	<3.1 U	<0.58 U	<0.53 UJ
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.17 U	<0.16 U	<0.16 U	<0.16 U	<0.21 U	<0.16 U	<0.78 U	<0.15 U	<0.14 U	<0.88 U	<0.16 U	<0.15 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	0.26	0.098 J	<0.16 U	**15**	0.22	<0.16 U	**52**	**0.6**	**5.8**	**11**	<0.16 U	0.1 J
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.19 U	<0.18 U	<0.17 U	<0.17 U	<0.24 U	<0.18 U	<0.88 U	<0.17 U	<0.16 U	<0.99 U	<0.18 U	<0.16 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.21 U	<0.2 U	<0.19 U	0.28	<0.27 U	<0.2 U	0.77 J	<0.19 U	1.7	1.7	<0.2 U	<0.18 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.19 U	<0.18 U	<0.17 U	<0.17 U	<0.24 U	<0.18 U	<0.88 U	<0.17 U	<0.16 U	<0.99 U	<0.18 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.42 U	<0.41 U	<0.39 U	<0.39 U	<0.54 U	<0.4 U	<2 U	<0.38 U	<0.34 U	<2.2 U	<0.41 U	<0.37 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.17 U	<0.16 U	<0.16 U	<0.16 U	<0.21 U	<0.16 U	<0.78 U	<0.15 U	<0.14 U	<0.88 U	<0.16 U	<0.15 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.17 U	<0.16 U	<0.16 U	<0.16 U	<0.21 U	<0.16 U	<0.78 U	<0.15 U	<0.14 U	<0.88 U	<0.16 U	<0.15 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	0.078 J	0.52	<0.12 U	**2.7**	<0.16 U	<0.12 U	**19**	0.13	**1.4**	**4.3**	<0.12 U	0.17
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.21 U	<0.2 U	<0.19 U	<0.19 U	<0.27 U	<0.2 U	<0.98 U	<0.19 U	<0.17 U	<1.1 U	<0.2 U	<0.18 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	0.55	0.53	<0.12 U	5.7	0.055 J	<0.12 U	37	0.35	2.4	7.4	<0.12 U	0.26

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB51	C241175_LB51	C241175_LB51	C241175_LB52	C241175_LB52	C241175_LB52	C241175_LB53	C241175_LB53	C241175_LB55	C241175_LB55	C241175_LB55	C241175_LB56_MW56D
					Sample Name	C241175_LB51_5-6	C241175_LB51_13-14	C241175_LB51_22-23	C241175_LB52_1-2	C241175_LB52_4-5	C241175_LB52_9-10	C241175_LB53_2-3	C241175_LB53_9-10	C241175_LB55_1-2	C241175_LB55_3-4	C241175_LB55_10-11	C241175_LB56_1-2
					Sample Date	09/30/2016	09/30/2016	09/30/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/28/2016	09/27/2016	09/27/2016	09/27/2016	12/05/2016
					Sample Depth	5-6	13-14	22-23	1-2	4-5	9-10	2-3	9-10	1-2	3-4	10-11	1-2
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																	
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00331 U
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000736 U
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00221 U
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0143 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0011 U
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000736 U
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000736 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00221 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00176 U
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000736 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00221 U
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000883 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00331 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00331 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0331 U
Herbicides																	
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.187 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.187 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.187 U
Polychlorinated Biphenyl																	
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	0.0188 J	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	0.0159 J	<0.0393 U	<0.0366 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	0.0143 J	<0.0393 U	<0.0366 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	0.0865
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0424 U	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	<0.0444 U	<0.0393 U	<0.0366 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	0.0188 J	<0.0407 U	<0.0389 U	<0.0369 U	<0.0522 U	<0.0396 U	<0.0384 U	<0.0361 U	<0.0332 U	0.0302 J	<0.0393 U	0.0865
Metals																	
Aluminum	7429-90-5	NS	NS	NS	mg/kg	1,700	5,700	3,300	5,000	3,900	6,300 J	6,600	5,800	6,600	5,400	5,400	5,900
Antimony	7440-36-0	NS	NS	NS	mg/kg	<5.1 U	<4.7 U	<4.7 U	1.9 J	<6.5 U	<4.8 U	<4.7 U	<4.5 U	<4.1 U	<5.1 U	<4.7 U	1.4 J
Arsenic	7440-38-2	**13**	16	16	mg/kg	2.8	3.1	1.9	13	2.5	0.83 J	7.2	2.2	3.8	3.1	1.1	3.8
Barium	7440-39-3	**410**	820	410	mg/kg	37	32	19	180	86	31	66	29	39	23	15	130
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.14 J	0.41 J	0.35 J	0.22 J	<0.65 U	0.32 J	0.24 J	0.25 J	0.22 J	0.16 J	<0.47 U	0.3 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	0.13 J	0.09 J	0.12 J	**3.2**	0.18 J	<0.97 U	0.58 J	<0.89 U	1.1	<1 U	<0.95 U	0.58 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	1,800	450	660	4,900	42,000	510 J	20,000	550	20,000	3,700	520	1,200
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<1 UJ	<0.99 UJ	<0.94 UJ	<0.94 U	<1.3 U	<0.99 U	0.44 J	<0.91 U	<0.84 U	<1.1 U	<0.99 U	<0.9 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	3.6	15	7.4	77	7.5	12	20	15	13	9	8.2	12
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	3.6	15	7.4	**77**	7.5	12	20 J	15	13	9	8.2	12
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.2	5.1	5.8	5.2	3.7	5.5	5.5	3.3	4.6	3.4	3.4	2.6
Copper	7440-50-8	**50**	1720	280	mg/kg	16	9.3	6.5	**58**	11	13	**82**	12	16	11	10	17
Iron	7439-89-6	NS	NS	NS	mg/kg	3,600	15,000	11,000	42,000	7,000	9,100 J	20,000	11,000	15,000	11,000	7,800	9,700
Lead	7439-92-1	**63**	450	400	mg/kg	9.9	8.7	5.2	**1,200**	22	6.2	**150**	9.5	20	35	4.3 J	**130**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	310	2,000	1,500	1,900	2,600	2,100 J	3,400	1,400	3,100	2,100	1,900	810
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	26	58	180	310	130	57 J	500	110	220	110	63	280
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	<0.08 U	0.02 J	<0.08 U	**5.6**	**0.42**	0.03 J	**0.44**	0.04 J	0.11	0.1	<0.08 U	**0.19**
Nickel	7440-02-0	**30**	130	320	mg/kg	7.7	9.4	11	14	9.5	11	12	6.9	14	8.9	8.9	6.6
Potassium	7440-09-7	NS	NS	NS	mg/kg	530	610	540	750	740	560	740	700	860	870	360	330
Selenium	7782-49-2	3.9	4	110	mg/kg	<2 U	<1.9 U	<1.9 U	<1.8 U	<2.6 U	<1.9 U	<1.9 U	<1.8 U	<1.6 U	<2 U	<1.9 U	<1.8 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<1 U	<0.95 U	<0.93 U	<0.9 U	0.85 J	<0.97 U	<0.94 U	<0.89 U	0.17 J	<1 U	<0.95 U	<0.88 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	930	550	450	570	1,200	100 J	1,200	140 J	570	770	64 J	880
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2 U	<1.9 U	<1.9 U	<1.8 U	<2.6 U	<1.9 U	<1.9 U	<1.8 U	<1.6 U	<2 U	<1.9 U	<1.8 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	4.8	21	12	17	7.9	16	35	13	34	28	8.5	14
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**140**	31	24	**1,400**	47	32	**440**	38	**630**	21	20	**150**
General Chemistry																	
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB58_MW58D	C241175_LB58_MW58D	C241175_LB58_MW58D
					Sample Name	C241175_LB56_6-7	C241175_LB56_17-18	C241175_LB56_20-21	C241175_LB57_1-2	C241175_LB57_7-8	C241175_LB57_16-17	C241175_LB57_19-20	C241175_LB58_1-2	C241175_LB58_8-9	C241175_LB58_17-18
					Sample Date	12/05/2016	12/05/2016	12/05/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016
					Sample Depth	6-7	17-18	20-21	1-2	7-8	16-17	19-20	1-2	8-9	17-18
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.025 UJ	<13 U	<0.019 UJ	<0.024 U	<0.018 U	<25 U	<1.2 U	<0.022 U	<1.5 U	<0.02 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0019 U	<0.97 U	<0.0014 U	<0.0018 U	<0.0014 U	<1.8 U	<0.087 U	<0.0016 U	<0.11 U	<0.0015 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0019 U	<0.97 U	<0.0014 U	<0.0018 U	<0.0014 U	<1.8 U	<0.087 U	<0.0016 U	<0.11 U	<0.0015 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0012 UJ	<0.64 U	<0.00093 UJ	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.005 U	1.4 J	0.0018 J	<0.0048 U	<0.0037 U	17	0.03 J	<0.0044 U	<0.3 U	0.062
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	0.16 J	<0.0049 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 UJ	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.005 U	<2.6 U	<0.0037 U	<0.0048 U	<0.0037 U	<4.9 U	<0.23 U	<0.0044 U	<0.3 U	<0.0039 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0044 U	<2.2 U	<0.0033 U	<0.0042 U	<0.0032 U	<4.3 U	<0.2 U	<0.0038 U	<0.26 U	<0.0034 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	0.063 J	<0.0049 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	0.00024 J	<3.2 U	0.00021 J	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.005 U	<2.6 U	0.00021 J	<0.0048 U	<0.0037 U	3.9 J	<0.23 U	<0.0044 U	0.048 J	0.0071
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.12 U	<64 U	<0.093 U	<0.12 U	<0.092 U	<120 U	<5.8 U	<0.11 U	<7.5 U	<0.099 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.005 U	<2.6 U	<0.0037 U	<0.0048 U	<0.0037 U	<4.9 U	<0.23 U	<0.0044 U	0.088 J	0.0022 J
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.079**	<6.4 U	<0.0093 U	0.0016 J	0.014	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.031 U	<16 U	<0.023 U	<0.03 U	<0.023 U	<31 U	<1.4 U	<0.027 U	<1.9 U	<0.025 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	0.00022 J	<0.00092 U	<1.2 U	0.0084 J	<0.0011 U	**0.073 J**	0.0009 J
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.005 U	<2.6 U	<0.0037 U	<0.0048 U	<0.0037 U	<4.9 UJ	<0.23 U	<0.0044 U	<0.3 U	<0.0039 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	<0.15 U	<0.002 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	<0.15 U	<0.002 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0019 U	<0.97 U	<0.0014 U	<0.0018 U	<0.0014 U	<1.8 U	<0.087 U	<0.0016 U	<0.11 U	<0.0015 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.025 U	0.26 J	0.0014 J	<0.024 U	<0.018 U	5.8 J	<1.2 U	<0.022 U	0.076 J	0.14
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	0.063 J	<0.00099 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0063 UJ	<3.2 U	<0.0046 UJ	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	0.043 J	<0.00099 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0012 U	0.61 J	0.00048 J	<0.0012 U	<0.00092 U	11	0.02 J	<0.0011 U	0.016 J	0.016
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	0.28	0.00073 J
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.025 U	<13 U	<0.019 U	<0.024 U	<0.018 U	<25 U	<1.2 U	<0.022 U	<1.5 U	<0.02 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	0.0056 J	<6.4 U	<0.0093 U	<0.012 U	0.0019 J	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.00088 J	13	0.029	<0.0048 U	0.00023 J	330	0.54	0.00027 J	<0.3 U	4.2
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	**2.1 J**	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0063 U	<3.2 U	0.00021 J	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	0.19 J	0.018
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0012 U	0.39 J	0.00029 J	<0.0012 U	<0.00092 U	8.1	0.013 J	<0.0011 U	<0.075 U	0.016
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0012 U	0.94	0.0006 J	<0.0012 U	<0.00092 U	**18**	0.034 J	<0.0011 U	0.032 J	0.022
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	0.052 J	<0.002 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0012 U	0.78	0.00056 J	<0.0012 U	<0.00092 U	11	0.014 J	<0.0011 U	<0.075 U	0.02
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	<0.15 U	<0.002 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0063 U	<3.2 U	0.00034 J	<0.006 U	<0.0046 U	0.77 J	<0.29 U	<0.0055 U	<0.37 U	0.0033 J
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.0053 J	<39 U	0.0062 J	<0.072 U	<0.055 U	<74 U	<3.5 U	<0.066 U	<4.5 U	0.0078 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0025 U	<1.3 U	0.0022	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	<0.15 U	<0.002 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	0.00046 J	<0.075 U	<0.00099 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.0019 U	<0.97 U	<0.0014 U	<0.0018 U	<0.0014 U	<1.8 U	<0.087 U	<0.0016 U	0.073 J	<0.0015 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	**0.33 J**	0.00073 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0019 U	<0.97 U	<0.0014 U	<0.0018 U	<0.0014 U	<1.8 U	<0.087 U	<0.0016 U	<0.11 U	<0.0015 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0063 U	<3.2 U	<0.0046 U	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0012 U	<0.64 U	<0.00093 U	<0.0012 U	<0.00092 U	<1.2 U	<0.058 U	<0.0011 U	<0.075 U	<0.00099 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0063 UJ	<3.2 U	<0.0046 UJ	<0.006 U	<0.0046 U	<6.2 U	<0.29 U	<0.0055 U	<0.37 U	<0.0049 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.012 U	<6.4 U	<0.0093 U	<0.012 U	<0.0092 U	<12 U	<0.58 U	<0.011 U	<0.75 U	<0.0099 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0025 U	<1.3 U	<0.0019 U	<0.0024 U	<0.0018 U	<2.5 U	<0.12 U	<0.0022 U	<0.15 U	<0.002 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB58_MW58D	C241175_LB58_MW58D	C241175_LB58_MW58D
					Sample Name	C241175_LB56_6-7	C241175_LB56_17-18	C241175_LB56_20-21	C241175_LB57_1-2	C241175_LB57_7-8	C241175_LB57_16-17	C241175_LB57_19-20	C241175_LB58_1-2	C241175_LB58_8-9	C241175_LB58_17-18
					Sample Date	12/05/2016	12/05/2016	12/05/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016
					Sample Depth	6-7	17-18	20-21	1-2	7-8	16-17	19-20	1-2	8-9	17-18
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.24 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.36 U	<0.19 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<1.9 U	<1 U	<0.93 U	<0.86 U	<0.93 U	<0.97 U	<0.93 U	<0.89 U	<0.96 U	<0.98 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.066 J	<0.25 U	<0.23 U	0.047 J	0.027 J	<0.24 U	<0.23 U	0.06 J	0.13 J	<0.24 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.87 U	<0.45 U	<0.42 U	<0.39 U	<0.42 U	<0.44 U	<0.42 U	<0.4 U	<0.43 U	<0.44 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	0.27 J	<0.3 U	<0.28 U	<0.26 U	<0.28 U	<0.29 U	<0.28 U	<0.27 U	0.058 J	<0.29 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<1 U	<0.54 U	<0.5 U	<0.47 U	<0.5 U	<0.53 U	<0.5 U	<0.48 U	<0.52 U	<0.53 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.56 U	<0.29 U	<0.27 U	<0.25 U	<0.27 U	<0.28 U	<0.27 U	<0.26 U	<0.28 U	<0.28 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.4	<0.17 U	<0.15 U	0.18	0.068 J	<0.16 U	<0.15 U	0.16	0.55	<0.16 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.32 U	<0.17 U	<0.15 U	<0.14 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	1	0.35	<0.12 U	0.19	0.22	0.46	<0.12 U	0.25	0.84	0.046 J
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.32 U	<0.17 U	<0.15 U	<0.14 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.53 U	<0.28 U	<0.26 U	<0.24 U	<0.26 U	<0.27 U	<0.26 U	<0.24 U	<0.26 U	<0.27 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<1.3 U	<0.69 U	<0.64 U	<0.6 U	<0.64 U	<0.67 U	<0.64 U	<0.61 U	<0.66 U	<0.67 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**3.6**	0.48	<0.12 U	**1.2**	**1.5**	0.8	<0.12 U	**1.5**	**2.2**	0.072 J
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**6.4**	0.37	<0.15 U	**2.7**	**2.4**	0.86	<0.15 U	**3.2**	**4.6**	0.069 J
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**6.1**	0.16	<0.12 U	**2.6**	**2.3**	0.74	<0.12 U	**3.1**	**4.2**	0.06 J
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**4.2**	0.29	<0.15 U	**2.4**	**1.3**	**0.92**	<0.15 U	**2.6**	**3.3**	0.037 J
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**2.2**	0.036 J	<0.12 U	**0.94**	**0.95**	0.27	<0.12 U	**1.2**	**1.7**	<0.12 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<1.3 U	<0.68 U	<0.63 U	<0.58 U	<0.63 U	<0.66 U	<0.63 U	<0.6 U	<0.65 U	<0.66 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.92 U	<0.48 U	<0.44 U	<0.41 U	<0.44 U	<0.46 U	<0.44 U	<0.42 U	<0.46 U	<0.46 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.44 U	<0.22 U	<0.21 U	<0.19 U	<0.21 U	<0.22 U	<0.21 U	<0.2 U	<0.22 U	<0.22 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.36 U	<0.19 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.48 U	<0.25 U	<0.23 U	<0.22 U	<0.23 U	<0.24 U	<0.23 U	<0.22 U	<0.24 U	<0.24 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.36 J	<0.21 U	<0.19 U	0.1 J	0.11 J	<0.2 U	<0.19 U	0.12 J	0.35	<0.2 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**3.3**	0.61	<0.12 U	**1.1**	**1.4**	1	<0.12 U	**1.6**	**2.2**	0.066 J
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**1.2**	0.078 J	<0.12 U	**0.68**	**0.46**	0.26	<0.12 U	**0.71**	**0.9**	<0.12 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	0.16 J	<0.21 U	<0.19 U	0.036 J	0.045 J	<0.2 U	<0.19 U	0.048 J	0.31	<0.2 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	3.2	0.2	<0.12 U	1.2	1	0.32	<0.12 U	1.4	3.4	0.13
Fluorene	86-73-7	**30**	386	100	mg/kg	0.3 J	<0.21 U	<0.19 U	0.056 J	0.072 J	<0.2 U	<0.19 U	0.06 J	0.47	<0.2 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.24 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<1.2 UJ	<0.6 UJ	<0.55 UJ	<0.52 U	<0.55 U	<0.58 U	<0.55 U	<0.53 U	<0.57 U	<0.58 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.32 U	<0.17 U	<0.15 U	<0.14 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**4.8**	0.12 J	<0.15 U	**2.6**	**1.5**	**0.65**	<0.15 U	**2.7**	**3.9**	0.035 J
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.36 U	<0.19 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.13 J	<0.21 U	<0.19 U	0.073 J	0.048 J	<0.2 U	<0.19 U	0.092 J	2	<0.2 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.36 U	<0.19 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U	<0.18 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.81 U	<0.42 U	<0.39 U	<0.36 U	<0.39 U	<0.4 U	<0.39 U	<0.37 U	<0.4 U	<0.41 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.32 U	<0.17 U	<0.15 U	<0.14 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.32 U	<0.17 U	<0.15 U	<0.14 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**2.3**	0.5	<0.12 U	0.62	0.49	**1.7**	0.032 J	0.84	**3.2**	0.17
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.4 U	<0.21 U	<0.19 U	<0.18 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.2 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	3	0.87	<0.12 U	1.2	1	1.1	0.031 J	1.5	3	0.14

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB56_MW56D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB57_MW57D	C241175_LB58_MW58D	C241175_LB58_MW58D	C241175_LB58_MW58D
					Sample Name	C241175_LB56_6-7	C241175_LB56_17-18	C241175_LB56_20-21	C241175_LB57_1-2	C241175_LB57_7-8	C241175_LB57_16-17	C241175_LB57_19-20	C241175_LB58_1-2	C241175_LB58_8-9	C241175_LB58_17-18
					Sample Date	12/05/2016	12/05/2016	12/05/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016	12/06/2016
					Sample Depth	6-7	17-18	20-21	1-2	7-8	16-17	19-20	1-2	8-9	17-18
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	**0.0299**	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	<0.0185 U	<0.00364 U	<0.00334 U	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	<0.0041 U	<0.00081 U	<0.000742 U	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	<0.0123 U	<0.00243 U	<0.00223 U	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.08 U	<0.0158 U	<0.0145 U	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	<0.00616 U	<0.00121 U	<0.00111 U	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	<0.0041 U	<0.00081 U	<0.000742 U	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	<0.0041 U	<0.00081 U	<0.000742 U	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.0123 U	<0.00243 U	<0.00223 U	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00985 U	<0.00194 U	<0.00178 U	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	<0.0041 U	<0.00081 U	<0.000742 U	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.0123 U	<0.00243 U	<0.00223 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	<0.00492 U	<0.000972 U	<0.000891 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.0185 U	<0.00364 U	<0.00334 U	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.0185 U	<0.00364 U	<0.00334 U	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.185 U	<0.0364 U	<0.0334 U	NA	NA	NA	NA	NA	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.201 U	<0.206 U	<0.192 U	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.201 U	<0.206 U	<0.192 U	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.201 U	<0.206 U	<0.192 U	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	0.0111 J	<0.0386 U	<0.0393 U	<0.0378 U	0.0704	<0.0387 U	<0.0395 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	<0.0356 U	<0.0386 U	<0.0393 U	<0.0378 U	<0.0369 U	<0.0387 U	<0.0395 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0397 U	<0.0411 U	<0.0383 U	0.0111 J	<0.0386 U	<0.0393 U	<0.0378 U	0.0704	<0.0387 U	<0.0395 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,900	5,500	3,000	5,000	5,800	4,700	8,400	4,400	3,100	5,800
Antimony	7440-36-0	NS	NS	NS	mg/kg	1.5 J	0.37 J	<4.5 U	0.8 J	2.4 J	<4.8 U	0.77 J	0.96 J	1.6 J	<4.8 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	9.6	5.2	1.7	3.8	3.1	3.7	2.7	12	7.8	2.5
Barium	7440-39-3	**410**	820	410	mg/kg	140	30	15	48	55	21	83	67	59	16
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.29 J	0.4 J	0.28 J	0.24 J	0.4 J	0.15 J	0.22 J	0.26 J	0.15 J	0.12 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	1.1	0.3 J	0.22 J	0.4 J	0.29 J	0.25 J	0.39 J	0.57 J	0.64 J	0.23 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	15,000	1,200	390	14,000	3,900	3,100	710	3,800	45,000	760
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.99 U	<1 U	<0.94 U	<0.88 U	<0.95 U	<0.97 U	<0.94 U	<0.91 U	<0.97 U	<0.98 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	12	23	8.1	12	13	8.6	54	9.3	7.7	13
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	12	23	8.1	12	13	8.6	**54**	9.3	7.7	13
Cobalt	7440-48-4	NS	NS	NS	mg/kg	6	9.2	5.8	3.5	5.4	5.6	6.9	4.6	6.7	5.2
Copper	7440-50-8	**50**	1720	280	mg/kg	**55**	16	5.8	20	25	13	11	18	17	10
Iron	7439-89-6	NS	NS	NS	mg/kg	16,000	9,800	8,400	10,000	12,000	8,900	18,000	9,800	9,400	9,400
Lead	7439-92-1	**63**	450	400	mg/kg	**430**	8.1	4.1 J	62	49	8	2.1 J	50	**100**	4.6 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,800	2,200	1,500	2,400	2,300	2,400	5,500	1,700	1,600	2,400
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	200	72	52	99	240	72	160	200	110	73
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.38**	0.04 J	0.02 J	0.13 J	0.07 J	0.03 J	<0.07 U	0.1	**0.24**	<0.08 U
Nickel	7440-02-0	**30**	130	320	mg/kg	12	16	11	9	14	13	21	9.9	16	13
Potassium	7440-09-7	NS	NS	NS	mg/kg	940	700	560	740	1,500	520	3,600	530	480	500
Selenium	7782-49-2	3.9	4	110	mg/kg	0.83 J	<1.9 U	<1.8 U	<1.7 U	<1.9 U	<1.9 U	<1.8 U	<1.8 U	0.66 J	<1.9 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.97 U	<0.96 U	<0.9 U	<0.85 U	<0.94 U	<0.95 U	<0.92 U	<0.89 U	<0.96 U	<0.96 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	330	240	330	210	340	310	700	180	260	290
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.9 U	<1.9 U	<1.8 U	<1.7 U	<1.9 U	<1.9 U	<1.8 U	<1.8 U	<1.9 U	<1.9 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	16	27	14	15	17	9.1	41	17	9	7.2
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**580**	35	26	92	33	39	54	**150**	**1,200**	27
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB58_MW58D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB62_MW62DB
					Sample Name	C241175_LB58_22-23	C241175_LB59_1-2	C241175_LB59_7-8	C241175_LB59_13-14	C241175_LB59_15-16	C241175_LB61_0.5-2	C241175_LB61_3.5-5.5	C241175_LB61_8-10	C241175_LB61_13-15	C241175_LB62_2-4
					Sample Date	12/06/2016	12/07/2016	12/07/2016	12/07/2016	12/07/2016	10/24/2017	10/24/2017	10/24/2017	10/24/2017	12/01/2017
					Sample Depth	22-23	1-2	7-8	13-14	15-16	0.5-2	3.5-5.5	8-10	13-15	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	0.00068 J
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.021 U	<0.022 U	<0.019 U	<1.3 U	<0.022 U	<1.6 U	<0.024 U	<0.019 U	<0.02 U	<0.021 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.1 U	<0.0016 U	<0.12 U	<0.0018 U	<0.0014 U	<0.0015 U	<0.0016 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.1 U	<0.0016 U	<0.12 U	<0.0018 U	<0.0014 U	<0.0015 U	<0.0016 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0042 U	<0.0044 U	<0.0039 U	0.026 J	<0.0043 U	0.049 J	<0.0049 U	<0.0039 U	<0.004 U	<0.0042 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	0.011 J	<0.0054 U	0.67	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 UJ	<0.0061 UJ	<0.0048 UJ	<0.005 UJ	<0.0053 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0042 U	<0.0044 U	<0.0039 U	<0.27 U	<0.0043 U	<0.31 U	<0.0049 U	<0.0039 U	<0.004 U	<0.0042 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0037 U	<0.0038 U	<0.0034 U	<0.23 U	<0.0038 U	<0.27 U	<0.0043 U	<0.0034 U	<0.0035 U	<0.0037 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	0.012 J	<0.0054 U	0.23 J	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	0.0002 J	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0042 U	<0.0044 U	<0.0039 U	0.023 J	<0.0043 U	<0.31 U	<0.0049 U	<0.0039 U	<0.004 U	<0.0042 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.1 U	<0.11 U	<0.097 U	<6.7 U	<0.11 U	<3.1 UJ	<0.049 UJ	<0.039 UJ	<0.04 UJ	<0.042 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 UJ	<0.0097 UJ	<0.01 U	<0.01 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0042 U	<0.0044 U	<0.0039 U	<0.27 U	<0.0043 U	0.3 J	<0.0049 U	<0.0039 U	<0.004 U	<0.0042 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	0.014	0.015	0.027	<0.67 U	0.016	<0.78 U	0.004 J	0.017	0.0096 J	0.012
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.026 U	<0.027 U	<0.024 U	<1.7 U	<0.027 U	<2 UJ	<0.031 UJ	<0.024 UJ	<0.025 UJ	<0.026 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 UJ	<0.012 UJ	<0.0097 UJ	<0.01 UJ	<0.01 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	0.011 J	<0.0011 U	**0.77**	0.002	<0.00097 U	<0.001 U	<0.001 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0042 U	<0.0044 U	<0.0039 U	<0.27 U	<0.0043 U	<0.31 UJ	<0.0049 UJ	<0.0039 UJ	<0.004 UJ	<0.0042 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	<0.16 U	<0.0024 U	<0.0019 U	<0.002 U	<0.0021 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	0.0026 J	<0.01 U	<0.01 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	<0.16 U	<0.0024 U	<0.0019 U	<0.002 U	<0.0021 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.1 U	<0.0016 U	<0.12 U	<0.0018 U	<0.0014 U	<0.0015 U	0.0017
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.001 U	0.00072 J	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	0.00094 J	<0.022 U	<0.019 U	<1.3 U	0.00089 J	0.67 J	0.0012 J	0.0017 J	<0.02 U	<0.021 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	0.12	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 UJ	<0.0012 UJ	<0.00097 UJ	<0.001 UJ	<0.001 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	0.13	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	0.012 J	<0.0011 U	0.016 J	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	1.6	0.0005 J	<0.0019 U	<0.002 U	<0.0021 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.021 U	<0.022 U	<0.019 U	<1.3 U	<0.022 U	<1.6 U	<0.024 U	<0.019 U	<0.02 U	<0.021 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	0.0027 J	<0.011 U	0.0036 J	<0.67 U	0.0015 J	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.0034 J	<0.0044 U	0.00022 J	0.84	0.00061 J	1.1	0.0018 J	0.0014 J	<0.004 U	<0.0042 U
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0052 U	0.00019 J	<0.0048 U	0.015 J	<0.0054 U	0.18 J	<0.0061 UJ	<0.0048 UJ	<0.005 U	<0.0053 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	0.012 J	<0.0011 U	0.034 J	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	0.06 J	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	0.23	<0.0024 U	<0.0019 U	<0.002 U	<0.0021 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	0.012 J	<0.0011 U	0.025 J	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	<0.16 U	<0.0024 U	<0.0019 U	<0.002 U	<0.0021 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.00044 J	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.015 J	<0.066 U	<0.058 U	<4 U	0.0033 J	<4.7 UJ	<0.074 UJ	0.0029 J	<0.06 UJ	<0.063 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	0.0044	<0.0022 U	<0.0019 U	<0.13 U	0.00077 J	<0.16 U	<0.0024 U	0.00073 J	0.0013 J	<0.0021 UJ
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	0.00022 J	0.0094	0.00015 J	<0.067 U	0.00015 J	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	0.014 J	<0.0016 U	**1.1**	0.0008 J	<0.0014 U	<0.0015 U	<0.0016 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	**1.8**	0.0005 J	<0.0019 U	<0.002 U	<0.0021 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0016 U	<0.0016 U	<0.0014 U	<0.1 U	<0.0016 U	<0.12 U	<0.0018 U	<0.0014 U	<0.0015 U	<0.0016 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.001 U	<0.0011 U	<0.00097 U	<0.067 U	<0.0011 U	<0.078 UJ	<0.0012 UJ	<0.00097 UJ	<0.001 UJ	<0.001 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 UJ	<0.0061 UJ	<0.0048 UJ	<0.005 UJ	<0.0053 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.001 U	0.0033	<0.00097 U	<0.067 U	<0.0011 U	<0.078 U	<0.0012 U	<0.00097 U	<0.001 U	<0.001 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0052 U	<0.0055 U	<0.0048 U	<0.33 U	<0.0054 U	<0.39 U	<0.0061 U	<0.0048 U	<0.005 U	<0.0053 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.01 U	<0.011 U	<0.0097 U	<0.67 U	<0.011 U	<0.78 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0021 U	<0.0022 U	<0.0019 U	<0.13 U	<0.0022 U	<0.16 U	<0.0024 U	<0.0019 U	<0.002 U	<0.0021 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB58_MW58D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB62_MW62DB
					Sample Name	C241175_LB58_22-23	C241175_LB59_1-2	C241175_LB59_7-8	C241175_LB59_13-14	C241175_LB59_15-16	C241175_LB61_0.5-2	C241175_LB61_3.5-5.5	C241175_LB61_8-10	C241175_LB61_13-15	C241175_LB62_2-4
					Sample Date	12/06/2016	12/07/2016	12/07/2016	12/07/2016	12/07/2016	10/24/2017	10/24/2017	10/24/2017	10/24/2017	12/01/2017
					Sample Depth	22-23	1-2	7-8	13-14	15-16	0.5-2	3.5-5.5	8-10	13-15	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 U	<0.23 U	<0.12 U	<0.12 U	<0.12 U	<0.45 U	<3.7 U	<0.13 U	<0.12 U	<0.38 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<0.18 U	<0.19 U	<0.19 U	<0.68 U	<5.6 U	<0.2 U	<0.19 U	<0.57 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.91 U	<1.8 U	<0.95 U	<1 U	<0.99 U	<3.6 U	<30 U	<1.1 U	<0.99 U	<3 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.23 U	0.15 J	0.044 J	<0.25 U	<0.25 U	0.31 J	1.1 J	<0.27 U	<0.25 U	<0.76 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.41 U	<0.82 U	<0.43 U	<0.45 U	<0.45 U	<1.6 U	<13 U	<0.48 U	<0.45 U	<1.4 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	<0.27 U	<0.55 U	<0.29 U	<0.3 U	<0.3 U	<1.1 U	<8.9 U	<0.32 U	<0.3 U	<0.91 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.5 U	<0.99 U	<0.52 U	<0.54 U	<0.54 U	<2 U	<16 U	<0.58 U	<0.54 U	<1.6 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.27 U	<0.53 U	<0.28 U	<0.29 U	<0.29 U	<1 U	<8.7 U	<0.31 U	<0.29 U	<0.89 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	<0.15 U	0.31	0.14 J	<0.17 U	<0.16 U	0.79	7.6	<0.18 U	<0.16 U	<0.51 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.15 U	<0.3 U	<0.16 U	<0.17 U	<0.16 U	0.14 J	<5 U	<0.18 U	<0.16 U	<0.51 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	0.19 J	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.11 U	1.6	0.26	<0.12 U	<0.12 U	1.2	9.7	<0.13 U	<0.12 U	<0.38 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<0.16 U	<0.17 U	<0.16 U	<0.6 U	<5 U	<0.18 U	<0.16 U	<0.51 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.25 U	<0.5 U	<0.26 U	<0.27 U	<0.27 U	<1 U	<8.2 U	<0.29 U	<0.27 U	<0.84 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.63 U	<1.2 U	<0.66 U	<0.68 U	<0.68 U	<2.5 U	<20 U	<0.73 U	<0.68 U	<2.1 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	<0.11 U	**9.6**	0.96	<0.12 U	<0.12 U	**7.6**	**54**	<0.13 U	<0.12 U	0.47
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	<0.15 U	**9.8**	**1.5**	<0.17 U	<0.16 U	**17**	**150**	<0.18 U	<0.16 U	0.49 J
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	<0.11 U	**13**	**1.5**	<0.12 U	<0.12 U	**16**	**130**	<0.13 U	<0.12 U	0.58
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	<0.15 U	**6.6**	**1.1**	<0.17 U	<0.16 U	**16**	**110**	<0.18 U	<0.16 U	0.36 J
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	<0.11 U	**4**	0.51	<0.12 U	<0.12 U	**6.3**	**44**	<0.13 U	<0.12 U	0.22 J
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.62 U	<1.2 U	<0.64 U	<0.67 U	<0.67 U	<2.4 UJ	<20 UJ	<0.72 UJ	<0.67 UJ	<2 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.43 U	<0.87 U	<0.45 U	<0.47 U	<0.47 U	<1.7 U	<14 U	<0.51 U	<0.47 U	<1.4 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.41 U	<0.21 U	<0.22 U	<0.22 U	<0.82 U	<6.7 U	<0.24 U	<0.22 U	<0.68 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<0.18 U	<0.19 U	<0.19 U	<0.68 U	<5.6 U	<0.2 U	<0.19 U	<0.57 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.23 U	<0.46 U	<0.24 U	<0.25 U	<0.25 U	<0.91 UJ	<7.4 U	<0.27 U	<0.25 U	<0.76 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 UJ	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.19 U	0.62	0.12 J	<0.21 U	<0.21 U	0.68 J	5.6 J	<0.22 U	<0.21 U	<0.63 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	<0.11 U	**9.9**	0.94	<0.12 U	<0.12 U	**7.4**	**51**	<0.13 U	<0.12 U	0.48
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	<0.11 U	**1.8**	0.29	<0.12 U	<0.12 U	**3.2**	**26**	<0.13 U	<0.12 U	0.088 J
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	<0.19 U	0.29 J	0.055 J	<0.21 U	<0.21 U	0.23 J	1.6 J	<0.22 U	<0.21 U	<0.63 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	<0.11 U	15	1.1	<0.12 U	<0.12 U	6.6	50	<0.13 U	<0.12 U	0.94
Fluorene	86-73-7	**30**	386	100	mg/kg	<0.19 U	0.24 J	0.087 J	<0.21 U	<0.21 U	0.26 J	2.7 J	<0.22 U	<0.21 U	<0.63 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.11 U	<0.23 U	<0.12 U	<0.12 U	<0.12 U	<0.45 U	<3.7 U	<0.13 U	<0.12 U	<0.38 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 U	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.54 U	<1.1 U	<0.57 U	<0.59 U	<0.59 U	<2.2 U	<18 U	<0.64 U	<0.59 U	<1.8 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<0.16 U	<0.17 U	<0.16 U	<0.6 U	<5 U	<0.18 U	<0.16 U	<0.51 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	<0.15 U	**7**	**1.2**	<0.17 U	<0.16 U	**15**	**120**	<0.18 U	<0.16 U	0.32 J
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.17 U	<0.34 U	<0.18 U	<0.19 U	<0.19 U	<0.68 U	<5.6 U	<0.2 U	<0.19 U	<0.57 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.19 U	0.59	0.09 J	<0.21 U	<0.21 U	0.68 J	2.2 J	<0.22 U	<0.21 U	<0.63 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.17 U	<0.34 U	<0.18 U	<0.19 U	<0.19 U	<0.68 U	<5.6 U	<0.2 U	<0.19 U	<0.57 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.38 U	<0.76 U	<0.4 U	<0.42 U	<0.41 U	<1.5 U	<12 U	<0.44 U	<0.41 U	<1.3 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.19 U	<0.38 U	0.14 J	<0.21 U	<0.21 U	<0.76 UJ	<6.2 U	<0.22 U	<0.21 U	<0.63 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<0.16 U	<0.17 U	<0.16 U	<0.6 U	<5 U	<0.18 U	<0.16 U	<0.51 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.15 U	<0.3 U	<0.16 U	<0.17 U	<0.16 U	<0.6 U	<5 U	<0.18 U	<0.16 U	<0.51 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	<0.11 U	**6.2**	0.77	<0.12 U	<0.12 U	**3.2**	**25**	<0.13 U	<0.12 U	0.62
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.19 U	<0.38 U	<0.2 U	<0.21 U	<0.21 U	<0.76 UJ	<6.2 U	<0.22 U	<0.21 U	<0.63 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	<0.11 U	15	1	<0.12 U	<0.12 U	6.7	52	<0.13 U	<0.12 U	0.89

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB58_MW58D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB59_MW59D	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB61_MW61DB	C241175_LB62_MW62DB
					Sample Name	C241175_LB58_22-23	C241175_LB59_1-2	C241175_LB59_7-8	C241175_LB59_13-14	C241175_LB59_15-16	C241175_LB61_0.5-2	C241175_LB61_3.5-5.5	C241175_LB61_8-10	C241175_LB61_13-15	C241175_LB62_2-4
					Sample Date	12/06/2016	12/07/2016	12/07/2016	12/07/2016	12/07/2016	10/24/2017	10/24/2017	10/24/2017	10/24/2017	12/01/2017
					Sample Depth	22-23	1-2	7-8	13-14	15-16	0.5-2	3.5-5.5	8-10	13-15	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	<0.00174 UJ	NA	NA	NA	<0.00201 U
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	<0.00174 U	NA	NA	NA	<0.00201 U
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	0.00278 J	NA	NA	NA	<0.00378 U
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	<0.00174 U	NA	NA	NA	<0.00201 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	<0.000724 U	NA	NA	NA	<0.00084 U
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	<0.00217 U	NA	NA	NA	<0.00252 U
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	<0.00174 U	NA	NA	NA	<0.00201 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	<0.00174 U	NA	NA	NA	<0.00201 U
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	<0.00174 UJ	NA	NA	NA	<0.00201 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0141 U	NA	NA	NA	<0.0164 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	0.000453 J	NA	NA	NA	<0.00201 U
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	<0.00108 UJ	NA	NA	NA	<0.00126 U
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	<0.000724 UJ	NA	NA	NA	<0.00084 U
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	0.00166 J	NA	NA	NA	<0.00084 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.00217 UJ	NA	NA	NA	<0.00252 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.00174 UJ	NA	NA	NA	<0.00201 U
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	<0.000724 UJ	NA	NA	NA	<0.00084 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.00217 U	NA	NA	NA	<0.00252 U
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	<0.000869 U	NA	NA	NA	<0.00101 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.00326 U	NA	NA	NA	<0.00378 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.00326 UJ	NA	NA	NA	<0.00378 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0326 U	NA	NA	NA	<0.0378 U
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.189 U	NA	NA	NA	<0.212 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.189 U	NA	NA	NA	<0.212 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	<0.189 U	NA	NA	NA	<0.212 U
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0382 U	1.17	0.0291 J	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0382 U	<0.186 U	<0.0389 U	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0382 U	**1.17**	0.0291 J	<0.0403 U	<0.0402 U	<0.0363 U	<0.0498 U	<0.0429 U	<0.0402 U	<0.0406 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	3,600	4,000	6,000	7,100	5,600	3,660	5,440	8,900	5,170	2,430
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.6 U	0.85 J	<4.7 U	<4.9 U	<5.1 U	<4.52 U	<5.78 U	<5.13 U	0.549 J	0.84 J
Arsenic	7440-38-2	**13**	16	16	mg/kg	5.7	**38**	1.2	5.1	1.8	9.49	**13.1**	0.605 J	1.78	**23.2**
Barium	7440-39-3	**410**	820	410	mg/kg	21	180	46	53	37	130	57.7	13.1	19.1	**1,750**
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.2 J	0.09 J	0.17 J	0.55	0.1 J	<0.452 U	0.185 J	0.256 J	<0.49 U	0.23 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	0.37 J	<0.89 U	<0.94 U	<0.98 U	<1 U	1.64	1.76	0.646 J	0.549 J	1.16
Calcium	7440-70-2	NS	NS	NS	mg/kg	310	4,000	2,900	880	1,000	34,100	4,740	754	703	2,930
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<0.94 U	<0.93 U	<0.96 UJ	<1 U	<1 U	<0.91 UJ	<1.2 UJ	<1.1 UJ	<1 UJ	<1 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	8.3	18	12	11	14	7.37	10.5	10.2	8.8	34.4
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	8.3	18	12	11	14	7.4	10	10	8.8	**34**
Cobalt	7440-48-4	NS	NS	NS	mg/kg	10	6.2	6.4	2.1	6.9	3.69	14.6	4.16	5.72	4.35
Copper	7440-50-8	**50**	1720	280	mg/kg	4.8	50	16	2.7	16	39.2	25.9	3.92	10.5	**702**
Iron	7439-89-6	NS	NS	NS	mg/kg	6,100	9,100	12,000	18,000	13,000	15,200	27,900	11,900	9,460	19,400
Lead	7439-92-1	**63**	450	400	mg/kg	3.9 J	**820**	22	5.4	7.2	**90**	**74.8**	5.19	5.35	**1,110**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,200	1,800	2,500	1,200	2,600	2,060	1,580	2,320	2,380	625
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	43	470	180	100	79	212	356	73.1	74.1	135
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	<0.07 U	**0.35**	0.04 J	0.03 J	<0.08 U	**0.19**	0.09	<0.08 U	<0.08 U	**1 J**
Nickel	7440-02-0	**30**	130	320	mg/kg	15	**43**	14	3.7	14	9.27	26	11.9	13.9	12.4
Potassium	7440-09-7	NS	NS	NS	mg/kg	360	550	1,400	410	740	545	641	566	427	425
Selenium	7782-49-2	3.9	4	110	mg/kg	<1.8 U	<1.8 U	<1.9 U	<2 U	<2 U	0.596 J	0.889 J	<2.05 U	<1.96 U	1.57 J
Silver	7440-22-4	**2**	8.3	110	mg/kg	<0.91 U	<0.89 U	<0.94 U	<0.98 U	<1 U	<0.903 U	<1.16 U	<1.03 U	<0.98 U	<1 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	410	200	190	800	160 J	1,580	493	200 J	95.9 J	604
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.8 U	<1.8 U	<1.9 U	<2 U	<2 U	<1.81 U	0.52 J	<2.05 U	<1.96 U	<2 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	14	11	15	19	16	9.77	15.4	11.4	8.74	10.6
Zinc	7440-66-6	**109**	2480	6600	mg/kg	82	**110**	31	14	43	**299**	**349**	29	30.6	**908**
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	87.6	66.8	74.9	79.3	77.6

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_SB05	C241175_SB07	C241175_SB08	C241175_SB08	C241175_SB11	C241175_SB12	C241175_SB13	C241175_SB14	C241175_SB14	C241175_SB16	C241175_SB18	C241175_SB18
					Sample Name	C241175_LB62_10-12	C241175_LB62_24-25.5	C241175_LB62_28-30	SB05_7-8	SB07_2.5-3.5	SB08_3-4	SB08_20-21	SB11_2.5-3.5	SB12_2.5-3.5	SB13_3.5-4.5	SB14_6-7	SB14_9.5-10.5	SB16_5.5-6.5	SB18_2-3	C241175_SB18_E1_0-4
					Sample Date	12/01/2017	12/01/2017	12/01/2017	04/19/2015	04/19/2015	04/19/2015	04/19/2015	04/20/2015	04/21/2015	04/21/2015	04/21/2015	04/21/2015	04/22/2015	04/22/2015	10/05/2016
					Sample Depth	10-12	24-25.5	28-30	7-8	2-4	3-4	20-21	2-4	2-4	3-5	6-7	9-11	5-7	2-3	0-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	0.00087 J	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.025 U	<0.017 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0019 U	<0.0012 U	<0.0014 U	<0.0026 U	<0.11 U	<0.003 U	<0.002 U	<0.0023 U	<0.002 U	<0.003 U	<0.0028 U	<0.13 U	<0.0019 U	NA	NA
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	0.00075 J	<0.0012 U	<0.0014 U	<0.0026 U	<0.11 U	<0.003 U	<0.002 U	<0.0023 U	<0.002 U	<0.003 U	<0.0028 U	<0.13 U	<0.0019 U	NA	NA
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0051 U	<0.0034 U	<0.0038 U	<0.0068 U	<0.3 U	<0.0081 U	<0.0052 U	<0.0061 U	<0.0053 U	<0.008 U	<0.0074 U	0.63	<0.0051 U	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0051 U	<0.0034 U	<0.0038 U	<0.0068 U	<0.3 U	<0.0081 U	<0.0052 U	<0.0061 U	<0.0053 U	<0.008 U	<0.0074 U	<0.36 U	<0.0051 U	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0044 U	<0.0029 U	<0.0033 U	<0.006 U	<0.26 U	<0.0071 U	<0.0046 U	<0.0053 U	<0.0046 U	<0.007 U	<0.0064 U	<0.31 U	<0.0044 U	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0051 U	<0.0034 U	<0.0038 U	<0.0068 U	<0.3 U	<0.0081 U	<0.0052 U	<0.0061 U	<0.0053 U	<0.008 U	<0.0074 U	0.12 J	<0.0051 U	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<0.051 U	<0.034 U	<0.038 U	<0.17 U	<7.5 U	<0.2 U	<0.13 U	<0.15 U	<0.13 U	<0.2 U	<0.18 U	<9 U	<0.13 U	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0051 U	<0.0034 U	<0.0038 U	<0.0068 U	<0.3 U	<0.0081 U	<0.0052 U	<0.0061 U	<0.0053 U	<0.008 U	<0.0074 U	<0.36 U	<0.0051 U	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	**0.034**	0.023	0.023	0.01 J	**0.52 J**	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	**0.076**	**1.2**	<0.013 U	NA	NA
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.032 UJ	<0.021 UJ	<0.024 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	0.0026	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0051 U	<0.0034 U	<0.0038 U	<0.0068 U	<0.3 U	<0.0081 U	<0.0052 U	<0.0061 U	<0.0053 U	<0.008 U	<0.0074 U	<0.36 U	<0.0051 U	NA	NA
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 UJ	<0.0025 U	NA	NA
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	0.003 J	0.0012 J	0.0025 J	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 UJ	<0.0025 U	NA	NA
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.0019 U	<0.0012 U	<0.0014 U	<0.0026 U	<0.11 U	<0.003 U	<0.002 U	<0.0023 U	<0.002 U	<0.003 U	<0.0028 U	<0.13 U	<0.0019 U	NA	NA
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.025 U	<0.017 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 UJ	<0.0063 U	NA	NA
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	0.1	<0.0013 U	NA	NA
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	0.075 J	0.00027 J	NA	NA
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.025 U	<0.017 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	**0.46 J**	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	**1**	<0.013 U	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 UJ	<0.75 UJ	<0.02 UJ	<0.013 UJ	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.00076 J	<0.0034 U	<0.0038 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	1.3	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	0.28	<0.0013 U	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 U	<0.0025 U	NA	NA
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	1.6	<0.0013 U	NA	NA
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 U	<0.0025 U	NA	NA
T-Butylbenzene	98-06-6	11	11	100	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	0.67	<0.0063 U	NA	NA
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	0.0096 J	0.012 J	0.011 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.0025 UJ	0.0072 J	0.0067 J	<0.0034 U	<0.15 U	<0.004 U	0.0008 J	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 U	<0.0025 U	NA	NA
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	0.0059	<0.0013 U	<0.0015 U	<0.0013 U	0.015	<0.0018 U	<0.09 U	0.0052	NA	NA
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.0019 U	<0.0012 U	<0.0014 U	<0.0026 U	<0.11 U	<0.003 U	<0.002 U	<0.0023 U	<0.002 U	<0.003 U	<0.0028 U	<0.13 U	<0.0019 U	NA	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	0.075 J	0.00027 J	NA	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0019 U	<0.0012 U	<0.0014 U	<0.0026 U	<0.11 U	<0.003 U	<0.002 U	<0.0023 U	<0.002 U	<0.003 U	<0.0028 U	<0.13 U	<0.0019 U	NA	NA
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	<0.002 U	<0.0018 U	<0.09 U	<0.0013 U	NA	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 U	<0.0063 U	NA	NA
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.0013 U	<0.00084 U	<0.00096 U	<0.0017 U	<0.075 U	<0.002 U	<0.0013 U	<0.0015 U	<0.0013 U	0.0085	0.012	<0.09 U	<0.0013 U	NA	NA
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0063 U	<0.0042 U	<0.0048 U	<0.0085 U	<0.38 U	<0.01 U	<0.0066 U	<0.0076 U	<0.0066 U	<0.01 U	<0.0092 U	<0.45 UJ	<0.0063 U	NA	NA
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.013 U	<0.0084 U	<0.0096 U	<0.017 U	<0.75 U	<0.02 U	<0.013 U	<0.015 U	<0.013 U	<0.02 U	<0.018 U	<0.9 U	<0.013 U	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.0025 U	<0.0017 U	<0.0019 U	<0.0034 U	<0.15 U	<0.004 U	<0.0026 U	<0.003 U	<0.0026 U	<0.004 U	<0.0037 U	<0.18 UJ	<0.0025 U	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_SB05	C241175_SB07	C241175_SB08	C241175_SB08	C241175_SB11	C241175_SB12	C241175_SB13	C241175_SB14	C241175_SB14	C241175_SB16	C241175_SB18	C241175_SB18
					Sample Name	C241175_LB62_10-12	C241175_LB62_24-25.5	C241175_LB62_28-30	SB05_7-8	SB07_2.5-3.5	SB08_3-4	SB08_20-21	SB11_2.5-3.5	SB12_2.5-3.5	SB13_3.5-4.5	SB14_6-7	SB14_9.5-10.5	SB16_5.5-6.5	SB18_2-3	C241175_SB18_E1_0-4
					Sample Date	12/01/2017	12/01/2017	12/01/2017	04/19/2015	04/19/2015	04/19/2015	04/19/2015	04/20/2015	04/21/2015	04/21/2015	04/21/2015	04/21/2015	04/22/2015	04/22/2015	10/05/2016
					Sample Depth	10-12	24-25.5	28-30	7-8	2-4	3-4	20-21	2-4	2-4	3-5	6-7	9-11	5-7	2-3	0-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	<2.2 U	<19 U	<0.48 U	<0.26 U	<0.27 U	<0.44 U	<0.23 U	<1.1 U	<1.3 U	<0.47 U	<5.6 U	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.12 U	<0.11 U	<0.11 U	<1.1 U	<9.3 U	<0.24 U	<0.13 U	<0.13 U	<0.22 U	<0.12 U	<0.56 U	<0.65 U	<0.23 U	<2.8 U	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.19 U	<0.17 U	<0.16 U	<1.7 U	<14 U	<0.36 U	<0.19 U	<0.2 U	<0.33 U	<0.17 U	<0.84 U	<0.98 U	<0.35 U	<4.2 U	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<1 U	<0.9 U	<0.88 U	<9 U	<74 U	<1.9 U	<1 U	<1.1 U	<1.7 U	<0.92 U	<4.5 U	<5.2 U	<1.9 U	<22 U	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.25 U	<0.23 U	<0.22 U	<2.2 U	5 J	0.28 J	<0.26 U	0.31	0.16 J	<0.23 U	<1.1 U	0.36 J	<0.47 U	1.7 J	NA
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.45 U	<0.41 U	<0.4 U	<4 U	<34 U	<0.86 U	<0.46 U	<0.48 U	<0.78 U	<0.42 U	<2 U	<2.4 U	<0.84 U	<10 U	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	0.062 J	<0.27 U	<0.26 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	<2.7 U	<22 U	<0.57 U	<0.31 U	<0.32 U	<0.52 U	<0.28 U	<1.3 U	<1.6 U	<0.56 U	<6.8 U	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.54 U	<0.49 U	<0.48 U	<4.9 U	<40 U	<1 U	<0.56 U	<0.58 U	<0.94 U	<0.5 U	<2.4 U	<2.8 U	<1 U	<12 U	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.29 U	<0.26 U	<0.26 U	<2.6 U	<22 U	<0.56 U	<0.3 U	<0.31 U	<0.51 U	<0.27 U	<1.3 U	<1.5 U	<0.54 U	<6.6 U	NA
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.1 J	<0.15 U	<0.15 U	2.4	**36**	0.39	<0.17 U	1.1	0.35	<0.15 U	0.95	3.1	<0.31 U	13	NA
Acenaphthylene	208-96-8	100	365	100	mg/kg	<0.17 U	<0.15 U	<0.15 U	<1.5 U	<12 U	0.37	<0.17 U	0.3	0.3	<0.15 U	1.1	<0.87 U	<0.31 U	<3.8 U	NA
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	0.39	<4.7 U	NA
Anthracene	120-12-7	100	1000	100	mg/kg	0.16	<0.11 U	<0.11 U	2.6	94	1.2	<0.13 U	1.8	1.1	<0.12 U	6.6	4	0.1 J	33	NA
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.17 U	<0.15 U	<0.15 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Azobenzene	103-33-3	NS	NS	NS	mg/kg	0.044 J	<0.19 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.27 U	<0.25 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.69 U	<0.62 U	<0.61 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	0.78	<0.11 U	<0.11 U	**17**	**230**	**3.4**	<0.13 U	**5.5**	**4.3**	<0.12 U	**20**	**24**	0.72	**84**	NA
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**1.6**	<0.15 U	<0.15 U	**38**	**200**	**3.9**	<0.17 U	**5.1**	**5.7**	<0.15 U	**21**	**56**	0.6	**84**	NA
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**1.5**	<0.11 U	<0.11 U	**35**	**250**	**4**	<0.13 U	**6.8**	**4**	<0.12 U	**27**	**55**	0.63	**110**	NA
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**1.2**	<0.15 U	<0.15 U	**30**	**120**	**3.1**	<0.17 U	**2.6**	**1.9**	<0.15 U	**14**	**40**	0.5	**43**	NA
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	0.6	<0.11 U	<0.11 U	**14**	**97**	**1.7**	<0.13 U	**2.8**	**1.6**	<0.12 U	**8.4**	**17**	0.2 J	**41**	NA
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.67 U	<0.61 U	<0.6 U	<6.1 U	<50 U	<1.3 U	<0.69 U	<0.72 U	<1.2 U	<0.62 U	<3 U	<3.5 U	<1.3 U	<15 U	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.47 U	<0.43 U	<0.42 U	<4.3 U	<35 U	<0.9 U	<0.49 U	0.09 J	<0.83 U	<0.44 U	<2.1 U	<2.5 U	<0.89 U	<11 U	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.22 U	<0.2 U	<0.2 U	<2 U	<17 U	<0.43 U	<0.23 U	<0.24 U	<0.39 U	<0.21 U	<1 U	<1.2 U	<0.42 U	<5.1 U	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.19 U	<0.17 U	<0.16 U	<1.7 U	<14 U	<0.36 U	<0.19 U	<0.2 U	<0.33 U	<0.17 U	<0.84 U	<0.98 U	<0.35 U	<4.2 U	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.25 U	<0.23 U	<0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	0.17 J	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	0.19 J	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.093 J	<0.19 U	<0.18 U	1.3 J	28	0.44	<0.21 U	0.91	0.28 J	<0.19 U	0.63 J	2.1	<0.39 U	11	NA
Chrysene	218-01-9	**1**	1	4.9	mg/kg	0.72	<0.11 U	<0.11 U	**16**	**210**	**3.6**	<0.13 U	**6**	**4.2**	<0.12 U	**20**	**22**	0.85	**81**	NA
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	0.3	<0.11 U	<0.11 U	**7.8**	**33**	**0.81**	<0.13 U	**0.77**	**0.97**	<0.12 U	**2.8**	**12**	0.13 J	**11**	NA
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	0.03 J	<0.19 U	<0.18 U	<1.9 U	**15 J**	0.28 J	<0.21 U	0.63	0.28 J	<0.19 U	0.86 J	0.59 J	<0.39 U	**5**	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	0.071 J	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	0.81	<0.11 U	<0.11 U	13	**500**	4.7	<0.13 U	14	6.7	<0.12 U	48	21	0.63	**160**	NA
Fluorene	86-73-7	**30**	386	100	mg/kg	0.05 J	<0.19 U	<0.18 U	0.7 J	**31**	0.37 J	<0.21 U	0.71	0.3 J	<0.19 U	0.99	1.4	<0.39 U	10	NA
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.12 U	<0.11 U	<0.11 U	<1.1 U	<9.3 U	<0.24 U	<0.13 U	<0.13 U	<0.22 U	<0.12 U	<0.56 U	<0.65 U	<0.23 U	<2.8 U	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.6 U	<0.54 U	<0.53 U	<5.4 U	<44 U	<1.1 U	<0.61 U	<0.64 U	<1 U	<0.55 U	<2.7 U	<3.1 U	<1.1 U	<13 U	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.17 U	<0.15 U	<0.15 U	<1.5 U	<12 U	<0.32 U	<0.17 U	<0.18 U	<0.29 U	<0.15 U	<0.75 U	<0.87 U	<0.31 U	<3.8 U	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**1.3**	<0.15 U	<0.15 U	**34**	**140**	**3**	<0.17 U	**2.8**	**2.2**	<0.15 U	**14**	**49**	0.34	**49**	NA
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.19 U	<0.17 U	<0.16 U	<1.7 U	8.1 J	<0.36 U	<0.19 U	<0.2 U	<0.33 U	<0.17 U	<0.84 U	<0.98 U	<0.35 U	5.6	NA
Naphthalene	91-20-3	12	12	100	mg/kg	0.051 J	<0.19 U	<0.18 U	0.71 J	8.7 J	0.49	<0.21 U	0.55	0.32 J	<0.19 U	<0.93 U	0.91 J	0.43	3.6 J	NA
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.19 U	<0.17 U	<0.16 U	<1.7 U	<14 U	<0.36 U	<0.19 U	<0.2 U	<0.33 U	<0.17 U	<0.84 U	<0.98 U	<0.35 U	<4.2 U	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.42 U	<0.38 U	<0.37 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.17 U	<0.15 U	<0.15 U	<1.5 U	<12 U	<0.32 U	<0.17 U	<0.18 U	<0.29 U	<0.15 U	<0.75 U	<0.87 U	<0.31 U	<3.8 U	NA
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.17 U	<0.15 U	<0.15 U	<1.5 U	<12 U	<0.32 U	<0.17 U	<0.18 U	<0.29 U	<0.15 U	<0.75 U	<0.87 U	<0.31 U	<3.8 U	NA
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	0.47	<0.11 U	<0.11 U	**5.9**	**310**	**3.8**	<0.13 U	**9.8**	**4.5**	<0.12 U	**24**	**9.1**	0.51	**120**	NA
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.21 U	<0.19 U	<0.18 U	<1.9 U	<16 U	<0.4 U	<0.21 U	<0.22 U	<0.36 U	<0.19 U	<0.93 U	<1.1 U	<0.39 U	<4.7 U	NA
Pyrene	129-00-0	**64**	1000	100	mg/kg	0.72	<0.11 U	<0.11 U	13	**420**	4.4	<0.13 U	12	6	<0.12 U	45	21	1.2	**150**	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_LB62_MW62DB	C241175_SB05	C241175_SB07	C241175_SB08	C241175_SB08	C241175_SB11	C241175_SB12	C241175_SB13	C241175_SB14	C241175_SB14	C241175_SB16	C241175_SB18	C241175_SB18
					Sample Name	C241175_LB62_10-12	C241175_LB62_24-25.5	C241175_LB62_28-30	SB05_7-8	SB07_2.5-3.5	SB08_3-4	SB08_20-21	SB11_2.5-3.5	SB12_2.5-3.5	SB13_3.5-4.5	SB14_6-7	SB14_9.5-10.5	SB16_5.5-6.5	SB18_2-3	C241175_SB18_E1_0-4
					Sample Date	12/01/2017	12/01/2017	12/01/2017	04/19/2015	04/19/2015	04/19/2015	04/19/2015	04/20/2015	04/21/2015	04/21/2015	04/21/2015	04/21/2015	04/22/2015	04/22/2015	10/05/2016
					Sample Depth	10-12	24-25.5	28-30	7-8	2-4	3-4	20-21	2-4	2-4	3-5	6-7	9-11	5-7	2-3	0-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																				
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides																				
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																				
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0399 U	<0.0357 U	<0.0361 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																				
Aluminum	7429-90-5	NS	NS	NS	mg/kg	4,040	3,270	2,180	3,400	9,300	3,000	NA	7,300	4,100	2,100	2,400	6,200	5,700	7,600	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	<5.05 U	<4.5 U	<4.28 U	<4.5 U	2.3 J	<4.7 U	NA	4.2 J	0.72 J	2.2 J	3.2 J	2.5 J	2.1 J	5.4	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	5.52	2.08	0.566 J	**14**	13	**18**	NA	**32**	**14**	4.6	**68**	**15**	5.7	7.6	NA
Barium	7440-39-3	**410**	820	410	mg/kg	181	14.3	4.88	43	200	290	NA	**670**	58	49	100	44	57	200	NA
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.222 J	0.234 J	0.12 J	0.21 J	0.56	0.24 J	NA	0.53	0.55	0.14 J	0.17 J	0.47 J	0.26 J	0.47	NA
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	<1.01 U	<0.9 U	<0.857 U	0.31 J	1.1	0.76 J	NA	**3.3**	**2.9**	0.12 J	0.38 J	0.07 J	0.38 J	1.4	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	20,000	477	1,410	4,400	31,000	5,900	NA	3,500	37,000	1,600	1,700	1,900	4,600	28,000	NA
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<1 UJ	<0.91 UJ	<0.9 UJ	<0.92 U	<0.94 U	<0.97 U	NA	<1.1 U	<0.89 U	<0.93 U	<0.91 U	<1.1 U	<0.95 U	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	8.66	7.19	4.62	12	29	12	NA	31	10	4.8	10	9.6	12	22	NA
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	8.7	7.2	4.6	12	29	12	NA	**31**	10	4.8	10	9.6	12	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	7.16	5.47	3.26	4.4	5.7	7.8	NA	6.4	9.7	3.2	4.5	6.6	5.6	4.8	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	34.8	6.88	4.53	29	**160**	**100**	NA	**180**	**56**	20	**91**	**130**	29	**140**	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	21,400	10,200	5,780	18,000	15,000	12,000	NA	41,000	12,000	3,400	12,000	27,000	18,000	12,000	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**99.8**	5.68	3.05 J	62	**18,000**	**320**	NA	**1,900**	**180**	21	**1,200**	**210**	**200**	**13,000**	**6,600**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,430	1,600	1,770	1,000	8,300	720	NA	1,300	710	570	510	740	1,900	5,200	NA
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	158	128	99	120	560	130	NA	240	310	58	160	240	250	380	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.42 J**	<0.07 UJ	<0.07 UJ	**0.28 J**	**1.1**	**1.6**	NA	**4.2**	**1.2 J**	0.03 J	**1.5**	0.12	**0.6**	0.05 J	NA
Nickel	7440-02-0	**30**	130	320	mg/kg	11.7	10.6	6.8	12	**32**	14	NA	18	8.4	8.6	9.4	13	10	24	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	743	386	251	580	970	650	NA	570	580	240	390	720	810	740	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	0.313 J	<1.8 U	<1.71 U	0.82 J	0.87 J	1.3 J	NA	2.6	0.91 J	0.78 J	1.2 J	1.3 J	0.28 J	0.73 J	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	<1.01 U	<0.9 U	<0.857 U	0.28 J	**4.7**	0.21 J	NA	0.93 J	<0.84 U	<0.89 U	<0.9 U	<1 U	<0.92 U	**3.8**	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	754	175 J	180	1,200	500	2,000	NA	640	520	750	150 J	210	310	350	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.02 U	<1.8 U	<1.71 U	<1.8 U	<1.8 U	<1.9 U	NA	<2 U	<1.7 U	<1.8 U	<1.8 U	<2.1 U	<1.8 U	<1.8 U	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	13.7	8.8	6.15	12	150	14	NA	49	10	6.7	12	14	17	100	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	47.5	22.7	14.2	**370**	**480**	**460**	NA	**590**	**220**	**110**	**400**	**160**	**110**	**440**	NA
General Chemistry																				
Total Solids	TSOLID	NS	NS	NS	PERCENT	79	87.7	88.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
					Sample Name	C241175_SB18_E2_0-4	C241175_SB18_N1_0-4	C241175_SB18_N2_0-4	C241175_SB18_S1_0-4	C241175_SB18_S2_0-4	C241175_SB18_W1_0-4	C241175_SB18_W2_0-4	C241175_SB18A_0-2	C241175_SB18A_2-4	C241175_SB18_E1_4-8	C241175_SB18_E2_4-8
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
					Sample Depth	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-2	2-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	67-66-3	0.37	0.37	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-Butylbenzene	98-06-6	11	11	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
					Sample Name	C241175_SB18_E2_0-4	C241175_SB18_N1_0-4	C241175_SB18_N2_0-4	C241175_SB18_S1_0-4	C241175_SB18_S2_0-4	C241175_SB18_W1_0-4	C241175_SB18_W2_0-4	C241175_SB18A_0-2	C241175_SB18A_2-4	C241175_SB18_E1_4-8	C241175_SB18_E2_4-8
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
					Sample Depth	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-2	2-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	**20**	98	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	100	365	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	100	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	**1**	1	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	86-73-7	**30**	386	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	108-95-2	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	**64**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
					Sample Name	C241175_SB18_E2_0-4	C241175_SB18_N1_0-4	C241175_SB18_N2_0-4	C241175_SB18_S1_0-4	C241175_SB18_S2_0-4	C241175_SB18_W1_0-4	C241175_SB18_W2_0-4	C241175_SB18A_0-2	C241175_SB18A_2-4	C241175_SB18_E1_4-8	C241175_SB18_E2_4-8
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
					Sample Depth	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-2	2-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides																
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**410**	820	410	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440-41-7	4.4	47	43	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**68**	**950**	**2,600**	**14,000**	**6,600**	**7,500**	**7,600**	**1,200 J**	**6,900**	51	**2,400**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	7440-02-0	**30**	130	320	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry																
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB20	C241175_SB21	C241175_SB21	C241175_SB22
					Sample Name	C241175_SB18_N1_4-8	C241175_SB18_N2_4-8	C241175_SB18_S1_4-8	C241175_SB18_S2_4-8	C241175_SB18_W1_4-8	C241175_SB18_W2_4-8	C241175_SB18A_4-6	C241175_SB18A_6-8	SB-20_4.5-5.5	SB-21_3.5-4.5	SB-21_12-13	SB-22_3.5-4.5
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	05/27/2015	05/27/2015	05/27/2015	05/28/2015
					Sample Depth	4-8	4-8	4-8	4-8	4-8	4-8	4-6	6-8	4-6	3-5	12-13	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0033 U	<0.0028 U	<0.0022 U	<0.0021 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0033 U	<0.0028 U	<0.0022 U	<0.0021 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0076 U	0.014	<0.0057 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0076 U	<0.0058 U	<0.0057 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	0.0019 J	0.002 J	<0.0072 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0077 U	<0.0067 U	<0.005 U	<0.005 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0076 U	0.00075 J	<0.0057 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.22 U	<0.19 U	<0.14 U	<0.14 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0076 U	<0.0058 U	<0.0057 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	0.016 J	**0.031**	<0.014 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0076 U	<0.0058 U	<0.0057 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	0.0047 J	<0.014 U
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	0.00093 J	<0.0014 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0033 U	<0.0028 U	<0.0022 U	<0.0021 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	0.0018	<0.0014 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	0.00092 J	<0.0029 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	0.032	<0.014 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	0.0053 J	<0.0072 U
n-Butylbenzene	104-51-8	18	18	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0033 U	<0.0028 U	0.0014 J	<0.0021 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	0.00092 J	<0.0029 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0033 U	<0.0028 U	<0.0022 U	<0.0021 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0019 U	<0.0014 U	<0.0014 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0095 U	<0.0072 U	<0.0072 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.022 U	<0.019 U	<0.014 U	<0.014 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0038 U	<0.0029 U	<0.0029 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB20	C241175_SB21	C241175_SB21	C241175_SB22
					Sample Name	C241175_SB18_N1_4-8	C241175_SB18_N2_4-8	C241175_SB18_S1_4-8	C241175_SB18_S2_4-8	C241175_SB18_W1_4-8	C241175_SB18_W2_4-8	C241175_SB18A_4-6	C241175_SB18A_6-8	SB-20_4.5-5.5	SB-21_3.5-4.5	SB-21_12-13	SB-22_3.5-4.5
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	05/27/2015	05/27/2015	05/27/2015	05/28/2015
					Sample Depth	4-8	4-8	4-8	4-8	4-8	4-8	4-6	6-8	4-6	3-5	12-13	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	0.14 J	<0.24 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	**22**	0.62	<0.18 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	0.98	<0.24 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	**6**	0.25	<0.18 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.12 U	<0.15 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.18 U	<0.22 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.94 U	<0.96 U	<1.2 U	<0.86 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.083 J	0.067 J	0.58	<0.22 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.42 U	<0.43 U	<0.52 U	<0.39 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.28 U	<0.29 U	<0.35 U	<0.26 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.51 U	<0.52 U	<0.63 U	<0.47 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.28 U	<0.28 U	<0.34 U	<0.25 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	0.056 J	1.3	<0.14 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.16 U	<0.19 U	0.084 J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Anthracene	120-12-7	100	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.11 J	0.16	0.71	0.057 J
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.82	0.62	**3.9**	0.59
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.8	0.57	**8**	**1.1**
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.63	0.51	**7.7**	**1.4**
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**0.89**	0.6	**6**	**1.4**
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.22	0.22	**3.4**	0.42
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.64 UJ	<0.65 UJ	<0.79 UJ	<0.58 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.45 U	<0.46 U	<0.56 U	<0.41 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.21 U	<0.22 U	<0.26 U	<0.19 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.18 U	<0.22 U	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.24 U	<0.24 U	<0.29 U	<0.22 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.99	0.76	**3.8**	0.63
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.21	0.16	**1.6**	0.27
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	0.17 J	<0.18 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.4	0.57	3.5	0.59
Fluorene	86-73-7	**30**	386	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	0.5	<0.18 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.12 U	<0.15 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.56 U	<0.57 U	<0.7 U	<0.51 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.16 U	<0.19 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.49	0.38	**7.3**	**1.3**
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.18 U	<0.22 U	<0.16 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.12 J	0.1 J	7.1	<0.18 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.18 U	<0.22 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.16 U	<0.19 U	<0.14 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.16 U	<0.19 U	<0.14 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.3	0.51	**1.9**	0.15
Phenol	108-95-2	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.24 U	<0.18 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.84	0.7	3.1	0.62

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB20	C241175_SB21	C241175_SB21	C241175_SB22
					Sample Name	C241175_SB18_N1_4-8	C241175_SB18_N2_4-8	C241175_SB18_S1_4-8	C241175_SB18_S2_4-8	C241175_SB18_W1_4-8	C241175_SB18_W2_4-8	C241175_SB18A_4-6	C241175_SB18A_6-8	SB-20_4.5-5.5	SB-21_3.5-4.5	SB-21_12-13	SB-22_3.5-4.5
					Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	05/27/2015	05/27/2015	05/27/2015	05/28/2015
					Sample Depth	4-8	4-8	4-8	4-8	4-8	4-8	4-6	6-8	4-6	3-5	12-13	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																	
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides																	
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																	
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																	
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2,600	2,400	5,100	4,000
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<4.6 U	<4.8 U	<5.9 U	0.99 J
Arsenic	7440-38-2	**13**	16	16	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	8	7.7	3.7	8.1
Barium	7440-39-3	**410**	820	410	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	36	44	45	62 J
Beryllium	7440-41-7	4.4	47	43	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.18 J	0.28 J	0.24 J	0.28 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.92 U	<0.96 U	<1.2 U	0.29 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2,100	2,600	7,300	3,500 J
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.4 J	<0.98 U	<1.2 U	<0.87 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	6.4	6.5	13	15 J
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	6 J	6.5	13	15
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	5.5	10	4.9	4.7
Copper	7440-50-8	**50**	1720	280	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	29	30	20	31
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	8,700	9,300	14,000	11,000
Lead	7439-92-1	**63**	450	400	mg/kg	22	**1,800**	**4,400**	**350**	**2,000**	**92**	**4,300**	7.1	41	13	**72**	**240 J**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	730	540	1,900	1,600 J
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	120	140	190	250 J
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	0.04 J	**0.47**	**1.7 J**
Nickel	7440-02-0	**30**	130	320	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	11	11	12	9.8
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	460	420	770	690 J
Selenium	7782-49-2	3.9	4	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.1 J	1.4 J	<2.4 U	0.59 J
Silver	7440-22-4	**2**	8.3	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.92 U	<0.96 U	<1.2 U	<0.86 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1,300	860	540	290
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<1.9 U	<2.4 U	<1.7 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	11	9.2	16	16 J
Zinc	7440-66-6	**109**	2480	6600	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	54	43	51	**300 J**
General Chemistry																	
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22
					Sample Name	SB-22_9-10	DUP01_052815	C241175_SB22_E1_4-8	C241175_SB22_E1_8-12	C241175_SODUP05_101716	C241175_SB22_W1_4-8	C241175_SB22_W1_8-12	C241175_SB22_N1_4-8	C241175_SB22_S1_4-8	C241175_SB22_N1_8-12	C241175_SB22_S1_8-12
					Sample Date	05/28/2015	05/28/2015	10/17/2016	10/17/2016	10/17/2016	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016
					Sample Depth	9-10	9-10	4-8	8-12	8-12	4-8	8-12	4-8	4-8	8-12	8-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.16 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	<0.16 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.43 U	0.051 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.43 U	<0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.37 U	<0.42 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.43 U	<0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	<11 U	<12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.43 U	<0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.43 U	<0.48 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	67-66-3	0.37	0.37	24	mg/kg	<0.16 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
T-Butylbenzene	98-06-6	11	11	100	mg/kg	0.15 J	0.17 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	<0.16 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.16 U	<0.18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	<0.11 U	<0.12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.54 U	<0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<1.1 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	<0.21 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22
					Sample Name	SB-22_9-10	DUP01_052815	C241175_SB22_E1_4-8	C241175_SB22_E1_8-12	C241175_SODUP05_101716	C241175_SB22_W1_4-8	C241175_SB22_W1_8-12	C241175_SB22_N1_4-8	C241175_SB22_S1_4-8	C241175_SB22_N1_8-12	C241175_SB22_S1_8-12
					Sample Date	05/28/2015	05/28/2015	10/17/2016	10/17/2016	10/17/2016	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016
					Sample Depth	9-10	9-10	4-8	8-12	8-12	4-8	8-12	4-8	4-8	8-12	8-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.15 U	<0.16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.23 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<1.2 U	<1.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.29 J	0.19 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.55 U	<0.58 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	<0.37 U	<0.39 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.66 U	<0.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.36 U	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	**20**	98	100	mg/kg	2.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	100	365	100	mg/kg	0.25	0.21 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	100	1000	100	mg/kg	2.6	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	**15**	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**36**	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	**32**	**22**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	**29**	**20**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	**8.8**	**7.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.82 U	<0.87 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.58 U	<0.61 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.27 U	<0.29 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.23 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.3 UJ	<0.32 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	1.3	0.89	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	**1**	1	4.9	mg/kg	**13**	**9.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**5.8**	**5.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	0.45	0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	15	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	86-73-7	**30**	386	100	mg/kg	0.91	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	<0.15 U	<0.16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.73 U	<0.77 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.2 U	<0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	**35**	**25**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.23 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	0.64	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	<0.23 U	<0.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.2 U	<0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	<0.2 U	<0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	**5.7**	**4.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.25 U	<0.27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	**64**	1000	100	mg/kg	15	10	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22
					Sample Name	SB-22_9-10	DUP01_052815	C241175_SB22_E1_4-8	C241175_SB22_E1_8-12	C241175_SODUP05_101716	C241175_SB22_W1_4-8	C241175_SB22_W1_8-12	C241175_SB22_N1_4-8	C241175_SB22_S1_4-8	C241175_SB22_N1_8-12	C241175_SB22_S1_8-12
					Sample Date	05/28/2015	05/28/2015	10/17/2016	10/17/2016	10/17/2016	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016
					Sample Depth	9-10	9-10	4-8	8-12	8-12	4-8	8-12	4-8	4-8	8-12	8-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides																
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	7429-90-5	NS	NS	NS	mg/kg	6,200	5,900	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	1.1 J	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	**24**	**20**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**410**	820	410	mg/kg	**850 J**	**2,100 J**	140	68 J	110 J	310	150	260	**2,200**	51	68
Beryllium	7440-41-7	4.4	47	43	mg/kg	0.7	0.72	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	**2.8**	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	3,900	4,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	<1.2 U	<1.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	20	17	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	20	17	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	13	11	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	**120**	**120**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	17,000	19,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**220**	**190**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,100	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	160	190	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	**0.61**	**0.53**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	7440-02-0	**30**	130	320	mg/kg	18	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	760	720	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	<1.2 U	<1.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	320	350	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.3 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	20	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	**430**	**350**	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry																
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
					Sample Name	C241175_SB22A_4-6	C241175_SB22A_6-8	C241175_SB22A_8-10	C241175_SB22A_10-12	SB-23_4.5-5.5	SB-23_8-9	C241175_SB23_E1_0-4	C241175_SB23_S1_0-4	C241175_SB23_W1_0-4	C241175_SB23_E1_4-8	C241175_SB23_S1_4-8
					Sample Date	11/12/2016	11/12/2016	11/12/2016	11/12/2016	05/28/2015	05/28/2015	11/12/2016	11/12/2016	11/12/2016	11/12/2016	11/12/2016
					Sample Depth	4-6	6-8	8-10	10-12	4-6	8-9	0-4	0-4	0-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0017 U	<1.2 U	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	NA	NA	NA	NA	<0.0017 U	<1.2 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.00025 J	7.2	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	NA	NA	NA	NA	<0.0058 U	**7.4**	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0046 U	<3.3 U	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.004 U	<2.9 U	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	NA	NA	NA	NA	<0.0058 U	**6.6**	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0046 U	7.3	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	<0.12 U	<84 U	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0046 U	7.2	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	NA	NA	NA	NA	**0.2**	<8.4 U	NA	NA	NA	NA	NA
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	NA	NA	NA	NA	<0.0012 U	**1.4**	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0046 U	<3.3 U	NA	NA	NA	NA	NA
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0023 U	<1.7 U	NA	NA	NA	NA	NA
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0023 U	<1.7 U	NA	NA	NA	NA	NA
Chloroform	67-66-3	0.37	0.37	24	mg/kg	NA	NA	NA	NA	<0.0017 U	<1.2 U	NA	NA	NA	NA	NA
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	1.7	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	NA	NA	NA	NA	<0.0012 U	**6.1**	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	1.5	NA	NA	NA	NA	NA
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0023 U	12	NA	NA	NA	NA	NA
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	NA	NA	NA	NA	0.033	<8.4 U	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	<0.0058 U	1.3 J	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	18	18	100	mg/kg	NA	NA	NA	NA	<0.0012 U	1.6	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	NA	NA	NA	NA	<0.0012 U	1.8	NA	NA	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0023 U	2.7	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	NA	NA	NA	NA	<0.0012 U	1.5	NA	NA	NA	NA	NA
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0023 U	<1.7 U	NA	NA	NA	NA	NA
T-Butylbenzene	98-06-6	11	11	100	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	NA	NA	NA	NA	<0.0023 U	<1.7 U	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	NA	NA	NA	NA	<0.0017 U	**5.2**	NA	NA	NA	NA	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	NA	NA	NA	NA	<0.0023 U	**15**	NA	NA	NA	NA	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	110	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	NA	NA	NA	NA	<0.0017 U	<1.2 U	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0012 U	110	NA	NA	NA	NA	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	NA	NA	NA	NA	<0.0012 U	<0.84 U	NA	NA	NA	NA	NA
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.0058 U	<4.2 U	NA	NA	NA	NA	NA
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.012 U	<8.4 U	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	NA	NA	NA	NA	<0.0023 U	<1.7 U	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
					Sample Name	C241175_SB22A_4-6	C241175_SB22A_6-8	C241175_SB22A_8-10	C241175_SB22A_10-12	SB-23_4.5-5.5	SB-23_8-9	C241175_SB23_E1_0-4	C241175_SB23_S1_0-4	C241175_SB23_W1_0-4	C241175_SB23_E1_4-8	C241175_SB23_S1_4-8
					Sample Date	11/12/2016	11/12/2016	11/12/2016	11/12/2016	05/28/2015	05/28/2015	11/12/2016	11/12/2016	11/12/2016	11/12/2016	11/12/2016
					Sample Depth	4-6	6-8	8-10	10-12	4-6	8-9	0-4	0-4	0-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.12 U	<0.24 U	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.18 U	<0.36 U	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.95 U	<1.9 U	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.35	<0.48 U	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.43 U	<0.86 U	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	0.11 J	<0.57 U	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.52 U	<1 U	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.28 U	<0.56 U	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	**20**	98	100	mg/kg	NA	NA	NA	NA	0.16	<0.32 U	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	100	365	100	mg/kg	NA	NA	NA	NA	0.27	<0.32 U	NA	NA	NA	NA	NA
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Anthracene	120-12-7	100	1000	100	mg/kg	NA	NA	NA	NA	0.52	<0.24 U	NA	NA	NA	NA	NA
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	NA	NA	NA	NA	**3.2**	0.48	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	NA	NA	NA	NA	**5.4**	0.59	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	NA	NA	NA	NA	**3.6**	0.7	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	NA	NA	NA	NA	**2**	0.37	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	NA	NA	NA	NA	**1.1**	0.23 J	NA	NA	NA	NA	NA
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.3 J	<1.3 U	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.1 J	<0.91 U	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.21 U	<0.43 U	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.18 U	<0.36 U	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.24 UJ	<0.48 UJ	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.19 J	<0.4 U	NA	NA	NA	NA	NA
Chrysene	218-01-9	**1**	1	4.9	mg/kg	NA	NA	NA	NA	**3.2**	0.59	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	NA	NA	NA	NA	**1.1**	<0.24 U	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	NA	NA	NA	NA	0.24	<0.4 U	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	NA	NA	NA	NA	3.6	0.98	NA	NA	NA	NA	NA
Fluorene	86-73-7	**30**	386	100	mg/kg	NA	NA	NA	NA	0.23	<0.4 U	NA	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	NA	NA	NA	NA	<0.12 U	<0.24 U	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.57 U	<1.1 U	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.16 U	<0.32 U	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	NA	NA	NA	NA	**2.1**	0.42	NA	NA	NA	NA	NA
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.18 U	<0.36 U	NA	NA	NA	NA	NA
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	0.61	<0.4 U	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	NA	NA	NA	NA	<0.18 U	<0.36 U	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	<0.16 U	<0.32 U	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	NA	NA	NA	NA	<0.16 U	<0.32 U	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	NA	NA	NA	NA	**2.3**	1	NA	NA	NA	NA	NA
Phenol	108-95-2	0.33	0.33	100	mg/kg	NA	NA	NA	NA	<0.2 U	<0.4 U	NA	NA	NA	NA	NA
Pyrene	129-00-0	**64**	1000	100	mg/kg	NA	NA	NA	NA	3.2	0.84	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
					Sample Name	C241175_SB22A_4-6	C241175_SB22A_6-8	C241175_SB22A_8-10	C241175_SB22A_10-12	SB-23_4.5-5.5	SB-23_8-9	C241175_SB23_E1_0-4	C241175_SB23_S1_0-4	C241175_SB23_W1_0-4	C241175_SB23_E1_4-8	C241175_SB23_S1_4-8
					Sample Date	11/12/2016	11/12/2016	11/12/2016	11/12/2016	05/28/2015	05/28/2015	11/12/2016	11/12/2016	11/12/2016	11/12/2016	11/12/2016
					Sample Depth	4-6	6-8	8-10	10-12	4-6	8-9	0-4	0-4	0-4	4-8	4-8
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides																
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	2,200	1,400	NA	NA	NA	NA	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	7.3	1,100	NA	NA	NA	NA	NA
Arsenic	7440-38-2	**13**	16	16	mg/kg	NA	NA	NA	NA	**18**	**92**	NA	NA	NA	NA	NA
Barium	7440-39-3	**410**	820	410	mg/kg	44	**1,600**	82	23	**890**	140	NA	NA	NA	NA	NA
Beryllium	7440-41-7	4.4	47	43	mg/kg	NA	NA	NA	NA	0.19 J	0.14 J	NA	NA	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	NA	NA	NA	NA	**3.8**	<0.92 U	NA	NA	NA	NA	NA
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	1,900	4,700	NA	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	NA	NA	NA	NA	<0.96 U	<0.96 U	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	10	5.5	NA	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	NA	NA	NA	NA	10	5.5	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	3.6	3.8	NA	NA	NA	NA	NA
Copper	7440-50-8	**50**	1720	280	mg/kg	NA	NA	NA	NA	**57**	**99**	NA	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	16,000	79,000	NA	NA	NA	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	NA	NA	NA	NA	**1,400**	**930**	38	**70**	**130**	**580 J**	**8,300**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	520	1,100	NA	NA	NA	NA	NA
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	NA	NA	NA	NA	130	100	NA	NA	NA	NA	NA
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	NA	NA	NA	NA	**2.6**	**14**	NA	NA	NA	NA	NA
Nickel	7440-02-0	**30**	130	320	mg/kg	NA	NA	NA	NA	7.7	6.2	NA	NA	NA	NA	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	920	490	NA	NA	NA	NA	NA
Selenium	7782-49-2	3.9	4	110	mg/kg	NA	NA	NA	NA	1.5 J	<1.8 U	NA	NA	NA	NA	NA
Silver	7440-22-4	**2**	8.3	110	mg/kg	NA	NA	NA	NA	<0.92 U	<0.92 U	NA	NA	NA	NA	NA
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	200	340	NA	NA	NA	NA	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	<1.8 U	<1.8 U	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	11	4.3	NA	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	6600	mg/kg	NA	NA	NA	NA	**2,400**	64	NA	NA	NA	NA	NA
General Chemistry																
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23A	C241175_SB23A
					Sample Name	C241175_SB23_W1_4-8	C241175_SODUP08_111216	C241175_SB23_N1_0-4	C241175_SB23_N1_4-8	C241175_SB23_N2_4-8	C241175_SB23_S2_4-8	C241175_SB23_W2_4-8	C241175_SODUP09_111316	C241175_SB23A_9-10	C241175_SB23A_14-15
					Sample Date	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/12/2016	11/12/2016
					Sample Depth	4-8	4-8	0-4	4-8	4-8	4-8	4-8	4-8	9-10	14-15
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1.6 U	<0.022 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.0017 U
1,1-Dichloroethane	75-34-3	0.27	0.27	47	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.0017 U
1,1-Dichloroethene	75-35-4	0.24	0.33	0.98	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	3.8 J	0.0019 J
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,2,4-Trimethylbenzene	95-63-6	**5.9**	5.9	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**11 J**	0.0007 J
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.33 U	<0.0044 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,2-Dichloroethane	107-06-2	0.02	0.02	5.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.28 U	<0.0039 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**3.1**	3.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**8.7 J**	<0.0055 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	6.7 J	<0.0044 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	5.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<8.2 U	<0.11 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	4.7 J	<0.0044 U
Acetone	67-64-1	**0.03**	0.03	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**2.3 J**	0.007 J
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<2 U	<0.028 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Benzene	71-43-2	**0.06**	0.06	3.7	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**0.5 J**	<0.0011 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.33 U	<0.0044 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.0022 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	0.0015 J
Carbon Tetrachloride	56-23-5	0.76	0.76	7.1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Chlorobenzene	108-90-7	4.5	4.5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.0022 U
Chloroform	67-66-3	0.37	0.37	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.0017 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Cis-1,2-Dichloroethene	156-59-2	0.19	0.19	41	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1 J	<0.022 U
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1 J	<0.0011 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Ethylbenzene	100-41-4	**1**	1	76	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**1.4 J**	<0.0011 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.7 J	<0.0011 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	3.6 J	<0.0022 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1.6 U	<0.022 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.1**	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	4.4 J	0.0014 J
Methylene Chloride	75-09-2	**0.05**	0.05	81	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2.1 J	0.0014 J
n-Butylbenzene	104-51-8	18	18	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.5 J	<0.0011 U
n-Propylbenzene	103-65-1	**5**	5	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.96 J	<0.0011 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.4 J	<0.0022 U
Sec-Butylbenzene	135-98-8	25	25	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.85 J	<0.0011 U
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.0022 U
T-Butylbenzene	98-06-6	11	11	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<4.9 U	<0.066 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	0.1	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.018 J	0.00082 J
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Toluene	108-88-3	**0.7**	0.7	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**1.4 J**	0.0022
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	1.2	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**5 J**	<0.0022 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	<0.0017 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Trichloroethene (TCE)	79-01-6	**0.47**	0.47	6.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.082 U	<0.0011 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.41 U	<0.0055 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.82 U	<0.011 U
Vinyl Chloride	75-01-4	0.03	0.03	0.48	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.16 U	<0.0022 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23A	C241175_SB23A
					Sample Name	C241175_SB23_W1_4-8	C241175_SODUP08_111216	C241175_SB23_N1_0-4	C241175_SB23_N1_4-8	C241175_SB23_N2_4-8	C241175_SB23_S2_4-8	C241175_SB23_W2_4-8	C241175_SODUP09_111316	C241175_SB23A_9-10	C241175_SB23A_14-15
					Sample Date	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/12/2016	11/12/2016
					Sample Depth	4-8	4-8	0-4	4-8	4-8	4-8	4-8	4-8	9-10	14-15
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
1,2-Dichlorobenzene	95-50-1	**1.1**	1.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
1,3-Dichlorobenzene	541-73-1	2.6	2.6	38	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
1,4-Dichlorobenzene	106-46-7	**1.8**	1.8	24	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2,2-Oxybis(2-Chloropropane)	39638-32-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<8.7 U	<0.13 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<13 U	<0.19 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<70 U	<1 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	3.2 J	<0.26 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<31 U	<0.46 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<21 U	<0.31 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
3-Methylphenol (m-Cresol)	108-39-4	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<38 U	<0.56 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 UJ	<0.21 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<20 U	<0.3 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Acenaphthylene	208-96-8	100	365	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Anthracene	120-12-7	100	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	5.2 J	<0.13 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Azobenzene	103-33-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<19 U	<0.28 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<48 U	<0.7 U
Benzo(a)anthracene	56-55-3	**1**	1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**16**	<0.13 U
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**28**	<0.17 U
Benzo(b)fluoranthene	205-99-2	**1**	2.1	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**29**	<0.13 U
Benzo(g,h,i)Perylene	191-24-2	**0.64**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**18**	<0.17 U
Benzo(k)fluoranthene	207-08-9	**0.8**	2	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**9.4**	<0.13 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<47 U	<0.69 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<33 U	<0.49 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<16 U	<0.23 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<13 U	<0.19 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<17 U	<0.26 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Chrysene	218-01-9	**1**	1	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**18**	<0.13 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**4.1 J**	<0.13 U
Dibenzofuran	132-64-9	**2.1**	110	18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.7 J	<0.21 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Fluoranthene	206-44-0	**85**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	23	<0.13 U
Fluorene	86-73-7	**30**	386	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2.1 J	<0.21 U
Hexachlorobenzene	118-74-1	0.33	3.2	0.33	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<8.7 U	<0.13 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<42 U	<0.61 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	6.6	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**19**	<0.17 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<13 U	<0.19 U
Naphthalene	91-20-3	12	12	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	3 J	<0.21 U
Nitrobenzene	98-95-3	0.08	0.08	1.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<13 U	<0.19 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<29 U	<0.43 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<12 U	<0.17 U
Phenanthrene	85-01-8	**1.1**	1000	4.9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**19**	<0.13 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<14 U	<0.21 U
Pyrene	129-00-0	**64**	1000	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	19	<0.13 U

Table 4A
BCP Amendment Application
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23A	C241175_SB23A
					Sample Name	C241175_SB23_W1_4-8	C241175_SODUP08_111216	C241175_SB23_N1_0-4	C241175_SB23_N1_4-8	C241175_SB23_N2_4-8	C241175_SB23_S2_4-8	C241175_SB23_W2_4-8	C241175_SODUP09_111316	C241175_SB23A_9-10	C241175_SB23A_14-15
					Sample Date	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/12/2016	11/12/2016
					Sample Depth	4-8	4-8	0-4	4-8	4-8	4-8	4-8	4-8	9-10	14-15
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	**0.0033**	14	5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	**0.0033**	9.3	3.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	**0.0033**	135	3.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.0048	0.19	0.044	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	**0.014**	4.5	0.65	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	4.3	65	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.021	0.09	0.18	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	4.3	44	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.1	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.005	0.1	0.075	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	4.3	47	35	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.014	0.06	5.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.025	0.05	0.21	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	**0.013**	0.38	0.53	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 U	<0.0421 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 U	<0.0421 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 U	<0.0421 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 U	<0.0421 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0421 UJ	<0.0421 U
Metals															
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	890	7,000
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	20	<4.9 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**54**	1.2
Barium	7440-39-3	**410**	820	410	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	110	23
Beryllium	7440-41-7	4.4	47	43	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.04 J	0.21 J
Cadmium	7440-43-9	**2.5**	7.5	2.5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1 U	<0.99 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1,700	570
Chromium, Hexavalent	18540-29-9	1	19	1	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1 U	<1 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.7	10
Chromium, Trivalent	16065-83-1	**30**	NS	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.7	10
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	0.92 J	3.9
Copper	7440-50-8	**50**	1720	280	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**55**	7.9
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2,800	10,000
Lead	7439-92-1	**63**	450	400	mg/kg	**7,400**	**1,300 J**	**220**	**2,800 J**	**2,200**	**4,200**	**1,400**	**640 J**	**860**	6.9
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	78	2,600
Manganese	7439-96-5	**1600**	2000	2000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	8.3	71
Mercury	7439-97-6	**0.18**	0.73	0.3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	**1.3**	<0.08 U
Nickel	7440-02-0	**30**	130	320	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	1.5 J	12
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	310	670
Selenium	7782-49-2	3.9	4	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<2 U	<2 U
Silver	7440-22-4	**2**	8.3	110	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<1 U	<0.99 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	200	120 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<2 U	<2 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2.6	10
Zinc	7440-66-6	**109**	2480	6600	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	2.2 J	32
General Chemistry															
Total Solids	TSOLID	NS	NS	NS	PERCENT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1A
BCP Application to Amend Brownfield Cleanup Agreement and Amendment
Soil Sample Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO) (December 2025).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use, Restricted Use Restricted-Residential, and Protection of Groundwater Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

I - The lower value for the two columns has been reported due to obvious interference.

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.

R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

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

UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB05	C241175_SB07	C241175_SB08	C241175_SB11	C241175_SB12	C241175_SB13	C241175_SB14	C241175_SB14	C241175_SB16	C241175_SB18	C241175_SB18
			Sample Name	SB05_7-8	SB07_2.5-3.5	SB08_3-4	SB11_2.5-3.5	SB12_2.5-3.5	SB13_3.5-4.5	SB14_6-7	SB14_9.5-10.5	SB16_5.5-6.5	SB18_2-3	C241175_SB18_E1_0-4
			Sample Date	04/19/2015	04/19/2015	04/19/2015	04/20/2015	04/21/2015	04/21/2015	04/21/2015	04/21/2015	04/22/2015	04/22/2015	10/05/2016
			Sample Depth	7-8	2-4	3-4	2-4	2-4	3-5	6-7	9-11	5-7	2-3	0-4
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals														
Arsenic	7440-38-2	5	mg/l	<1 U	<1 U	<1 U	<1 U	0.03 J	<1 U	0.04 J	<1 U	<1 U	<1 U	NA
Barium	7440-39-3	**100**	mg/l	0.24 J	0.69	0.48 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.34 J	0.63	NA
Cadmium	7440-43-9	1	mg/l	0.01 J	0.02 J	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.01 J	NA
Chromium, Total	7440-47-3	5	mg/l	<0.2 U	<0.2 U	<0.2 U	0.02 J	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA
Lead	7439-92-1	**5**	mg/l	0.03 J	**370**	0.06 J	0.32 J	1.4	<0.5 U	0.19 J	1.8	0.14 J	**180**	**5.6**
Mercury	7439-97-6	0.2	mg/l	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.0004 J	<0.001 U	<0.001 U	<0.0025 U	<0.0025 U	NA
Selenium	7782-49-2	1	mg/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA
Silver	7440-22-4	5	mg/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
			Sample Name	C241175_SB18_E2_0-4	C241175_SB18_N1_0-4	C241175_SB18_N2_0-4	C241175_SB18_S1_0-4	C241175_SB18_S2_0-4	C241175_SB18_W1_0-4	C241175_SB18_W2_0-4	C241175_SB18A_0-2	C241175_SB18A_2-4
			Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
			Sample Depth	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-2	2-4
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals												
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**100**	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**5**	mg/l	1	**10**	**89**	**62**	**72**	**22**	**41**	**400**	0.56
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18	C241175_SB18
			Sample Name	C241175_SB18_E1_4-8	C241175_SB18_E2_4-8	C241175_SB18_N1_4-8	C241175_SB18_N2_4-8	C241175_SB18_S1_4-8	C241175_SB18_S2_4-8	C241175_SB18_W1_4-8	C241175_SB18_W2_4-8
			Sample Date	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
			Sample Depth	4-8	4-8	4-8	4-8	4-8	4-8	4-8	4-8
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Metals											
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**100**	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**5**	mg/l	0.3 J	3.9	0.36 J	**23**	**11**	**7.8**	**5.5**	**13**
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB18	C241175_SB18	C241175_SB20	C241175_SB21	C241175_SB21	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22
			Sample Name	C241175_SB18A_4-6	C241175_SB18A_6-8	SB-20_4.5-5.5	SB-21_3.5-4.5	SB-21_12-13	SB-22_3.5-4.5	SB-22_9-10	DUP01_052815	C241175_SB22_E1_4-8	C241175_SB22_E1_8-12
			Sample Date	10/05/2016	10/05/2016	05/27/2015	05/27/2015	05/27/2015	05/28/2015	05/28/2015	05/28/2015	10/17/2016	10/17/2016
			Sample Depth	4-6	6-8	4-6	3-5	12-13	3-5	9-10	9-10	4-8	8-12
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals													
Arsenic	7440-38-2	5	mg/l	NA	NA	<1 U	<1 U	<1 U	<1 UJ	<1 U	<1 U	NA	NA
Barium	7440-39-3	**100**	mg/l	NA	NA	0.14 J	0.18 J	0.4 J	0.31 J	37	**130**	1.2	1.2
Cadmium	7440-43-9	1	mg/l	NA	NA	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.02 J	0.03 J	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.02 J	NA	NA
Lead	7439-92-1	**5**	mg/l	**7.6**	<0.5 U	<0.5 U	<0.5 U	0.18 J	0.06 J	0.16 J	0.3 J	NA	NA
Mercury	7439-97-6	0.2	mg/l	NA	NA	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	0.04 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22	C241175_SB22A
			Sample Name	C241175_SODUP05_101716	C241175_SB22_W1_4-8	C241175_SB22_W1_8-12	C241175_SB22_N1_4-8	C241175_SB22_S1_4-8	C241175_SB22_N1_8-12	C241175_SB22_S1_8-12	C241175_SB22A_4-6
			Sample Date	10/17/2016	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/12/2016
			Sample Depth	8-12	4-8	8-12	4-8	4-8	8-12	8-12	4-6
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Metals											
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**100**	mg/l	0.6	0.29 J	0.34 J	0.39 J	**480**	0.14 J	0.35 J	0.2 J
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**5**	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB22A	C241175_SB22A	C241175_SB22A	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
			Sample Name	C241175_SB22A_6-8	C241175_SB22A_8-10	C241175_SB22A_10-12	SB-23_4.5-5.5	SB-23_8-9	C241175_SB23_E1_0-4	C241175_SB23_S1_0-4	C241175_SB23_W1_0-4	C241175_SB23_E1_4-8	C241175_SB23_S1_4-8
			Sample Date	11/12/2016	11/12/2016	11/12/2016	05/28/2015	05/28/2015	11/12/2016	11/12/2016	11/12/2016	11/12/2016	11/12/2016
			Sample Depth	6-8	8-10	10-12	4-6	8-9	0-4	0-4	0-4	4-8	4-8
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals													
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	<1 U	<1 U	NA	NA	NA	NA	NA
Barium	7440-39-3	**100**	mg/l	0.67	0.24 J	0.46 J	2.1	0.41 J	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	0.02 J	<0.1 U	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	<0.2 U	<0.2 U	NA	NA	NA	NA	NA
Lead	7439-92-1	**5**	mg/l	NA	NA	NA	**14**	<0.5 U	<0.5 U	3.4	<0.5 U	2.3	**41 J**
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	<0.001 U	<0.001 U	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	<0.5 U	<0.5 U	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	<0.1 U	<0.1 U	NA	NA	NA	NA	NA

Table 4B
BCP Amendment Application
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23	C241175_SB23
			Sample Name	C241175_SB23_W1_4-8	C241175_SODUP08_111216	C241175_SB23_N1_0-4	C241175_SB23_N1_4-8	C241175_SB23_N2_4-8	C241175_SB23_S2_4-8	C241175_SB23_W2_4-8	C241175_SODUP09_111316
			Sample Date	11/12/2016	11/12/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016	11/13/2016
			Sample Depth	4-8	4-8	0-4	4-8	4-8	4-8	4-8	4-8
			Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Metals											
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	**100**	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**5**	mg/l	**6**	3.6	0.03 J	**6.5**	**28**	**6.8**	4.6	**6.3**
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
BCP Application to Amend Brownfield Cleanup Agreement and Amendment
Soil Sample Analytical Results - TCLP Metals

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Notes:

TCLP - Toxicity Characteristic Leaching Procedure
CAS - Chemical Abstract Service
NS - No standard
mg/l - milligram per liter
mg/kg - milligram per kilogram
deg C - degrees Celsius
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Grab soil sample analytical results are compared to the 6 New York Codes, Rules and Regulations (NYCRR) Part 371.3 and 40 CFR 261 Subpart C and Table 1 of 40 CFR 261.24 - Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste.

Qualifiers:

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

UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds the RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW20DB	C241175_MW20S	C241175_LB24_MW24D	C241175_MW24S	C241175_LB25_MW25D	C241175_MW25D		C241175_MW25D(DS)	C241175_MW25S		
			Sample Name	C241175_MW20DB_110817	C241175_MW20S_110817	C241175_MW24D_101716	C241175_MW24S_101916	C241175_MW25D_101316	C241175_MW25D_021921	C241175_MW25D_092221	C241175_MW25D(DS)_092221	C241175_MW25S_101316	C241175_MW25S_021921	C241175_MW25S_092221
			Sample Date	11/08/2017	11/08/2017	10/17/2016	10/19/2016	10/13/2016	02/19/2021	09/22/2021	09/22/2021	10/13/2016	02/19/2021	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 UJ	<20 UJ	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	<2.5 U	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<60 U	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	NA	<1.5 U	NA	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	**26 J**	2.4	0.74 J	<2 U	NA	1 J	NA	1.7 J	NA	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<80 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<40 U	<1 U	<1 U	<1 U	NA	<1 U	NA	<1 U	NA	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<80 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 UJ	<10,000 UJ	<250 U	<250 U	<250 U	NA	<250 U	NA	<250 U	NA	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 UJ	<100 UJ	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 UJ	<100 UJ	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 UJ	<80 UJ	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Acetone	67-64-1	**50**	ug/l	<5 U	<200 U	<5 U	24	<5 U	NA	<5 U	NA	<5 U	NA	2.1 J
Acrolein	107-02-8	5	ug/l	<5 UJ	<200 UJ	<5 U	<5 U	<5 U	NA	NA	NA	<5 U	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<20 U	<0.5 U	0.43 J	<0.5 U	NA	0.96	NA	0.25 J	NA	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<80 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<100 UJ	0.83 J	<2.5 U	<2.5 UJ	NA	<2.5 U	NA	<2.5 UJ	NA	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 UJ	NA	<2.5 U	NA	<2.5 UJ	NA	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<100 U	1.6 J	1.6 J	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<100 U	1.2 J	<2.5 U	1.2 J	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	0.36 J	<400 U	0.56 J	1.2 J	<10 U	NA	NA	NA	<10 U	NA	NA
Cymene	99-87-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	0.75 J	NA	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	<2 U	<80 U	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	<10 U	<400 U	2.6 J	4.5 J	<10 U	NA	NA	NA	<10 U	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 U	**3,600 J**	0.86 J	0.95 J	<2.5 U	NA	<2.5 U	NA	2.9	NA	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 UJ	<100 UJ	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	3.6	NA	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<100 U	1 J	<2.5 U	<2.5 U	NA	1.1 J	NA	4.4	NA	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<10 UJ	<400 UJ	3.3 J	<10 UJ	<10 U	NA	NA	NA	<10 U	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<2.5 U	<100 U	**22**	<2.5 U	<2.5 U	NA	6.4	NA	<2.5 U	NA	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	**45**	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	<0.5 U	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 UJ	<100 UJ	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	0.65	<20 U	<0.5 U	<0.5 U	<0.5 U	NA	0.23 J	NA	<0.5 U	NA	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<100 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<200 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	<1 UJ	<40 UJ	0.21 J	<1 U	<1 U	NA	<1 U	NA	0.49 J	NA	0.15 J

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW20DB	C241175_MW20S	C241175_LB24_MW24D	C241175_MW24S	C241175_LB25_MW25D	C241175_MW25D		C241175_MW25D(DS)	C241175_MW25S		
			Sample Name	C241175_MW20DB_110817	C241175_MW20S_110817	C241175_MW24D_101716	C241175_MW24S_101916	C241175_MW25D_101316	C241175_MW25D_021921	C241175_MW25D_092221	C241175_MW25D(DS)_092221	C241175_MW25S_101316	C241175_MW25S_021921	C241175_MW25S_092221
			Sample Date	11/08/2017	11/08/2017	10/17/2016	10/19/2016	10/13/2016	02/19/2021	09/22/2021	09/22/2021	10/13/2016	02/19/2021	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	<10 U	<10 U	<10 U	NA	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	<0.139 U	NA	NA	NA	<0.144 U	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	NA	NA	<5 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	NA	<20 U	<20 U	<20 U	NA	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<2 U	<0.19 U	<0.2 U	<0.2 U	NA	<0.2 U	<0.2 U	<0.4 U	NA	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	510	0.08 J	<0.2 U	<0.2 U	NA	<0.1 U	<0.1 U	0.12 J	NA	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	<10 U	<10 U	<10 U	NA	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	3.7 J	<4.9 U	2.5 J	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	<10 U	<10 U	<10 U	NA	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	<10 U	<10 U	<10 U	NA	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.23	**220**	9.8	0.42	9.4	NA	1.4	<0.1 U	1.3	NA	0.42
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	2.3	<0.19 U	<0.2 U	0.11 J	NA	<0.1 U	<0.1 U	0.13 J	NA	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U	20	0.05 J	<0.2 U	0.08 J	NA	0.05 J	<0.1 U	0.63	NA	0.29
Atrazine	1912-24-9	7.5	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	NA	NA	<10 U	NA	NA
Azobenzene	103-33-3	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	NA	NA	<5 U	NA	NA
Benzidine	92-87-5	5	ug/l	<20 UJ	<20 UJ	<20 UJ	<20 U	<20 U	NA	NA	NA	<20 U	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.02 J**	**2.3**	<0.19 U	<0.2 U	**0.05 J**	NA	**0.06 J**	<0.1 U	**0.73**	NA	**2**
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.08 J**	**2.1**	<0.19 U	<0.2 U	**0.1 J**	NA	**0.08 J**	<0.1 U	**1.2**	NA	**3.6**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.1 U	**1.8**	<0.19 U	<0.2 U	**0.07 J**	NA	**0.08 J**	<0.1 U	**1.2**	NA	**3.7**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	0.99 J	<0.19 U	<0.2 U	<0.2 U	NA	0.08 J	<0.1 U	1	NA	3.1
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	**0.66 J**	<0.19 U	<0.2 U	<0.2 U	NA	**0.03 J**	<0.1 U	**0.46**	NA	**1**
Benzoic Acid	65-85-0	NS	ug/l	<50 U	34 J	<49 U	<50 U	<50 U	NA	11 J	11 J	<50 U	NA	10 J
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	**41**	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	1.7 J	<3 U	<3 U	NA	<3 U	<3 U	<3 U	NA	1.8 J
Caprolactam	105-60-2	NS	ug/l	<10 U	<10 U	<9.8 U	<10 U	<10 U	NA	NA	NA	<10 U	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	36	<2 U	<2 U	<2 U	NA	<2 U	<2 U	0.86 J	NA	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	**1.7**	<0.19 U	<0.2 U	**0.04 J**	NA	**0.05 J**	<0.1 U	**0.67**	NA	**1.6**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.05 J	0.71 J	<0.19 U	<0.2 U	<0.2 U	NA	0.02 J	<0.1 U	0.24 J	NA	0.66
Dibenzofuran	132-64-9	NS	ug/l	<2 U	130	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	14	0.04 J	0.21	0.14 J	NA	0.1	<0.1 U	1.8	NA	2.3
Fluorene	86-73-7	**50**	ug/l	<0.1 U	**110**	0.06 J	<0.2 U	0.12 J	NA	0.05 J	<0.1 U	1	NA	0.12
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<8 U	<0.77 U	<0.8 U	<0.8 U	NA	<0.8 U	<0.8 U	<1.6 U	NA	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<5 U	<0.48 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<1 U	NA	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 UJ	<20 UJ	<20 U	<20 U	<20 UJ	NA	<20 U	<20 U	<20 UJ	NA	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<8 U	<0.77 U	<0.8 U	<0.8 U	NA	<0.8 U	<0.8 U	<1.6 U	NA	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.08 J**	**1.7**	<0.19 U	<0.2 U	<0.2 U	NA	**0.08 J**	<0.1 U	**1.1**	NA	**3.4**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.43	**2,800**	<0.19 U	<0.2 U	0.05 J	NA	<0.1 U	<0.1 U	0.88	NA	<0.13 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<4.9 U	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<8 U	<0.77 U	<0.8 U	<0.8 U	NA	0.15 J	0.12 J	<1.6 U	NA	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.02 J	**100**	0.14 J	<0.2 U	0.16 J	NA	0.2	<0.1 U	0.89	NA	0.53
Phenol	108-95-2	**1**	ug/l	<5 U	**4.1 J**	<4.9 U	<5 U	<5 U	NA	<5 U	**1.1 J**	<5 U	NA	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	8.9	<0.19 U	0.22	0.12 J	NA	0.13	<0.1 U	1.4	NA	2.3

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW20DB	C241175_MW20S	C241175_LB24_MW24D	C241175_MW24S	C241175_LB25_MW25D	C241175_MW25D		C241175_MW25D(DS)	C241175_MW25S		
			Sample Name	C241175_MW20DB_110817	C241175_MW20S_110817	C241175_MW24D_101716	C241175_MW24S_101916	C241175_MW25D_101316	C241175_MW25D_021921	C241175_MW25D_092221	C241175_MW25D(DS)_092221	C241175_MW25S_101316	C241175_MW25S_021921	C241175_MW25S_092221
			Sample Date	11/08/2017	11/08/2017	10/17/2016	10/19/2016	10/13/2016	02/19/2021	09/22/2021	09/22/2021	10/13/2016	02/19/2021	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	<0.04 UJ	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	<0.2 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	<0.04 UJ	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	<0.04 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	<0.02 U	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	<0.2 U	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	<0.2 U	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA	<2 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	<10 U	NA	NA	NA	NA	NA	<10 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA	<2 U	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	<0.083 U	NA	<0.083 U	NA	<0.083 U	NA	NA	NA	<0.083 U	NA	NA
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	5.02 J	469	<10 U	NA	3 J	NA	NA	NA	19	NA	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	<4 U	<5 U	NA	<4 U	NA	NA	NA	<4 U	NA	NA
Arsenic	7440-38-2	**25**	ug/l	6.21	7.65	12.06	NA	0.7	NA	NA	NA	0.9	NA	NA
Barium	7440-39-3	**1000**	ug/l	83.74	61.97	766.6	NA	174.7 J	NA	NA	NA	254.3	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	NA	<0.5 U	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Calcium	7440-70-2	NS	ug/l	98,900	325,000	242,000	NA	94,200	NA	NA	NA	122,000	NA	NA
Chromium, Total	7440-47-3	50	ug/l	0.46 J	1.89	0.3 J	NA	1	NA	NA	NA	0.5 J	NA	NA
Cobalt	7440-48-4	NS	ug/l	0.49 J	0.72	0.28 J	NA	0.2 J	NA	NA	NA	<0.5 U	NA	NA
Copper	7440-50-8	200	ug/l	0.69 J	5.2	<1 U	NA	<1 U	NA	NA	NA	<1 U	NA	NA
Iron	7439-89-6	**300**	ug/l	**14,900**	**870**	**56,400**	NA	**3,530 J**	NA	NA	NA	**9,490**	NA	NA
Lead	7439-92-1	25	ug/l	<1 U	6.85	<1 U	NA	<0.5 U	NA	NA	NA	<0.5 U	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**39,800**	26,600	**57,200**	NA	**44,200 J**	NA	NA	NA	16,500	NA	NA
Manganese	7439-96-5	**300**	ug/l	**2,062**	66.99	**3,997**	NA	**1,004**	NA	NA	NA	**1,334**	NA	NA
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Nickel	7440-02-0	100	ug/l	0.89 J	3.59	0.71 J	NA	0.9 J	NA	NA	NA	0.7 J	NA	NA
Potassium	7440-09-7	NS	ug/l	9,140	50,700	30,700	NA	19,400	NA	NA	NA	15,200	NA	NA
Selenium	7782-49-2	10	ug/l	<5 U	3.98 J	<5 U	NA	<5 U	NA	NA	NA	<5 U	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	NA	<0.4 U	NA	NA	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**119,000**	**361,000**	**119,000**	NA	**124,000**	NA	NA	NA	**166,000**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	NA	<0.5 U	NA	NA
Vanadium	7440-62-2	NS	ug/l	<5 U	13.04	<5 U	NA	<5 U	NA	NA	NA	<5 U	NA	NA
Zinc	7440-66-6	2000	ug/l	7.63 J	13.48	5.38 J	NA	9.1 J	NA	NA	NA	25.3	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW20DB	C241175_MW20S	C241175_LB24_MW24D	C241175_MW24S	C241175_LB25_MW25D	C241175_MW25D		C241175_MW25D(DS)	C241175_MW25S		
			Sample Name	C241175_MW20DB_110817	C241175_MW20S_110817	C241175_MW24D_101716	C241175_MW24S_101916	C241175_MW25D_101316	C241175_MW25D_021921	C241175_MW25D_092221	C241175_MW25D(DS)_092221	C241175_MW25S_101316	C241175_MW25S_021921	C241175_MW25S_092221
			Sample Date	11/08/2017	11/08/2017	10/17/2016	10/19/2016	10/13/2016	02/19/2021	09/22/2021	09/22/2021	10/13/2016	02/19/2021	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	96.8	52,200	403	NA	941	NA	NA	NA	158	NA	NA
Antimony	7440-36-0	**3**	ug/l	0.53 J	2.05 J	<4 U	NA	1.1 J	NA	NA	NA	0.8 J	NA	NA
Arsenic	7440-38-2	**25**	ug/l	6.11	**52.9**	12.4	NA	1.5	NA	NA	NA	1.7	NA	NA
Barium	7440-39-3	**1000**	ug/l	72.97	906.1	805.4	NA	212 J	NA	NA	NA	284.2	NA	NA
Beryllium	7440-41-7	**3**	ug/l	<0.5 U	**3.02**	<0.5 U	NA	0.1 J	NA	NA	NA	<0.5 U	NA	NA
Cadmium	7440-43-9	**5**	ug/l	<0.2 U	2.75	<0.2 U	NA	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Calcium	7440-70-2	NS	ug/l	98,800	1,510,000	263,000	NA	102,000	NA	NA	NA	130,000	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	3 J	NA	<10 U	NA	NA	NA	<10 U	NA	NA
Chromium, Total	7440-47-3	NS	ug/l	1.81	208.9	1.2	NA	8.2	NA	NA	NA	1.5	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	210	<10 U	NA	<10 U	NA	NA	NA	<10 U	NA	NA
Cobalt	7440-48-4	NS	ug/l	0.64	43.5	0.7	NA	1.9	NA	NA	NA	0.5	NA	NA
Copper	7440-50-8	**200**	ug/l	1.89	**319.6**	2.4	NA	5.6	NA	NA	NA	5.7	NA	NA
Iron	7439-89-6	**300**	ug/l	**15,700**	**90,600**	**58,800**	NA	**7,090**	NA	NA	NA	**12,300**	NA	NA
Lead	7439-92-1	**25**	ug/l	0.84 J	**1,257**	1.1	NA	4	NA	NA	NA	15.6	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**41,500**	**166,000**	**62,000**	NA	**45,600**	NA	NA	NA	17,300	NA	NA
Manganese	7439-96-5	**300**	ug/l	**2,401**	**8,842**	**4,299**	NA	**1,100**	NA	NA	NA	**1,571**	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	**2.76**	<0.2 U	NA	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Nickel	7440-02-0	**100**	ug/l	1.9 J	**102.6**	1.6 J	NA	6.9	NA	NA	NA	1.4 J	NA	NA
Potassium	7440-09-7	NS	ug/l	9,380	60,200	33,400	NA	22,100 J	NA	NA	NA	16,700	NA	NA
Selenium	7782-49-2	**10**	ug/l	<5 U	**25.1**	<5 U	NA	<5 U	NA	NA	NA	<5 U	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	0.24 J	<0.4 U	NA	<0.4 U	NA	NA	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**105,000**	**310,000**	**118,000**	NA	**141,000**	NA	NA	NA	**172,000**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	0.5	<0.5 U	NA	<0.5 U	NA	NA	NA	<0.5 U	NA	NA
Vanadium	7440-62-2	NS	ug/l	<5 U	178.3	1.6 J	NA	4.8 J	NA	NA	NA	<5 U	NA	NA
Zinc	7440-66-6	**2000**	ug/l	5.47 J	1,974	7.2 J	NA	17.5	NA	NA	NA	47.1	NA	NA
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	0.00168 J	NA	NA	NA	<0.00182 U	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	0.00701	NA	NA	NA	0.00538	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	0.00937	NA	NA	NA	0.00479	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	<0.00291 U	NA	NA	NA	<0.00212 U	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	0.00913	NA	NA	NA	0.00473	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	0.00579	NA	NA	NA	0.00142 J	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	0.0156	NA	NA	NA	0.00933	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	0.00537	NA	NA	NA	<0.00294 U	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	**0.0362**	NA	NA	NA	**0.0168**	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	**0.0246**	NA	NA	NA	**0.013**	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	0.0199	NA	NA	NA	0.0117 J	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	NA	<0.00182 U	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	0.0608	NA	NA	NA	0.0298	NA
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	NA	NA	NA	NA	NA	<10,000 U	NA	NA	NA	40,000
Sulfide	18496-25-8	**50**	ug/l	NA	NA	NA	NA	NA	NA	**460**	NA	NA	NA	<100 U
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW25S(DS)	C241175_LB26_MW26D	C241175_MW26S	C241175_LB27_MW27D	C241175_MW27D		C241175_MW27D(DS)	C241175_MW27S		C241175_MW28D	
			Sample Name	C241175_MW25S(DS)_092221	C241175_MW26D_101416	C241175_MW26S_101416	C241175_MW27D_111216	C241175_MW27D_022221	C241175_MW27D_092021	C241175_MW27D(DS)_092021	C241175_MW27S_111216	C241175_MW27S_022221	C241175_MW28D_021921	C241175_GWDUP05_021921
			Sample Date	09/22/2021	10/14/2016	10/14/2016	11/12/2016	02/22/2021	09/20/2021	09/20/2021	11/12/2016	02/22/2021	02/19/2021	02/19/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA	<0.5 U	<0.5 U	1.6	NA	<0.5 U	NA	0.46 J	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	<2.5 U	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	NA	<1.5 U	NA	NA	NA
1,1-Dichloroethane	75-34-3	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,1-Dichloroethene	75-35-4	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	3.9	1.4 J	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
1,2-Dichloropropane	78-87-5	1	ug/l	NA	<1 U	<1 U	<1 U	NA	<1 U	NA	<1 U	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	<2 U	<2 U	6.4	NA	<2 U	NA	<2 U	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA	<250 U	<250 U	<250 U	NA	<250 U	NA	<250 U	NA	NA	NA
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
2-Chlorotoluene	95-49-8	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
4-Chlorotoluene	106-43-4	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	ug/l	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA
Acetone	67-64-1	**50**	ug/l	NA	<5 U	18	2.2 J	NA	3.2 J	NA	1.6 J	NA	NA	NA
Acrolein	107-02-8	5	ug/l	NA	<5 U	<5 U	<5 U	NA	NA	NA	<5 U	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Benzene	71-43-2	**1**	ug/l	NA	0.31 J	0.17 J	0.42 J	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Bromobenzene	108-86-1	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Bromochloromethane	74-97-5	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Bromodichloromethane	75-27-4	50	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Bromoform	75-25-2	50	ug/l	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA
Bromomethane	74-83-9	5	ug/l	NA	<2.5 UJ	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Carbon Disulfide	75-15-0	60	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Carbon Tetrachloride	56-23-5	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Chlorobenzene	108-90-7	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Chloroethane	75-00-3	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Chloroform	67-66-3	7	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Chloromethane	74-87-3	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	NA	<2.5 U	<2.5 U	0.73 J	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Cyclohexane	110-82-7	NS	ug/l	NA	12	5.5 J	1 J	NA	NA	NA	<10 U	NA	NA	NA
Cymene	99-87-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Dibromochloromethane	124-48-1	50	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Dibromomethane	74-95-3	5	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Dichlorodifluoromethane	75-71-8	5	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Ethylbenzene	100-41-4	**5**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA	1.3 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
M,P-Xylene	179601-23-1	**5**	ug/l	NA	0.85 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Methyl Acetate	79-20-9	NS	ug/l	NA	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Methylcyclohexane	108-87-2	NS	ug/l	NA	63	23	1.5 J	NA	NA	NA	<10 U	NA	NA	NA
Methylene Chloride	75-09-2	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Naphthalene	91-20-3	**10**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
n-Butylbenzene	104-51-8	**5**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
n-Propylbenzene	103-65-1	**5**	ug/l	NA	1.1 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	NA	<2.5 U	<2.5 U	1.3 J	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Styrene	100-42-5	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
T-Butylbenzene	98-06-6	5	ug/l	NA	<2.5 U	<2.5 U	2.2 J	NA	<2.5 U	NA	3.1	NA	NA	NA
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	<10 U	11	5 J	NA	NA	NA	3.6 J	NA	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	NA	**17**	8.5	6.8	NA	1.2 J	NA	<2.5 U	NA	NA	NA
Tetrachloroethene (PCE)	127-18-4	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Toluene	108-88-3	**5**	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	<2.5 U	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	NA	0.85 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<2.5 UJ	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA
Trichlorofluoromethane	75-69-4	5	ug/l	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA	NA
Vinyl Acetate	108-05-4	NS	ug/l	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA	NA
Vinyl Chloride	75-01-4	**2**	ug/l	NA	<1 U	<1 U	**3.1**	NA	<1 U	NA	0.13 J	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW25S(DS)	C241175_LB26_MW26D	C241175_MW26S	C241175_LB27_MW27D	C241175_MW27D		C241175_MW27D(DS)	C241175_MW27S		C241175_MW28D	
			Sample Name	C241175_MW25S(DS)_092221	C241175_MW26D_101416	C241175_MW26S_101416	C241175_MW27D_111216	C241175_MW27D_022221	C241175_MW27D_092021	C241175_MW27D(DS)_092021	C241175_MW27S_111216	C241175_MW27S_022221	C241175_MW28D_021921	C241175_GWDUP05_021921
			Sample Date	09/22/2021	10/14/2016	10/14/2016	11/12/2016	02/22/2021	09/20/2021	09/20/2021	11/12/2016	02/22/2021	02/19/2021	02/19/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<9.8 U	NA	<10 U	<10 U	<9.8 U	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	**2.87**	NA	NA	NA	0.216	**16.7**	**16.2**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	<5 U	<5 U	<4.9 U	NA	NA	NA	<4.9 U	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	NA	<20 U	<20 U	<20 U	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	ug/l	0.83	0.08 J	0.07 J	0.09 J	NA	<0.1 U	<0.1 U	<0.2 U	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<9.8 U	NA	<10 U	<10 U	<9.8 U	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<9.8 U	NA	<10 U	<10 U	<9.8 U	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<9.8 U	NA	<10 U	<10 U	<9.8 U	NA	NA	NA
Acenaphthene	83-32-9	**20**	ug/l	0.08 J	7	3	0.41	NA	0.21	<0.1 U	<0.1 U	NA	NA	NA
Acenaphthylene	208-96-8	NS	ug/l	0.16	<0.2 U	0.19 J	<0.2 U	NA	0.01 J	<0.1 U	<0.2 U	NA	NA	NA
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Anthracene	120-12-7	50	ug/l	0.05 J	0.2	0.19 J	0.16 J	NA	0.06 J	<0.1 U	<0.2 U	NA	NA	NA
Atrazine	1912-24-9	7.5	ug/l	NA	<10 U	<10 U	<9.8 U	NA	NA	NA	<9.8 U	NA	NA	NA
Azobenzene	103-33-3	5	ug/l	NA	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	<5 U	<5 U	<4.9 U	NA	NA	NA	<4.9 U	NA	NA	NA
Benzidine	92-87-5	5	ug/l	NA	<20 UJ	<20 UJ	<20 U	NA	NA	NA	<20 U	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.11**	<0.2 U	**0.32**	**0.09 J**	NA	**0.2**	<0.1 U	<0.2 U	NA	NA	NA
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.31**	<0.2 U	**0.39**	**0.14 J**	NA	**0.33**	<0.1 U	<0.2 U	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.35**	<0.2 U	**0.44**	**0.12 J**	NA	**0.33**	<0.1 U	<0.2 U	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.36	<0.2 U	0.25	0.11 J	NA	0.29	<0.1 U	<0.2 U	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.12**	<0.2 U	**0.16 J**	**0.05 J**	NA	**0.12**	<0.1 U	<0.2 U	NA	NA	NA
Benzoic Acid	65-85-0	NS	ug/l	10 J	<50 U	<50 U	<49 U	NA	<50 U	11 J	<49 U	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	1.5 J	<3 U	<3 U	<2.9 U	NA	<3 U	<3 U	<2.9 U	NA	NA	NA
Caprolactam	105-60-2	NS	ug/l	NA	<10 U	<10 U	<9.8 U	NA	NA	NA	<9.8 U	NA	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Chrysene	218-01-9	**0.002**	ug/l	**0.08 J**	<0.2 U	**0.26**	**0.08 J**	NA	**0.17**	<0.1 U	<0.2 U	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.08 J	<0.2 U	0.09 J	<0.2 U	NA	0.07 J	<0.1 U	<0.2 U	NA	NA	NA
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Fluoranthene	206-44-0	50	ug/l	0.05 J	0.1 J	0.4	0.4	NA	0.37	<0.1 U	0.2	NA	NA	NA
Fluorene	86-73-7	**50**	ug/l	0.07 J	1.6	0.89	0.19 J	NA	0.04 J	<0.1 U	<0.2 U	NA	NA	NA
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	NA	<0.8 U	<0.8 U	<0.78 U	NA	NA	NA
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.49 U	NA	<0.5 U	<0.5 U	<0.49 U	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	NA	<20 U	<20 U	<20 U	NA	NA	NA
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	NA	<0.8 U	<0.8 U	<0.78 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.39**	<0.2 U	**0.21**	**0.06 J**	NA	**0.3**	<0.1 U	<0.2 U	NA	NA	NA
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Naphthalene	91-20-3	**10**	ug/l	3.8	0.25	0.16 J	0.27	NA	<0.1 U	<0.1 U	<0.2 U	NA	NA	NA
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	<2 U	<2 U	<2 U	NA	NA	NA	<2 U	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	NA	NA
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.78 U	NA	0.11 J	0.16 J	<0.78 U	NA	NA	NA
Phenanthrene	85-01-8	**50**	ug/l	0.12	1.3	1.1	0.56	NA	0.1	<0.1 U	<0.2 U	NA	NA	NA
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<4.9 U	NA	<5 U	<5 U	<4.9 U	NA	NA	NA
Pyrene	129-00-0	50	ug/l	0.06 J	0.1 J	0.38	0.34	NA	0.34	<0.1 U	0.2	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW25S(DS)	C241175_LB26_MW26D	C241175_MW26S	C241175_LB27_MW27D	C241175_MW27D		C241175_MW27D(DS)	C241175_MW27S		C241175_MW28D	
			Sample Name	C241175_MW25S(DS)_092221	C241175_MW26D_101416	C241175_MW26S_101416	C241175_MW27D_111216	C241175_MW27D_022221	C241175_MW27D_092021	C241175_MW27D(DS)_092021	C241175_MW27S_111216	C241175_MW27S_022221	C241175_MW28D_021921	C241175_GWDUP05_021921
			Sample Date	09/22/2021	10/14/2016	10/14/2016	11/12/2016	02/22/2021	09/20/2021	09/20/2021	11/12/2016	02/22/2021	02/19/2021	02/19/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	<0.213 U	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	<0.043 U	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	<0.021 U	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	<0.213 U	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	<0.213 U	NA	NA	NA	NA	NA	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	<0.083 U	NA	NA	NA
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	NA	13	6 J	5.13 J	NA	NA	NA	7.34 J	NA	NA	NA
Antimony	7440-36-0	**3**	ug/l	NA	<4 U	<4 U	<4 U	NA	NA	NA	<4 U	NA	NA	NA
Arsenic	7440-38-2	**25**	ug/l	NA	1	7.8	3.54	NA	NA	NA	1.02	NA	NA	NA
Barium	7440-39-3	**1000**	ug/l	NA	497.9	304.9	560	NA	NA	NA	188.1	NA	NA	NA
Beryllium	7440-41-7	3	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	<0.5 U	NA	NA	NA
Cadmium	7440-43-9	5	ug/l	NA	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	<0.2 U	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	NA	149,000	121,000	149,000	NA	NA	NA	135,000	NA	NA	NA
Chromium, Total	7440-47-3	50	ug/l	NA	2	1.3	1.42	NA	NA	NA	0.31 J	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	NA	0.3 J	1.1	0.26 J	NA	NA	NA	0.43 J	NA	NA	NA
Copper	7440-50-8	200	ug/l	NA	<1 U	0.8 J	<1 U	NA	NA	NA	0.39 J	NA	NA	NA
Iron	7439-89-6	**300**	ug/l	NA	**4,360**	**970**	**11,100**	NA	NA	NA	**9,140**	NA	NA	NA
Lead	7439-92-1	25	ug/l	NA	<0.5 U	<0.5 U	<1 U	NA	NA	NA	<1 U	NA	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	**80,000**	**59,900**	**56,400**	NA	NA	NA	20,800	NA	NA	NA
Manganese	7439-96-5	**300**	ug/l	NA	**470.6**	**428.4**	**2,272**	NA	NA	NA	**1,970**	NA	NA	NA
Mercury	7439-97-6	0.7	ug/l	NA	<0.2 U	<0.2 U	0.09 J	NA	NA	NA	0.09 J	NA	NA	NA
Nickel	7440-02-0	100	ug/l	NA	1.5 J	4.9	1.95 J	NA	NA	NA	<2 U	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	NA	58,300	96,900	30,700	NA	NA	NA	16,900	NA	NA	NA
Selenium	7782-49-2	10	ug/l	NA	<5 U	2 J	<5 U	NA	NA	NA	<5 U	NA	NA	NA
Silver	7440-22-4	50	ug/l	NA	<0.4 U	<0.4 U	<0.4 U	NA	NA	NA	<0.4 U	NA	NA	NA
Sodium	7440-23-5	**20000**	ug/l	NA	**620,000**	**1,070,000**	**167,000**	NA	NA	NA	**180,000**	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	<0.5 U	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	NA	6	5.9	<5 U	NA	NA	NA	<5 U	NA	NA	NA
Zinc	7440-66-6	2000	ug/l	NA	7.9 J	13.6	53.46	NA	NA	NA	10.77	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW25S(DS)	C241175_LB26_MW26D	C241175_MW26S	C241175_LB27_MW27D	C241175_MW27D		C241175_MW27D(DS)	C241175_MW27S		C241175_MW28D	
			Sample Name	C241175_MW25S(DS)_092221	C241175_MW26D_101416	C241175_MW26S_101416	C241175_MW27D_111216	C241175_MW27D_022221	C241175_MW27D_092021	C241175_MW27D(DS)_092021	C241175_MW27S_111216	C241175_MW27S_022221	C241175_MW28D_021921	C241175_GWDUP05_021921
			Sample Date	09/22/2021	10/14/2016	10/14/2016	11/12/2016	02/22/2021	09/20/2021	09/20/2021	11/12/2016	02/22/2021	02/19/2021	02/19/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	NA	1,070	829	33	NA	NA	NA	<10 U	NA	NA	NA
Antimony	7440-36-0	**3**	ug/l	NA	<4 U	1.7 J	<4 U	NA	NA	NA	<4 U	NA	NA	NA
Arsenic	7440-38-2	**25**	ug/l	NA	1.6	9.1	3.3	NA	NA	NA	0.6	NA	NA	NA
Barium	7440-39-3	**1000**	ug/l	NA	474	383.2	547.1	NA	NA	NA	191	NA	NA	NA
Beryllium	7440-41-7	**3**	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	<0.5 U	NA	NA	NA
Cadmium	7440-43-9	**5**	ug/l	NA	<0.2 U	0.1 J	<0.2 U	NA	NA	NA	<0.2 U	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	NA	146,000	124,000	142,000	NA	NA	NA	134,000	NA	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	<10 U	<10 U	<50 UJ	NA	NA	NA	<10 U	NA	NA	NA
Chromium, Total	7440-47-3	NS	ug/l	NA	4.1	7	1.7	NA	NA	NA	0.3 J	NA	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	<10 U	<10 U	<50 U	NA	NA	NA	<10 U	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	NA	1.3	2.2	0.2 J	NA	NA	NA	0.4 J	NA	NA	NA
Copper	7440-50-8	**200**	ug/l	NA	3.3	9	0.4 J	NA	NA	NA	<1 U	NA	NA	NA
Iron	7439-89-6	**300**	ug/l	NA	**6,480**	**4,330**	**10,100**	NA	NA	NA	**8,290**	NA	NA	NA
Lead	7439-92-1	**25**	ug/l	NA	1.9	11.7	1.1	NA	NA	NA	<0.5 U	NA	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	**72,200**	**55,500**	**54,600**	NA	NA	NA	19,500	NA	NA	NA
Manganese	7439-96-5	**300**	ug/l	NA	**517.1**	**484.1**	**2,115**	NA	NA	NA	**1,822**	NA	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	NA	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	<0.2 U	NA	NA	NA
Nickel	7440-02-0	**100**	ug/l	NA	3.8	9.6 J	0.7 J	NA	NA	NA	<2 U	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	NA	56,100	98,600	31,000	NA	NA	NA	16,000	NA	NA	NA
Selenium	7782-49-2	**10**	ug/l	NA	<5 U	3 J	<5 U	NA	NA	NA	<5 U	NA	NA	NA
Silver	7440-22-4	50	ug/l	NA	<0.4 U	<0.4 U	<0.4 U	NA	NA	NA	<0.4 U	NA	NA	NA
Sodium	7440-23-5	**20000**	ug/l	NA	**557,000**	**1,050,000**	**157,000**	NA	NA	NA	**180,000**	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	<0.5 U	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	NA	8.2	9.1	<5 U	NA	NA	NA	<5 U	NA	NA	NA
Zinc	7440-66-6	**2000**	ug/l	NA	13.5	35.8	50.3	NA	NA	NA	10.1	NA	NA	NA
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	0.00688	NA	NA	NA	0.0053	0.00516	0.00544
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	0.0109	NA	NA	NA	0.0079	0.0123	0.0122
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.0022 U	<0.00177 U	<0.00184 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	0.00963	NA	NA	NA	0.00575	0.0015 J	0.00143 J
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	0.034	NA	NA	NA	0.0016 J	0.00772	0.00693
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	0.0119	NA	NA	NA	0.011	<0.00211 U	<0.0019 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	0.00402	<0.00186 U	<0.00195 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	**0.0136**	NA	NA	NA	**0.0207**	**0.0124**	**0.0128**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	**0.0484**	NA	NA	NA	**0.0161**	**0.0189**	**0.0191**
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	0.0127 J	NA	NA	NA	0.0138	<0.00292 U	<0.00284 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	<0.0018 U	NA	NA	NA	<0.00178 U	<0.00177 U	<0.00184 U
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	0.062	NA	NA	NA	0.0368	0.0313	0.0319
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	NA	NA	NA	NA	<10,000 U	NA	NA	NA	NA	NA
Sulfide	18496-25-8	**50**	ug/l	NA	NA	NA	NA	NA	**280**	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW28D	C241175_MW28D(DS)	C241175_LB30_MW30D	C241175_MW30D	C241175_LB31_MW31D	C241175_MW31D	C241175_MW31S		C241175_LB32_MW32D	C241175_MW32D	C241175_MW32D(DS)
			Sample Name	C241175_MW28D_090921	C241175_MW28D(DS)_090921	C241175_MW30D_10141	C241175_MW30D_031121	C241175_MW31D_10191	C241175_MW31D_061721	C241175_MW31S_10191	C241175_MW31S_061721	C241175_MW32D_111216	C241175_MW32D_092021	C241175_MW32D(DS)_092021
			Sample Date	09/09/2021	09/09/2021	10/14/2016	03/11/2021	10/19/2016	06/17/2021	10/19/2016	06/17/2021	11/12/2016	09/20/2021	09/20/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	NA	<1.5 U	NA	<1.5 U	NA	<1.5 U	NA	<1.5 U	<1.5 U	NA
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	NA
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	NA	<2 U	NA	2.4	NA	<2 U	NA	<2 U	<2 U	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	NA
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	NA	<250 U	NA	<250 U	NA	<250 U	NA	<250 U	<250 U	NA
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	NA
Acetone	67-64-1	**50**	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	5.6	NA	2.5 J	1.8 J	NA
Acrolein	107-02-8	5	ug/l	NA	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Benzene	71-43-2	**1**	ug/l	0.29 J	NA	<0.5 U	NA	<0.5 U	NA	**1.4**	NA	0.23 J	<0.5 U	NA
Bromobenzene	108-86-1	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Bromoform	75-25-2	50	ug/l	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	NA
Bromomethane	74-83-9	5	ug/l	<2.5 U	NA	<2.5 UJ	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Carbon Disulfide	75-15-0	60	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Chloroethane	75-00-3	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Chloroform	67-66-3	7	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Chloromethane	74-87-3	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Cyclohexane	110-82-7	NS	ug/l	NA	NA	<10 U	NA	7.5 J	NA	<10 U	NA	<10 U	NA	NA
Cymene	99-87-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Dibromomethane	74-95-3	5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	1.7 J	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	<10 U	NA	5.4 J	NA	<10 U	NA	<10 U	NA	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	NA
Naphthalene	91-20-3	**10**	ug/l	0.83 J	NA	0.92 J	NA	1.2 J	NA	2.2 J	NA	0.91 J	<2.5 U	NA
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	1.2 J	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Styrene	100-42-5	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	0.87 J	NA
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	<10 U	NA	2.2 J	NA	<10 UJ	NA	3.6 J	NA	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<2.5 U	NA	<2.5 U	NA	4.2	NA	<2.5 U	NA	0.74 J	<2.5 U	NA
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Toluene	108-88-3	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	0.82 J	NA	<2.5 U	<2.5 U	NA
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U	NA
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	NA	<2.5 UJ	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	0.22 J	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	NA
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	<5 U	NA
Vinyl Chloride	75-01-4	**2**	ug/l	0.08 J	NA	<1 U	NA	<1 U	NA	<1 U	NA	0.18 J	<1 U	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW28D	C241175_MW28D(DS)	C241175_LB30_MW30D	C241175_MW30D	C241175_LB31_MW31D	C241175_MW31D	C241175_MW31S		C241175_LB32_MW32D	C241175_MW32D	C241175_MW32D(DS)
			Sample Name	C241175_MW28D_090921	C241175_MW28D(DS)_090921	C241175_MW30D_10141	C241175_MW30D_03112	C241175_MW31D_10191	C241175_MW31D_06172	C241175_MW31S_10191	C241175_MW31S_06172	C241175_MW32D_11121	C241175_MW32D_09202	C241175_MW32D(DS)_092021
			Sample Date	09/09/2021	09/09/2021	10/14/2016	03/11/2021	10/19/2016	06/17/2021	10/19/2016	06/17/2021	11/12/2016	09/20/2021	09/20/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	<0.139 U	NA	<0.15 U	NA	0.303	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	NA	<20 U	NA	<20 U	NA	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	<0.2 U	NA	<0.2 U	NA	0.08 J	NA	0.46	0.07 J	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	5.6	0.02 J	0.37	NA	6.3	NA	<0.1 U	NA	1.5	9.8	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	0.05 J	<0.1 U	0.08 J	NA	0.1 J	NA	<0.2 U	NA	0.05 J	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.12	<0.1 U	0.28	NA	<0.2 U	NA	0.17 J	NA	0.44	0.33	<0.1 U
Atrazine	1912-24-9	7.5	ug/l	NA	NA	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	NA	NA
Azobenzene	103-33-3	5	ug/l	NA	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	NA	NA
Benzidine	92-87-5	5	ug/l	NA	NA	<20 UJ	NA	<20 U	NA	<20 U	NA	<20 U	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.04 J**	<0.1 U	**0.59**	NA	<0.2 U	NA	**0.09 J**	NA	**0.5**	**0.96**	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	**0.47**	NA	<0.2 U	NA	**0.14 J**	NA	**0.75**	**1.5**	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.02 J**	<0.1 U	**0.68**	NA	<0.2 U	NA	**0.21**	NA	**0.92**	**1.5**	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	0.33	NA	<0.2 U	NA	0.09 J	NA	0.44	1.1	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.01 J**	<0.1 U	**0.26**	NA	<0.2 U	NA	**0.05 J**	NA	**0.36**	**0.46**	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	NA	<50 U	NA	<50 U	NA	<49 U	10 J	11 J
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	1.6 J	<3 U	NA	<3 U	NA	<3 U	NA	1.9 J	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	<10 U	NA	<10 U	NA	<10 U	NA	<9.9 U	NA	NA
Carbazole	86-74-8	NS	ug/l	1.1 J	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.02 J**	<0.1 U	**0.57**	NA	<0.2 U	NA	**0.08 J**	NA	**0.48**	**0.84**	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	0.08 J	NA	<0.2 U	NA	<0.2 U	NA	0.13 J	0.3	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	1.9 J	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.11	0.03 J	1.4	NA	0.08 J	NA	0.09 J	NA	0.86	1.4	<0.1 U
Fluorene	86-73-7	**50**	ug/l	0.44	0.02 J	0.2	NA	<0.2 U	NA	<0.2 U	NA	0.82	0.94	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.79 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.49 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	NA	<20 U	NA	<20 U	NA	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.79 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**0.25**	NA	<0.2 U	NA	**0.18 J**	NA	**0.55**	**1.3**	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.55 J	<0.1 U	0.29	NA	<0.2 U	NA	2	NA	1.1	0.09 J	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.06 J	0.05 J	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.79 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	<0.1 U	<0.1 U	0.6	NA	<0.2 U	NA	0.06 J	NA	1.9	0.5	<0.1 U
Phenol	108-95-2	**1**	ug/l	<5 U	0.72 J	<5 U	NA	<5 U	NA	<5 U	NA	<4.9 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	0.11	<0.1 U	1.1	NA	0.07 J	NA	0.08 J	NA	0.78	1.3	<0.1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW28D	C241175_MW28D(DS)	C241175_LB30_MW30D	C241175_MW30D	C241175_LB31_MW31D	C241175_MW31D	C241175_MW31S		C241175_LB32_MW32D	C241175_MW32D	C241175_MW32D(DS)
			Sample Name	C241175_MW28D_090921	C241175_MW28D(DS)_090921	C241175_MW30D_10141	C241175_MW30D_03112	C241175_MW31D_10191	C241175_MW31D_061721	C241175_MW31S_101916	C241175_MW31S_061721	C241175_MW32D_111216	C241175_MW32D_092021	C241175_MW32D(DS)_092021
			Sample Date	09/09/2021	09/09/2021	10/14/2016	03/11/2021	10/19/2016	06/17/2021	10/19/2016	06/17/2021	11/12/2016	09/20/2021	09/20/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	0.021	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	**0.023 J**	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	0.012 J	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	<10 U	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	NA	NA	<0.083 U	NA	<0.083 U	NA	<0.909 U	NA	NA	NA	NA
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	NA	NA	3 J	NA	11.7	NA	72.1	NA	NA	NA	NA
Antimony	7440-36-0	**3**	ug/l	NA	NA	<4 U	NA	<5 U	NA	<5 U	NA	NA	NA	NA
Arsenic	7440-38-2	**25**	ug/l	NA	NA	0.46 J	NA	2.16	NA	17.74	NA	NA	NA	NA
Barium	7440-39-3	**1000**	ug/l	NA	NA	49.4	NA	187.8	NA	191.1	NA	NA	NA	NA
Beryllium	7440-41-7	3	ug/l	NA	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA	NA
Cadmium	7440-43-9	5	ug/l	NA	NA	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	NA	NA	95,200	NA	207,000	NA	164,000	NA	NA	NA	NA
Chromium, Total	7440-47-3	50	ug/l	NA	NA	1.9	NA	1.33	NA	0.5 J	NA	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	NA	NA	0.2 J	NA	0.18 J	NA	1.12	NA	NA	NA	NA
Copper	7440-50-8	200	ug/l	NA	NA	4	NA	<1 U	NA	0.47 J	NA	NA	NA	NA
Iron	7439-89-6	**300**	ug/l	NA	**13,400**	<50 U	NA	**586**	NA	**8,410**	NA	NA	NA	NA
Lead	7439-92-1	25	ug/l	NA	NA	0.4 J	NA	<1 U	NA	<1 U	NA	NA	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	NA	14,000	NA	**44,100**	NA	**41,400**	NA	NA	NA	NA
Manganese	7439-96-5	**300**	ug/l	NA	**8,771**	22.4	NA	**535.3**	NA	**1,313**	NA	NA	NA	NA
Mercury	7439-97-6	0.7	ug/l	NA	NA	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA	NA	NA
Nickel	7440-02-0	100	ug/l	NA	NA	1 J	NA	0.97 J	NA	4.76	NA	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	NA	NA	7,730	NA	34,400	NA	63,000	NA	NA	NA	NA
Selenium	7782-49-2	10	ug/l	NA	NA	6	NA	<5 U	NA	4.58 J	NA	NA	NA	NA
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	NA	<0.4 U	NA	<0.4 U	NA	NA	NA	NA
Sodium	7440-23-5	**20000**	ug/l	NA	NA	20,000	NA	**472,000**	NA	**2,050,000**	NA	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	NA	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	NA	NA	<5 U	NA	4.16 J	NA	6.67	NA	NA	NA	NA
Zinc	7440-66-6	2000	ug/l	NA	NA	8.9 J	NA	<10 U	NA	5.93 J	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW28D	C241175_MW28D(DS)	C241175_LB30_MW30D	C241175_MW30D	C241175_LB31_MW31D	C241175_MW31D	C241175_MW31S		C241175_LB32_MW32D	C241175_MW32D	C241175_MW32D(DS)
			Sample Name	C241175_MW28D_090921	C241175_MW28D(DS)_090921	C241175_MW30D_10141	C241175_MW30D_03112	C241175_MW31D_10191	C241175_MW31D_061721	C241175_MW31S_101916	C241175_MW31S_061721	C241175_MW32D_111216	C241175_MW32D_092021	C241175_MW32D(DS)_092021
			Sample Date	09/09/2021	09/09/2021	10/14/2016	03/11/2021	10/19/2016	06/17/2021	10/19/2016	06/17/2021	11/12/2016	09/20/2021	09/20/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	NA	NA	667	NA	328	NA	1,970	NA	NA	NA	NA
Antimony	7440-36-0	**3**	ug/l	NA	NA	2.5 J	NA	<4 U	NA	<4 U	NA	NA	NA	NA
Arsenic	7440-38-2	**25**	ug/l	NA	NA	1.1	NA	2.7	NA	19.7	NA	NA	NA	NA
Barium	7440-39-3	**1000**	ug/l	NA	NA	57.1	NA	202	NA	604.1	NA	NA	NA	NA
Beryllium	7440-41-7	**3**	ug/l	NA	NA	<0.5 U	NA	<0.5 U	NA	0.1 J	NA	NA	NA	NA
Cadmium	7440-43-9	**5**	ug/l	NA	NA	<0.2 U	NA	<0.2 U	NA	0.1 J	NA	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	NA	NA	89,800	NA	229,000	NA	184,000	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	ug/l	NA	NA	4.1	NA	3.5	NA	4.1	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	NA	NA	1	NA	0.7	NA	2.4	NA	NA	NA	NA
Copper	7440-50-8	**200**	ug/l	NA	NA	5	NA	1.9	NA	12.3	NA	NA	NA	NA
Iron	7439-89-6	**300**	ug/l	**14,900**	NA	**1,240**	NA	**1,720**	NA	**15,000**	NA	NA	NA	NA
Lead	7439-92-1	**25**	ug/l	NA	NA	12.9	NA	1	NA	**40.7**	NA	NA	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	NA	15,900	NA	**47,000**	NA	**47,200**	NA	NA	NA	NA
Manganese	7439-96-5	**300**	ug/l	**9,345**	NA	79.2	NA	**602.2**	NA	**1,659**	NA	NA	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	NA	NA	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA	NA	NA
Nickel	7440-02-0	**100**	ug/l	NA	NA	2.4	NA	3.2	NA	7.1	NA	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	NA	NA	8,170	NA	33,700	NA	73,100	NA	NA	NA	NA
Selenium	7782-49-2	**10**	ug/l	NA	NA	6	NA	<5 U	NA	6	NA	NA	NA	NA
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	NA	<0.4 U	NA	0.5	NA	NA	NA	NA
Sodium	7440-23-5	**20000**	ug/l	NA	NA	**21,700**	NA	**500,000**	NA	**2,180,000**	NA	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	NA	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	NA	NA	2.4 J	NA	5.5	NA	8.4	NA	NA	NA	NA
Zinc	7440-66-6	**2000**	ug/l	NA	NA	15.7	NA	6.1 J	NA	74.1	NA	NA	NA	NA
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	0.00588	NA	0.00911	NA	0.00128 J	NA	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	0.0142	NA	0.00852	NA	0.0157	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	0.000497 J	NA	0.00054 J	NA	<0.00189 U	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	<0.00185 UJ	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	0.0079	NA	0.00448	NA	0.00368	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	0.00186	NA	0.00222	NA	0.000689 J	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	0.013	NA	0.0107	NA	0.0111	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	0.00161 J	NA	0.0019	NA	0.00101 J	NA	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	**0.0102**	NA	**0.0105**	NA	**0.00273**	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	**0.0158**	NA	**0.0185**	NA	**0.0157**	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	0.012	NA	0.0138	NA	0.0245	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	<0.00185 U	NA	<0.00184 U	NA	<0.00189 U	NA	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	0.026	NA	0.029	NA	0.0184	NA	NA	NA
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	<2,000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	48,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	<100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	21 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	34,000	NA	NA	NA	NA	NA	NA	NA	NA	<10,000 U	NA
Sulfide	18496-25-8	**50**	ug/l	<100 U	NA	NA	NA	NA	NA	NA	NA	NA	**140**	NA
Total Organic Carbon	TOC	NS	ug/l	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW32S		C241175_MW32S(DS)	C241175_LB33_MW33D	C241175_MW33S	C241175_LB34_MW34D	C241175_MW34D	C241175_MW34S			C241175_LB35_MW35D	C241175_MW35S
			Sample Name	C241175_MW32S_111316	C241175_MW32S_092021	C241175_MW32S(DS)_092021	C241175_MW33D_101116	C241175_MW33S_101216	C241175_MW34D_101116	C241175_MW34D_021721	C241175_MW34S_101116	C241175_MW34S_101216	C241175_MW34S_021721	C241175_MW35D_101716	C241175_MW35S_101816
			Sample Date	11/13/2016	09/20/2021	09/20/2021	10/11/2016	10/12/2016	10/11/2016	02/17/2021	10/11/2016	10/12/2016	02/17/2021	10/17/2016	10/18/2016
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 U	NA	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	NA	NA	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	NA	**19**	**11**
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**38**	**9.9**
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	NA	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	NA	<1 U	<1 U	<1 U	NA	<1 U	NA	NA	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**10**	3.3
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	NA	1.2 J	<2 U	7.7	NA	<2 U	NA	NA	19	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	NA	<250 U	<250 U	<250 U	NA	<250 U	NA	NA	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	NA	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	NA	8	2.6
Acetone	67-64-1	**50**	ug/l	<5 U	4.2 J	NA	<5 U	<5 U	2 J	NA	**110 J**	NA	NA	12 J	6.4
Acrolein	107-02-8	5	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	**1.1**	NA	0.21 J	NA	NA	0.65	0.32 J
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	NA	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	1.1 J	<2.5 UJ
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 UJ
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	NA	1.1 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	1.3 J
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	NA	0.76 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	1.1 J	NA	NA	0.64 J	<10 U	<10 U	NA	0.37 J	NA	NA	2.1 J	0.3 J
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	2.3 J	1.1 J
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**6.2**	2.6
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	5	1.5 J
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<2.5 U	NA	0.71 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**8.9**	1.3 J
Methyl Acetate	79-20-9	NS	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	NA	<2 U	NA	NA	<2 U	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	7.3	NA	NA	2.5 J	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	0.91 J	NA	NA	0.68 J	<10 U	3.1 J	NA	<10 U	NA	NA	5.4 J	1.4 J
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 UJ	<2.5 U	NA	0.96 J	<2.5 U	0.92 J	NA	2.5	NA	NA	**12**	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**6.4**	1.3 J
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**10**	2.6
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	1.5 J	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	4.2	NA	<2.5 U	NA	NA	4.8	1.8 J
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	2.8	2 J	NA	<2.5 U	<2.5 U	2.3 J	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	1.8 J	NA	NA	<10 U	<10 UJ	<10 U	NA	<10 U	NA	NA	<10 U	<10 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<2.5 U	<2.5 U	NA	0.79 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	1.8 J	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<2.5 U	NA	0.71 J	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	**10 J**	1.3 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	**0.44 J**	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	**0.44 J**	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	0.18 J	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	NA	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	NA	NA	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	0.2 J	0.11 J	NA	<1 U	<1 U	<1 U	NA	<1 U	NA	NA	<1 U	<1 UJ

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW32S		C241175_MW32S(DS)	C241175_MW33D	C241175_MW33S	C241175_LB34_MW34D	C241175_MW34D	C241175_MW34S			C241175_LB35_MW35D	C241175_MW35S
			Sample Name	C241175_MW32S_111316	C241175_MW32S_092021	C241175_MW32S(DS)_092021	C241175_MW33D_101116	C241175_MW33S_101216	C241175_MW34D_101116	C241175_MW34D_021721	C241175_MW34S_101116	C241175_MW34S_101216	C241175_MW34S_021721	C241175_MW35D_101716	C241175_MW35S_101816
			Sample Date	11/13/2016	09/20/2021	09/20/2021	10/11/2016	10/12/2016	10/11/2016	02/17/2021	10/11/2016	10/12/2016	02/17/2021	10/17/2016	10/18/2016
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<9.9 U	<10 U	<10 U	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	NA	<0.139 U	NA	NA	**0.37**	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<4.9 U	NA	NA	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	NA	NA	<20 U	NA	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.4 U	<0.2 U	NA	NA	<0.2 U	NA	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.2 U	<0.1 U	<0.1 U	4.5	<0.4 U	0.15 J	NA	NA	0.33	NA	66	0.48
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<9.9 U	<10 U	<10 U	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<9.9 U	<10 U	<10 U	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<9.9 U	<10 U	<10 U	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.32	0.09 J	<0.1 U	19	<0.2 U	2.5	NA	NA	2.3	NA	2	0.79
Acenaphthylene	208-96-8	NS	ug/l	<0.2 U	<0.1 U	<0.1 U	0.18 J	<0.4 U	<0.2 U	NA	NA	0.16 J	NA	0.5	0.1 J
Acetophenone	98-86-2	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Anthracene	120-12-7	50	ug/l	0.05 J	0.03 J	<0.1 U	0.34	0.08 J	0.1 J	NA	NA	1.3	NA	0.31	0.23
Atrazine	1912-24-9	7.5	ug/l	<9.9 U	NA	NA	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
Azobenzene	103-33-3	5	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	<4.9 U	NA	NA	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Benzidine	92-87-5	5	ug/l	<20 U	NA	NA	<20 UJ	<20 U	<20 UJ	NA	NA	<20 U	NA	<20 UJ	<20 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.2 U	**0.02 J**	<0.1 U	**0.1 J**	<0.4 U	<0.2 U	NA	NA	**1.8**	NA	<0.2 U	**0.11 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.2 U	**0.02 J**	<0.1 U	**0.07 J**	**0.32 J**	<0.2 U	NA	NA	**1.9**	NA	<0.2 U	**0.1 J**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.2 U	**0.02 J**	<0.1 U	**0.1 J**	**0.33 J**	<0.2 U	NA	NA	**2.4**	NA	<0.2 U	**0.15 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.2 U	0.02 J	<0.1 U	<0.2 U	0.18 J	<0.2 U	NA	NA	1.6	NA	<0.2 U	0.09 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.2 U	<0.1 U	<0.1 U	<0.2 U	**0.11 J**	<0.2 U	NA	NA	**0.84**	NA	<0.2 U	**0.05 J**
Benzoic Acid	65-85-0	NS	ug/l	<49 U	<50 U	16 J	<50 U	<50 UJ	<50 U	NA	NA	13 J	NA	<49 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	2.9 J	NA	NA	<3 U	NA	1.9 J	<3 U
Caprolactam	105-60-2	NS	ug/l	<9.9 U	NA	NA	<10 U	<10 U	<10 U	NA	NA	<10 U	NA	<9.8 U	<10 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	0.89 J	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.2 U	<0.1 U	<0.1 U	**0.09 J**	**0.19 J**	<0.2 U	NA	NA	**1.7**	NA	<0.2 U	**0.13 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.2 U	<0.1 U	<0.1 U	<0.2 U	<0.4 U	<0.2 U	NA	NA	0.38	NA	<0.2 U	<0.2 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.05 J	0.03 J	<0.1 U	0.35	0.36 J	0.12 J	NA	NA	4.2	NA	0.09 J	0.2
Fluorene	86-73-7	**50**	ug/l	0.06 J	0.02 J	<0.1 U	2.3	<0.4 U	0.12 J	NA	NA	1.2	NA	2.9	0.45
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.79 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U	NA	NA	<0.8 U	NA	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.49 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	NA	NA	<0.5 U	NA	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	NA	NA	<20 U	NA	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.79 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U	NA	NA	<0.8 U	NA	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.2 U	**0.02 J**	<0.1 U	<0.2 U	**0.19 J**	<0.2 U	NA	NA	**1.6**	NA	<0.2 U	**0.07 J**
Isophorone	78-59-1	50	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.2 U	<0.1 U	<0.1 U	0.53	<0.4 U	<0.2 U	NA	NA	0.5	NA	5	0.42
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<2 U	NA	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.79 U	0.12 J	<0.8 U	<0.8 U	<1.6 R	<0.8 U	NA	NA	<0.8 R	NA	<0.8 U	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.12 J	0.03 J	<0.1 U	2.9	0.23 J	0.3	NA	NA	7.5	NA	3.1	0.17 J
Phenol	108-95-2	**1**	ug/l	<4.9 U	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<5 U	NA	<4.9 U	<5 U
Pyrene	129-00-0	50	ug/l	0.07 J	0.05 J	<0.1 U	0.27	0.3 J	0.08 J	NA	NA	4.2	NA	0.13 J	0.32

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW32S		C241175_MW32S(DS)	C241175_LB33_MW33D	C241175_MW33S	C241175_LB34_MW34D	C241175_MW34D	C241175_MW34S			C241175_LB35_MW35D	C241175_MW35S
			Sample Name	C241175_MW32S_111316	C241175_MW32S_092021	C241175_MW32S(DS)_092021	C241175_MW33D_101116	C241175_MW33S_101216	C241175_MW34D_101116	C241175_MW34D_021721	C241175_MW34S_101116	C241175_MW34S_101216	C241175_MW34S_021721	C241175_MW35D_101716	C241175_MW35S_101816
			Sample Date	11/13/2016	09/20/2021	09/20/2021	10/11/2016	10/12/2016	10/11/2016	02/17/2021	10/11/2016	10/12/2016	02/17/2021	10/17/2016	10/18/2016
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	0.3	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 UJ	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.213 U	NA	NA	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	<0.043 U	NA	NA	NA	NA	<0.04 U	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.021 U	NA	NA	NA	NA	<0.02 U	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	<0.213 U	NA	NA	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	<0.213 U	NA	NA	NA	NA	<0.2 U	NA	NA	NA	NA	NA	NA
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<2 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<10 U	NA	NA	NA	NA	<10 U	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<2 U	NA	NA	NA	NA	<2 U	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
Total PCBs	1336-36-3	**0.09**	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	NA
Metals - Dissolved															
Aluminum	7429-90-5	NS	ug/l	6.22 J	NA	NA	11	8 J	17	NA	NA	NA	NA	40.6	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	NA	NA	<4 U	<4 U	<4 U	NA	NA	NA	NA	<5 U	NA
Arsenic	7440-38-2	**25**	ug/l	0.73	NA	NA	1.5	3.9	1.3	NA	NA	NA	NA	22.07	NA
Barium	7440-39-3	**1000**	ug/l	260.9	NA	NA	121.6	307.2	141.1	NA	NA	NA	NA	103.5	NA
Beryllium	7440-41-7	3	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	<0.5 U	NA
Cadmium	7440-43-9	5	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	<0.2 U	NA
Calcium	7440-70-2	NS	ug/l	92,400	NA	NA	128,000	421,000	111,000	NA	NA	NA	NA	141,000	NA
Chromium, Total	7440-47-3	50	ug/l	0.41 J	NA	NA	1	<1 U	1.4	NA	NA	NA	NA	0.32 J	NA
Cobalt	7440-48-4	NS	ug/l	0.31 J	NA	NA	<0.5 U	6.8	0.2 J	NA	NA	NA	NA	0.83	NA
Copper	7440-50-8	200	ug/l	<1 U	NA	NA	0.5 J	<1 U	1.1	NA	NA	NA	NA	0.59 J	NA
Iron	7439-89-6	**300**	ug/l	**5,740**	NA	NA	**3,280**	**1,440**	**16,500**	NA	NA	NA	NA	**18,700**	NA
Lead	7439-92-1	25	ug/l	<1 U	NA	NA	<1 U	4	0.6 J	NA	NA	NA	NA	<1 U	NA
Magnesium	7439-95-4	**35000**	ug/l	15,600	NA	NA	**47,400**	**112,000**	**36,100**	NA	NA	NA	NA	22,000	NA
Manganese	7439-96-5	**300**	ug/l	**810.5**	NA	NA	**1,003**	**3,900**	**1,094**	NA	NA	NA	NA	**1,900**	NA
Mercury	7439-97-6	0.7	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	<0.2 U	NA
Nickel	7440-02-0	100	ug/l	1.25 J	NA	NA	0.8 J	6.4	0.8 J	NA	NA	NA	NA	4.08	NA
Potassium	7440-09-7	NS	ug/l	17,800	NA	NA	24,600	59,500	17,800	NA	NA	NA	NA	30,500	NA
Selenium	7782-49-2	10	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	NA	NA	NA	NA	<5 U	NA
Silver	7440-22-4	50	ug/l	<0.4 U	NA	NA	<0.4 U	<0.4 U	<0.4 U	NA	NA	NA	NA	<0.4 U	NA
Sodium	7440-23-5	**20000**	ug/l	**170,000**	NA	NA	**114,000**	**687,000**	**125,000**	NA	NA	NA	NA	**34,100**	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	<0.5 U	NA
Vanadium	7440-62-2	NS	ug/l	<5 U	NA	NA	1.6 J	7	<5 U	NA	NA	NA	NA	1.86 J	NA
Zinc	7440-66-6	2000	ug/l	12	NA	NA	5.6 J	121.6	<10 U	NA	NA	NA	NA	<10 U	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW32S		C241175_MW32S(DS)	C241175_LB33_MW33D	C241175_MW33S	C241175_LB34_MW34D	C241175_MW34D	C241175_MW34S			C241175_LB35_MW35D	C241175_MW35S
			Sample Name	C241175_MW32S_111316	C241175_MW32S_092021	C241175_MW32S(DS)_092021	C241175_MW33D_101116	C241175_MW33S_101216	C241175_MW34D_101116	C241175_MW34D_021721	C241175_MW34S_101116	C241175_MW34S_101216	C241175_MW34S_021721	C241175_MW35D_101716	C241175_MW35S_101816
			Sample Date	11/13/2016	09/20/2021	09/20/2021	10/11/2016	10/12/2016	10/11/2016	02/17/2021	10/11/2016	10/12/2016	02/17/2021	10/17/2016	10/18/2016
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total															
Aluminum	7429-90-5	NS	ug/l	7 J	NA	NA	2,040	2,280	892	NA	NA	NA	NA	441	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	NA	NA	<4 U	**3.7 J**	<4 U	NA	NA	NA	NA	1 J	NA
Arsenic	7440-38-2	**25**	ug/l	0.7	NA	NA	2.2	6.9	2	NA	NA	NA	NA	**25.8**	NA
Barium	7440-39-3	**1000**	ug/l	257.7	NA	NA	134.6	511.3	146.4	NA	NA	NA	NA	113.5	NA
Beryllium	7440-41-7	**3**	ug/l	<0.5 U	NA	NA	<0.5 U	0.3 J	<0.5 U	NA	NA	NA	NA	<0.5 U	NA
Cadmium	7440-43-9	**5**	ug/l	<0.2 U	NA	NA	<0.2 U	0.1 J	<0.2 U	NA	NA	NA	NA	<0.2 U	NA
Calcium	7440-70-2	NS	ug/l	88,700	NA	NA	115,000	414,000	97,100	NA	NA	NA	NA	147,000	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	NA	NA	<10 U	<10 U	<10 U	NA	NA	NA	NA	<10 U	NA
Chromium, Total	7440-47-3	NS	ug/l	0.3 J	NA	NA	2.6	24	6.3	NA	NA	NA	NA	1.1	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	NA	NA	<10 U	24	<10 U	NA	NA	NA	NA	<10 U	NA
Cobalt	7440-48-4	NS	ug/l	0.3 J	NA	NA	1.9	5.6	1.2	NA	NA	NA	NA	0.9	NA
Copper	7440-50-8	**200**	ug/l	<2 U	NA	NA	4.4	32.1	3.6	NA	NA	NA	NA	1.7	NA
Iron	7439-89-6	**300**	ug/l	**5,590**	NA	NA	**6,760**	**10,500**	**16,200**	NA	NA	NA	NA	**20,800**	NA
Lead	7439-92-1	**25**	ug/l	<1 U	NA	NA	4.8	**272.6**	2.8	NA	NA	NA	NA	1.3	NA
Magnesium	7439-95-4	**35000**	ug/l	14,900	NA	NA	**47,200**	**103,000**	34,400	NA	NA	NA	NA	23,400	NA
Manganese	7439-96-5	**300**	ug/l	**792.4**	NA	NA	**1,056**	**2,639**	**1,034**	NA	NA	NA	NA	**1,973**	NA
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	NA	NA	<0.2 U	0.53	<0.2 U	NA	NA	NA	NA	<0.2 U	NA
Nickel	7440-02-0	**100**	ug/l	0.9 J	NA	NA	5.3	17.6	5.8	NA	NA	NA	NA	5.1	NA
Potassium	7440-09-7	NS	ug/l	16,900	NA	NA	25,300	62,700	17,700	NA	NA	NA	NA	34,600	NA
Selenium	7782-49-2	**10**	ug/l	<5 U	NA	NA	2 J	<5 U	4 J	NA	NA	NA	NA	2 J	NA
Silver	7440-22-4	50	ug/l	<0.4 U	NA	NA	<0.4 U	<0.4 U	<0.4 U	NA	NA	NA	NA	<0.4 U	NA
Sodium	7440-23-5	**20000**	ug/l	**149,000**	NA	NA	**103,000**	**670,000**	**122,000**	NA	NA	NA	NA	**39,300**	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	<0.5 U	NA
Vanadium	7440-62-2	NS	ug/l	<5 U	NA	NA	6	10.3	4.6 J	NA	NA	NA	NA	5.2	NA
Zinc	7440-66-6	**2000**	ug/l	12.1	NA	NA	18.1	361.2	6.6 J	NA	NA	NA	NA	6.5 J	NA
Per- and Polyfluoroalkyl Substances															
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	NA	0.00271	NA	NA	<0.0019 U	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0105	NA	NA	0.00323	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0106	NA	NA	0.0548	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	NA	0.000698 J	NA	NA	<0.0019 U	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0056	NA	NA	0.0253	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	NA	0.00336	NA	NA	<0.0019 U	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0148	NA	NA	0.097	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	NA	0.00205	NA	NA	<0.0019 U	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	NA	**0.017**	NA	NA	<0.0019 U	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	NA	**0.0159**	NA	NA	**0.0526**	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0184 J	NA	NA	0.117 J	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	<0.00182 U	NA	NA	<0.0019 U	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	NA	0.0329	NA	NA	0.0526	NA	NA
General Chemistry															
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	34,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	18496-25-8	**50**	ug/l	NA	**530**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW36S		C241175_MW36S(DS)	C241175_LB37_MW37D		C241175_LB38_MW38D		C241175_MW38S	C241175_LB39_MW39D	C241175_MW39S	C241175
			Sample Name	C241175_MW36S_101416	C241175_MW36S_091021	C241175_MW36S(DS)_091021	C241175_MW37D_100516	C241175_GWDUP02_100516	C241175_MW38D_100416	C241175_GWDUP01_100416	C241175_MW38S_100416	C241175_MW39D_100416	C241175_MW39S_100416	C241175_MW42D_110917
			Sample Date	10/14/2016	09/10/2021	09/10/2021	10/05/2016	10/05/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	11/09/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 U	NA	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	2.1	0.75 J	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	1.4 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	NA	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	1.2 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	NA	7.9	7.6	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 UJ	NA	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 U	<250 UJ
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Acrolein	107-02-8	5	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	**2.8**	<0.5 U	NA	<0.5 U	<0.5 U	**1.2**	**1.1**	0.74	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 UJ	NA	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	1.2 J	0.95 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	6 J	NA	NA	<10 UJ	<10 UJ	<10 U	<10 U	0.32 J	<10 U	<10 U	1.5 J
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	1 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	1.6 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	10	NA	NA	68 J	66 J	<10 U	<10 U	0.43 J	<10 U	<10 U	1.5 J
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	1.7 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	0.99 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	0.84 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	NA	1 J	0.98 J	<2.5 U	<2.5 U	4	<2.5 U	<2.5 U	1 J
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<10 U	NA	NA	3 J	2.4 J	<10 U	<10 U	<10 U	<10 U	<10 U	<10 UJ
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	<2.5 U	<2.5 U	NA	6.8	6.6	0.74 J	<2.5 U	<2.5 U	1.1 J	<2.5 U	**24**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	1.6 J	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	<0.5 U	<0.5 U	NA	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 UJ	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 UJ
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 UJ	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
Vinyl Chloride	75-01-4	**2**	ug/l	<1 U	<1 U	NA	<1 U	<1 U	<1 U	<1 U	0.24 J	<1 U	<1 U	<1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW36S		C241175_MW36S(DS)	C241175_LB37_MW37D		C241175_LB38_MW38D		C241175_MW38S	C241175_LB39_MW39D	C241175_MW39S	C241175
			Sample Name	C241175_MW36S_101416	C241175_MW36S_091021	C241175_MW36S(DS)_091021	C241175_MW37D_100516	C241175_GWDUP02_100516	C241175_MW38D_100416	C241175_GWDUP01_100416	C241175_MW38S_100416	C241175_MW39D_100416	C241175_MW39S_100416	C241175_MW42D_110917
			Sample Date	10/14/2016	09/10/2021	09/10/2021	10/05/2016	10/05/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	11/09/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.03**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.4 U	<0.2 U	<0.2 U	<0.2 UJ
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.43	0.03 J	<0.1 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.4 U	<0.2 U	0.48	<0.1 UJ
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	1.3 J	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 UJ
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	1.9	0.96	0.59	9.8	7.9	0.43	0.54	0.68	<0.1 U	0.2	0.04 J
Acenaphthylene	208-96-8	NS	ug/l	0.1 J	0.03 J	0.02 J	0.11 J	0.08 J	<0.2 U	<0.2 U	<0.4 U	<0.2 U	<0.2 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.32	0.07 J	<0.1 U	0.12 J	0.11 J	0.04 J	0.04 J	0.13 J	<0.2 U	<0.2 U	<0.1 U
Atrazine	1912-24-9	7.5	ug/l	<10 U	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Azobenzene	103-33-3	5	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Benzidine	92-87-5	5	ug/l	<20 UJ	NA	NA	<20 U	<20 U	<20 UJ	<20 UJ	<20 UJ	<20 UJ	<20 UJ	<20 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.33**	**0.06 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.07 J**	**0.38 J**	**0.02 J**	**0.05 J**	**0.03 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.39**	**0.06 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.14 J**	**0.78**	**0.07 J**	**0.1 J**	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.46**	**0.07 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.11 J**	**0.77**	**0.04 J**	**0.07 J**	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.3	0.05 J	<0.1 U	<0.2 U	<0.2 U	<0.2 U	0.07 J	0.65	<0.2 U	<0.2 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.18 J**	**0.03 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	**0.27 J**	<0.2 U	<0.2 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	9.7 J	12 J	<50 U	<50 U	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 UJ	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 U	<3 UJ
Caprolactam	105-60-2	NS	ug/l	<10 U	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.29**	**0.04 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.05 J**	**0.32 J**	<0.2 U	<0.2 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.08 J	<0.1 U	<0.1 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.4 U	<0.2 U	<0.2 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.68	0.15	<0.1 U	0.1 J	0.09 J	0.05 J	0.1 J	0.34 J	<0.2 U	0.06 J	<0.1 U
Fluorene	86-73-7	**50**	ug/l	0.48	0.1	0.04 J	0.17 J	0.14 J	<0.2 U	0.04 J	0.1 J	<0.2 U	0.06 J	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<1 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U	<0.8 U	<0.8 UJ
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.24**	**0.06 J**	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.08 J**	**0.71**	<0.2 U	<0.2 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	1.2	<0.1 U	<0.1 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.17 J	<0.2 U	0.09 J	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	NA	NA	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 UJ	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<1.6 U	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.56	<0.1 U	<0.1 U	0.26	0.25	0.07 J	0.11 J	0.25 J	0.03 J	0.08 J	<0.1 U
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	0.58	0.16	<0.1 U	0.1 J	0.09 J	0.05 J	0.09 J	0.38 J	<0.2 U	0.09 J	<0.1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW36S		C241175_MW36S(DS)	C241175_LB37_MW37D		C241175_LB38_MW38D		C241175_MW38S	C241175_LB39_MW39D	C241175_MW39S	C241175
			Sample Name	C241175_MW36S_101416	C241175_MW36S_091021	C241175_MW36S(DS)_091021	C241175_MW37D_100516	C241175_GWDUP02_100516	C241175_MW38D_100416	C241175_GWDUP01_100416	C241175_MW38S_100416	C241175_MW39D_100416	C241175_MW39S_100416	C241175_MW42D_110917
			Sample Date	10/14/2016	09/10/2021	09/10/2021	10/05/2016	10/05/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	11/09/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Aldrin	309-00-2	0	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 UJ
Beta Endosulfan	33213-65-9	NS	ug/l	<0.04 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Dieldrin	60-57-1	**0.004**	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.04 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Endrin	72-20-8	0	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Endrin Ketone	53494-70-5	5	ug/l	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.04 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Heptachlor	76-44-8	0.04	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.02 U
Methoxychlor	72-43-5	35	ug/l	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U
Toxaphene	8001-35-2	0.06	ug/l	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.2 U
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 UJ
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10 U
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
Total PCBs	1336-36-3	**0.09**	ug/l	<0.083 U	NA	NA	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	4 J	NA	NA	<10 U	4 J	45 J	8 J	4 J	8 J	7 J	5 J
Antimony	7440-36-0	**3**	ug/l	<4 U	NA	NA	0.5 J	<4 U	<4 U	0.5 J	<4 U	<4 U	<4 U	1.55 J
Arsenic	7440-38-2	**25**	ug/l	2.4	NA	NA	6.4	6.3	0.3 J	0.4 J	0.4 J	3.5	0.2 J	0.43 J
Barium	7440-39-3	**1000**	ug/l	92.4	NA	NA	357.5	357.4	192.2	170.5	131	106.6	145.3	480.9
Beryllium	7440-41-7	3	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	148,000	NA	NA	200,000	178,000	88,600	85,100	79,200	65,300	95,200	99,900
Chromium, Total	7440-47-3	50	ug/l	0.3 J	NA	NA	0.4 J	0.8 J	1.3	<1 U	<1 U	<1 U	<1 U	1.35
Cobalt	7440-48-4	NS	ug/l	0.9	NA	NA	0.3 J	0.3 J	<0.5 U	0.2 J	0.4 J	0.2 J	<0.5 U	0.19 J
Copper	7440-50-8	200	ug/l	<1 U	NA	NA	0.4 J	<1 U	2	<1 U	<1 U	0.4 J	<1 U	<1 U
Iron	7439-89-6	**300**	ug/l	**830**	NA	NA	**43,200**	**42,800**	**4,710**	**4,120**	**2,740**	**7,900**	**7,270**	**2,780**
Lead	7439-92-1	25	ug/l	<0.5 U	NA	NA	<1 U	<1 U	1.7	<1 U	<1 U	<1 U	<1 U	<1 U
Magnesium	7439-95-4	**35000**	ug/l	27,500	NA	NA	**53,400**	**48,500**	**52,000**	**46,700**	17,200 J	**50,000**	18,300	**57,000**
Manganese	7439-96-5	**300**	ug/l	**331.8**	NA	NA	**5,951**	**5,418**	**896.2**	**870**	**542.3**	182	**526.6**	**811.2**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	5.6	NA	NA	<2 U	<2 U	1.7 J	1.3 J	1.4 J	1.4 J	<2 U	<2 U
Potassium	7440-09-7	NS	ug/l	77,600	NA	NA	27,100	27,600	24,100	23,100	19,700	20,700	17,500	39,800
Selenium	7782-49-2	10	ug/l	<5 U	NA	NA	2 J	<5 U	2 J	<5 U	<5 U	<5 U	2 J	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	NA	NA	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**634,000**	NA	NA	**128,000**	**118,000**	**162,000**	**161,000**	**147,000**	**134,000**	**292,000**	**560,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	<5 U	NA	NA	<5 U	<5 U	<5 U	<5 U	<5 U	1.9 J	<5 U	2.31 J
Zinc	7440-66-6	2000	ug/l	<10 U	NA	NA	<10 U	3.5 J	5.8 J	<10 U	<10 U	<10 U	<10 U	<10 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW36S		C241175_MW36S(DS)	C241175_LB37_MW37D		C241175_LB38_MW38D		C241175_MW38S	C241175_LB39_MW39D	C241175_MW39S	C241175
			Sample Name	C241175_MW36S_101416	C241175_MW36S_091021	C241175_MW36S(DS)_091021	C241175_MW37D_100516	C241175_GWDUP02_100516	C241175_MW38D_100416	C241175_GWDUP01_100416	C241175_MW38S_100416	C241175_MW39D_100416	C241175_MW39S_100416	C241175_MW42D_110917
			Sample Date	10/14/2016	09/10/2021	09/10/2021	10/05/2016	10/05/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	10/04/2016	11/09/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	910	NA	NA	78	81	297	293	47	249	120	233 J
Antimony	7440-36-0	**3**	ug/l	0.6 J	NA	NA	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U
Arsenic	7440-38-2	**25**	ug/l	3.3	NA	NA	6.9	5.9	0.7	0.7	0.7	3.7	0.3 J	0.6
Barium	7440-39-3	**1000**	ug/l	108	NA	NA	367.1	348	175.1	171.2	123.8	109	140.3	494.9
Beryllium	7440-41-7	**3**	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	0.1 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	**5**	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	142,000	NA	NA	194,000	174,000	87,300	88,100	86,900	69,400	98,100	93,500
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	1.8	NA	NA	<1 U	<1 U	2.2	1.9	<1 U	1.5	<1 U	1.63
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	1.5	NA	NA	0.4 J	0.4 J	0.6	0.7	0.49 J	0.6	<0.5 U	0.31 J
Copper	7440-50-8	**200**	ug/l	8.3	NA	NA	0.6 J	0.4 J	<1 U	1.2	<1 U	94.6	6.9	4.93 J
Iron	7439-89-6	**300**	ug/l	**2,840**	NA	NA	**44,900**	**42,500**	**4,980**	**4,870**	**2,650**	**8,690**	**7,400**	**3,170 J**
Lead	7439-92-1	**25**	ug/l	**39.5**	NA	NA	0.4 J	0.4 J	2.7	2.7	2	1.8	6.6	0.5 J
Magnesium	7439-95-4	**35000**	ug/l	26,500	NA	NA	**54,000**	**47,000**	**44,600**	**43,100**	15,900	**47,000**	18,100	**54,400**
Manganese	7439-96-5	**300**	ug/l	**366.6**	NA	NA	**5,815**	**5,231**	**832**	**857.8**	**561.2**	234	**564.8**	**821.7**
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	NA	NA	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	**100**	ug/l	7	NA	NA	<2 U	<2 U	1.7 J	1.5 J	<2 U	19.4	<2 U	0.91 J
Potassium	7440-09-7	NS	ug/l	68,800	NA	NA	29,700	27,500	22,100	21,700	18,400	20,200	17,100	37,700 J
Selenium	7782-49-2	**10**	ug/l	<5 U	NA	NA	<5 U	<5 U	4 J	2 J	<5 U	3 J	<5 U	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	NA	NA	<0.3 U	<0.3 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	**558,000**	NA	NA	**130,000**	**118,000**	**153,000**	**153,000**	**145,000**	**129,000**	**297,000**	**581,000**
Thallium	7440-28-0	0.5	ug/l	<0.5 U	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	3.7 J	NA	NA	<5 U	<5 U	3.4 J	3.3 J	<5 U	5.5	<5 U	2.48 J
Zinc	7440-66-6	**2000**	ug/l	27	NA	NA	4.2 J	14.3 J	8.8 J	5.8 J	<10 U	6.8 J	3.4 J	<10 U
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0663
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00801 J
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.326
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0174 J
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0021 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0206**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0619**
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00178 UJ
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	<10,000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	18496-25-8	**50**	ug/l	NA	<100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	5_MW42D	C241175_MW42S	C241175_MW43DB	C241175_MW43S	C241175_MW44D		C241175_MW44S		C241175_LB51_MW51D	C241175_MW51S	C241175_MW51S
			Sample Name	C241175_GWDUP04_110917	C241175_MW42S_110917	C241175_MW43DB_110817	C241175_MW43S_110817	C241175_MW44D_110817	C241175_MW44D_022221	C241175_MW44S_110817	C241175_MW44S_022221	C241175_MW51D_121316	C241175_MW51S_121316	C241175_MW51S_092221
			Sample Date	11/09/2017	11/09/2017	11/08/2017	11/08/2017	11/08/2017	02/22/2021	11/08/2017	02/22/2021	12/13/2016	12/13/2016	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	NA	<0.5 UJ	NA	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	NA	**15**	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
1,4-Dioxane (P-Doxane)	123-91-1	0.35	ug/l	<250 UJ	<250 UJ	<250 UJ	<250 UJ	<250 UJ	NA	<250 UJ	NA	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 UJ	<2 UJ	<2 UJ	NA	<2 UJ	NA	<2 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	<5 U	<5 U	11	14	7.8	NA	24	NA	2.4 J	20	5.8
Acrolein	107-02-8	5	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	NA	<5 UJ	NA	<5 U	<5 U	NA
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	<0.5 U	0.25 J	0.6	<0.5 U	NA	<0.5 U	NA	0.6	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	1.7 J	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	1.2 J	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	2.3 J	<2.5 U	2.8	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	1.3 J	<10 U	0.78 J	1.1 J	0.68 J	NA	0.41 J	NA	30	<10 U	NA
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	2.5	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	<2 U	NA	<2 U	<2 U	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	1.4 J	<10 U	0.8 J	0.44 J	1.9 J	NA	<10 U	NA	86	<10 U	NA
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	1.9 J	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	1.8 J	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	2.3 J	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	0.97 J	0.72 J	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	1.4 J	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<10 UJ	<10 UJ	<10 UJ	<10 UJ	<10 UJ	NA	<10 UJ	NA	16	<10 U	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	**25**	<2.5 U	**14**	5.8	**12**	NA	<2.5 U	NA	**27**	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	0.7 J	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ	NA	<2.5 UJ	NA	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	0.81	<0.5 U	0.25 J	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 UJ	<5 UJ	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	<1 U	<1 U	<1 UJ	<1 UJ	<1 UJ	NA	<1 UJ	NA	<1 U	<1 U	<1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	5_MW42D	C241175_MW42S	C241175_MW43DB	C241175_MW43S	C241175_MW44D		C241175_MW44S		C241175_LB51_MW51D	C241175_MW51S	C241175_MW51S
			Sample Name	C241175_GWDUP04_110917	C241175_MW42S_110917	C241175_MW43DB_110817	C241175_MW43S_110817	C241175_MW44D_110817	C241175_MW44D_022221	C241175_MW44S_110817	C241175_MW44S_022221	C241175_MW51D_121316	C241175_MW51S_121316	C241175_MW51S_092221
			Sample Date	11/09/2017	11/09/2017	11/08/2017	11/08/2017	11/08/2017	02/22/2021	11/08/2017	02/22/2021	12/13/2016	12/13/2016	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	**2.61**	NA	NA	NA	**0.483**	NA	**1.35**	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<19 U	<20 U	NA	<20 U	NA	<20 U	NA	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	0.04 J	<0.2 U	<0.2 U	<0.19 U	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	0.04 J	<0.1 U	NA	<0.1 U	NA	0.2	NA	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 UJ	<5 UJ	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 UJ	NA	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.04 J	<0.1 U	0.06 J	0.06 J	0.71	NA	0.93	NA	0.92	NA	0.15
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA	0.09 J	NA	0.12 J	NA	0.06 J
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U	0.07 J	0.07 J	0.13	<0.1 U	NA	0.31	NA	0.32	NA	0.22
Atrazine	1912-24-9	7.5	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	NA
Azobenzene	103-33-3	5	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	NA
Benzaldehyde	100-52-7	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	NA
Benzidine	92-87-5	5	ug/l	<20 UJ	<20 UJ	<20 UJ	<19 UJ	<20 UJ	NA	<20 UJ	NA	<20 UJ	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.03 J**	**0.06 J**	**0.56**	**1.2**	<0.1 U	NA	**0.12**	NA	**0.06 J**	NA	**1**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	<0.1 U	**0.99**	**2.4**	<0.1 U	NA	**0.14**	NA	<0.2 U	NA	**1.5**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.02 J**	**0.03 J**	**1.1**	**3.3**	<0.1 U	NA	**0.09 J**	NA	<0.2 U	NA	**1.6**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	0.97	3.5	<0.1 U	NA	0.05 J	NA	<0.2 U	NA	1.2
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	<0.1 U	**0.4**	**1.1**	<0.1 U	NA	<0.1 U	NA	<0.2 U	NA	**0.48**
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<48 U	<50 U	NA	<50 U	NA	<50 U	NA	10 J
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 UJ	<3 UJ	<3 U	<2.9 U	<3 U	NA	<3 U	NA	<3 U	NA	1.7 J
Caprolactam	105-60-2	NS	ug/l	<10 U	<10 U	<10 U	<9.6 U	<10 U	NA	<10 U	NA	<10 U	NA	NA
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	**0.05 J**	**0.48**	**1.1**	<0.1 U	NA	**0.09 J**	NA	**0.07 J**	NA	**0.82**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	0.26	0.83	<0.1 U	NA	0.06 J	NA	<0.2 U	NA	0.28
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	**320**	NA	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	0.14	0.52	0.94	<0.1 U	NA	0.47	NA	0.4	NA	1.3
Fluorene	86-73-7	**50**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA	0.15	NA	0.45	NA	0.1 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.76 U	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.48 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 UJ	<19 UJ	<20 UJ	NA	<20 UJ	NA	<20 U	NA	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 UJ	<0.8 UJ	<0.8 U	<0.76 U	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	<0.1 U	**1**	**3.5**	<0.1 U	NA	**0.12**	NA	<0.2 U	NA	**1.3**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.1 U	<0.1 U	0.06 J	0.14	0.09 J	NA	0.17	NA	0.35	NA	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<1.9 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.76 U	<0.8 U	NA	<0.8 U	NA	<0.8 U	NA	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.02 J	0.07 J	0.15	0.28	<0.1 U	NA	0.23	NA	1.3	NA	0.61
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<4.8 U	<5 U	NA	<5 U	NA	<5 U	NA	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	0.18	0.54	0.97	<0.1 U	NA	0.36	NA	0.35	NA	1.2

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	5_MW42D	C241175_MW42S	C241175_MW43DB	C241175_MW43S	C241175_MW44D		C241175_MW44S		C241175_LB51_MW51D	C241175_MW51S	C241175_MW51S
			Sample Name	C241175_GWDUP04_110917	C241175_MW42S_110917	C241175_MW43DB_110817	C241175_MW43S_110817	C241175_MW44D_110817	C241175_MW44D_022221	C241175_MW44S_110817	C241175_MW44S_022221	C241175_MW51D_121316	C241175_MW51S_121316	C241175_MW51S_092221
			Sample Date	11/09/2017	11/09/2017	11/08/2017	11/08/2017	11/08/2017	02/22/2021	11/08/2017	02/22/2021	12/13/2016	12/13/2016	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.02 UJ	<0.02 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	<0.04 U	<0.04 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.02 U	<0.02 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<2 UJ	<2 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<10 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	<0.083 U	<0.083 U	<0.083 U	<0.083 U	<0.083 U	NA	<0.091 U	NA	<0.083 U	NA	NA
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	5.52 J	4.2 J	4.72 J	24.9	5.75 J	NA	6.02 J	NA	16	NA	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	<4 U	<4 U	<4 U	<4 U	NA	<4 U	NA	<4 U	NA	NA
Arsenic	7440-38-2	**25**	ug/l	0.35 J	0.58	1.03	2.56	0.36 J	NA	3.86	NA	0.6	NA	NA
Barium	7440-39-3	**1000**	ug/l	490	**1,684**	360.6	136.5	396.5	NA	579.3	NA	401.7	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA
Calcium	7440-70-2	NS	ug/l	98,800	113,000	128,000	168,000	121,000	NA	412,000	NA	148,000	NA	NA
Chromium, Total	7440-47-3	50	ug/l	1.24	0.44 J	6.34	1.34	0.61 J	NA	0.64 J	NA	3.5	NA	NA
Cobalt	7440-48-4	NS	ug/l	<0.5 U	0.43 J	0.57	9.52	0.2 J	NA	1	NA	0.8	NA	NA
Copper	7440-50-8	200	ug/l	<1 U	0.53 J	<1 U	1.41	0.41 J	NA	<1 U	NA	0.999 J	NA	NA
Iron	7439-89-6	**300**	ug/l	**2,690**	**10,300**	**15,100**	**7,430**	**26,100**	NA	**18,600**	NA	**13,500**	NA	NA
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U	5.19	<1 U	NA	<1 U	NA	<0.5 U	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**56,800**	19,300	**60,600**	**111,000**	**55,400**	NA	**151,000**	NA	**90,000**	NA	NA
Manganese	7439-96-5	**300**	ug/l	**826.6**	**940**	**1,242**	**2,090**	**7,012**	NA	**1,342**	NA	**1,104**	NA	NA
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<0.2 U	NA	<0.2 U	NA	NA
Nickel	7440-02-0	100	ug/l	<2 U	<2 U	4.65	4.72	<2 U	NA	1.45 J	NA	2.1	NA	NA
Potassium	7440-09-7	NS	ug/l	40,000	25,000	33,300	44,000	25,700	NA	63,800	NA	73,500	NA	NA
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	<5 U	NA	<5 U	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U	NA	<0.4 U	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**577,000**	**231,000**	**176,000**	**306,000**	**149,000**	NA	**1,060,000**	NA	**1,220,000**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA
Vanadium	7440-62-2	NS	ug/l	2.38 J	<5 U	<5 U	1.68 J	<5 U	NA	2.59 J	NA	4 J	NA	NA
Zinc	7440-66-6	2000	ug/l	<10 U	4.14 J	32.53	143.9	7.31 J	NA	5.9 J	NA	7.9 J	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	5_MW42D	C241175_MW42S	C241175_MW43DB	C241175_MW43S	C241175_MW44D		C241175_MW44S		C241175_LB51_MW51D	C241175_MW51S	C241175_MW51S
			Sample Name	C241175_GWDUP04_110917	C241175_MW42S_110917	C241175_MW43DB_110817	C241175_MW43S_110817	C241175_MW44D_110817	C241175_MW44D_022221	C241175_MW44S_110817	C241175_MW44S_022221	C241175_MW51D_121316	C241175_MW51S_121316	C241175_MW51S_092221
			Sample Date	11/09/2017	11/09/2017	11/08/2017	11/08/2017	11/08/2017	02/22/2021	11/08/2017	02/22/2021	12/13/2016	12/13/2016	09/22/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	509 J	10.1	5,080	8,590	228	NA	20,000	NA	87	NA	NA
Antimony	7440-36-0	**3**	ug/l	<4 U	<4 U	0.85 J	**9.11**	<4 U	NA	0.9 J	NA	<4 U	NA	NA
Arsenic	7440-38-2	**25**	ug/l	0.53	0.72	8.45	15.79	0.42 J	NA	**26.52**	NA	0.8	NA	NA
Barium	7440-39-3	**1000**	ug/l	512	**1,653**	370	345	393.9	NA	**1,020**	NA	397.6	NA	NA
Beryllium	7440-41-7	**3**	ug/l	<0.5 U	<0.5 U	0.36 J	0.75	<0.5 U	NA	1.55	NA	<0.5 U	NA	NA
Cadmium	7440-43-9	**5**	ug/l	<0.2 U	<0.2 U	1.49	**5.7**	<0.2 U	NA	1	NA	<0.2 U	NA	NA
Calcium	7440-70-2	NS	ug/l	95,000	111,000	120,000	165,000	118,000	NA	513,000	NA	151,000	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	4 J	<10 U	<10 U	<10 U	NA	<10 U	NA	<10 U	NA	NA
Chromium, Total	7440-47-3	NS	ug/l	1.89	0.4 J	2,096	46.68	1.18	NA	54.22	NA	4.5	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	2,100	47	<10 U	NA	54	NA	<10 U	NA	NA
Cobalt	7440-48-4	NS	ug/l	0.42 J	0.45 J	29.71	18.59	0.41 J	NA	16.75	NA	0.9	NA	NA
Copper	7440-50-8	**200**	ug/l	8.52 J	0.47 J	57.77	145.9	1.07	NA	81.91	NA	<1 U	NA	NA
Iron	7439-89-6	**300**	ug/l	**3,230 J**	**10,400 J**	**33,700**	**26,700**	**26,100**	NA	**63,700**	NA	**14,100**	NA	NA
Lead	7439-92-1	**25**	ug/l	0.82 J	<1 U	**110.9**	**2,702**	0.84 J	NA	**1,033**	NA	1.3	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	**55,900**	20,400	**55,400**	**99,300**	**51,400**	NA	**142,000**	NA	**82,400**	NA	NA
Manganese	7439-96-5	**300**	ug/l	**801.8**	**962.3**	**1,448**	**2,260**	**6,834**	NA	**2,154**	NA	**1,108**	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	<0.2 U	<0.2 U	0.08 J	**3.7**	<0.2 U	NA	**1.56**	NA	<0.2 U	NA	NA
Nickel	7440-02-0	**100**	ug/l	1.41 J	0.64 J	**1,017**	21.4	0.88 J	NA	34.04	NA	1.978 J	NA	NA
Potassium	7440-09-7	NS	ug/l	39,000 J	25,900 J	31,800	41,600	24,800	NA	62,700	NA	75,400	NA	NA
Selenium	7782-49-2	**10**	ug/l	<5 U	<5 U	3.14 J	4.58 J	<5 U	NA	**10.8**	NA	2 J	NA	NA
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	0.36 J	<0.4 U	NA	0.66	NA	<0.4 U	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**568,000**	**240,000**	**147,000**	**258,000**	**132,000**	NA	**908,000**	NA	**1,120,000**	NA	NA
Thallium	7440-28-0	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	0.18 J	<0.5 U	NA	0.23 J	NA	<0.5 U	NA	NA
Vanadium	7440-62-2	NS	ug/l	2.64 J	<5 U	27.02	27.04	<5 U	NA	60.7	NA	4.3 J	NA	NA
Zinc	7440-66-6	**2000**	ug/l	3.6 J	<10 U	635.8	**4,532**	<10 U	NA	823.8	NA	7 J	NA	NA
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	0.00572 J	NA	NA	NA	0.0067	NA	<0.00318 U	NA	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	0.0114	NA	0.00798	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	0.00243 J	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	0.0123 J	NA	NA	NA	0.0047	NA	0.00357 J	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	0.00229 J	NA	NA	NA	0.00325	NA	0.00183 J	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	0.0211 J	NA	NA	NA	0.00394	NA	<0.00314 U	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	0.0049 J	NA	NA	NA	<0.00348 U	NA	<0.00183 U	NA	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	**0.0179 J**	NA	NA	NA	**0.00845**	NA	<0.00183 U	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	**0.0328 J**	NA	NA	NA	**0.0457**	NA	**0.0162**	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	0.00401 J	NA	0.00395 J	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	<0.00172 UJ	NA	NA	NA	<0.00182 U	NA	<0.00183 U	NA	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	0.0542	NA	0.0162	NA	NA	NA
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300,000**
Sulfide	18496-25-8	**50**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**190**
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW51S(DS)	C241175_LB56_MW56D		C241175_MW56S		C241175_MW56S(DS)		C241175_LB57_MW57D		C241175_MW57S	
			Sample Name	C241175_MW51S(DS)_092221	C241175_MW56D_121316	C241175_MW56S_121316	C241175_MW56S_092321	C241175_GWDUP06_092321	C241175_MW56S(DS)_092321	C241175_GWDUP06(DS)_092321	C241175_MW57D_121416	C241175_GWDUP03_121416	C241175_MW57S_121416	C241175_MW57S_090821
			Sample Date	09/22/2021	12/13/2016	12/13/2016	09/23/2021	09/23/2021	09/23/2021	09/23/2021	12/14/2016	12/14/2016	12/14/2016	09/08/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	<12 U	<6.2 U	NA	NA	NA	NA	<10 U	<10 U	<2.5 U	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA	<7.5 U	<3.8 U	<1.5 U	<1.5 U	NA	NA	<6 U	<6 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	4.5 J	<5 U	<2 U	<2 U	NA	NA	**8**	**8.2**	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA	<10 U	<5 U	<2 U	<2 U	NA	NA	<8 U	<8 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	NA	<5 U	<2.5 U	<1 U	<1 U	NA	NA	<4 U	<4 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	8.9 J	<5 U	<2 U	<2 U	NA	NA	<8 U	<8 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA	<1,200 U	<620 U	<250 UJ	<250 UJ	NA	NA	<1,000 U	<1,000 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	<10 U	<5 U	<2 U	<2 U	NA	NA	<8 U	<8 U	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	NA	8.1 J	32	4.1 J	3.8 J	NA	NA	<20 U	<20 U	16	<5 U
Acrolein	107-02-8	5	ug/l	NA	<25 U	<12 U	NA	NA	NA	NA	<20 U	<20 U	<5 U	NA
Acrylonitrile	107-13-1	5	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	NA	**1.2 J**	<1.2 U	<0.5 U	<0.5 U	NA	NA	0.79 J	0.83 J	**1.7**	**1.3**
Bromobenzene	108-86-1	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	NA	<10 U	<5 U	<2 U	<2 U	NA	NA	<8 U	<8 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	59	<25 U	NA	NA	NA	NA	8.9 J	9.5 J	<10 U	NA
Cymene	99-87-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<12 U	<6.2 U	<2.5 UJ	<2.5 UJ	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA	**10 J**	<6.2 U	<2.5 U	<2.5 U	NA	NA	**14**	**14**	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	<10 U	<5 U	NA	NA	NA	NA	<8 U	<8 U	<2 U	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA	<25 U	6.5 J	<5 U	<5 U	NA	NA	<20 U	<20 U	4.5 J	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	110	<25 U	NA	NA	NA	NA	110	110	0.58 J	NA
Methylene Chloride	75-09-2	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	NA	**12**	<6.2 U	<2.5 U	<2.5 U	NA	NA	**14**	**14**	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	NA	3.9 J	<6.2 U	<2.5 U	<2.5 U	NA	NA	3.1 J	3.2 J	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	<50 U	<25 U	NA	NA	NA	NA	<40 U	<40 U	<10 U	NA
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	NA	**6.2 J**	**160**	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	0.9 J	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	<2.5 U
Total Xylenes	1330-20-7	**5**	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 UJ
Trichloroethene (TCE)	79-01-6	5	ug/l	NA	<2.5 U	<1.2 U	<0.5 U	<0.5 U	NA	NA	<2 U	<2 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	NA	<12 U	<6.2 U	<2.5 U	<2.5 U	NA	NA	<10 U	<10 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	<25 U	<12 U	<5 U	<5 U	NA	NA	<20 U	<20 U	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	NA	<5 U	<2.5 U	<1 U	<1 U	NA	NA	<4 U	<4 U	<1 U	<1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW51S(DS)	C241175_LB56_MW56D		C241175_MW56S		C241175_MW56S(DS)		C241175_LB57_MW57D		C241175_MW57S	
			Sample Name	C241175_MW51S(DS)_092221	C241175_MW56D_121316	C241175_MW56S_121316	C241175_MW56S_092321	C241175_GWDUP06_092321	C241175_MW56S(DS)_092321	C241175_GWDUP06(DS)_092321	C241175_MW57D_121416	C241175_GWDUP03_121416	C241175_MW57S_121416	C241175_MW57S_090821
			Sample Date	09/22/2021	12/13/2016	12/13/2016	09/23/2021	09/23/2021	09/23/2021	09/23/2021	12/14/2016	12/14/2016	12/14/2016	09/08/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<39 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	<5 U	<19 U	NA	NA	NA	NA	<5 U	<5 U	<5 U	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<77 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<1 U	<0.4 U	<0.39 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.5 U	4.7	<0.39 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.71	0.71	<0.2 U	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<39 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	200	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<39 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 UJ	<19 UJ	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<39 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	<0.5 U	0.71	<0.19 U	0.05 J	0.02 J	<0.1 U	<0.1 U	0.36	0.39	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.5 U	0.34 J	<0.39 U	0.06 J	0.02 J	<0.1 U	0.02 J	0.15 J	0.12 J	<0.2 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	<0.5 U	0.42	<0.39 U	0.12	0.05 J	<0.1 U	<0.1 U	0.14 J	0.12 J	<0.2 U	<0.1 U
Atrazine	1912-24-9	7.5	ug/l	NA	<10 U	<39 U	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA
Azobenzene	103-33-3	5	ug/l	NA	<2 U	<7.7 U	NA	NA	NA	NA	<2 U	<2 U	<2 U	NA
Benzaldehyde	100-52-7	NS	ug/l	NA	<5 U	<19 U	NA	NA	NA	NA	<5 U	<5 U	<5 U	NA
Benzidine	92-87-5	5	ug/l	NA	<20 UJ	<77 UJ	NA	NA	NA	NA	<20 UJ	<20 UJ	<20 UJ	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.5 U	**0.48**	<0.39 U	**0.5 J**	**0.24 J**	<0.1 U	<0.1 U	**0.04 J**	**0.04 J**	**0.06 J**	**0.02 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.5 U	**0.35 J**	<0.39 U	**0.58 J**	**0.26 J**	<0.1 U	<0.1 U	<0.2 U	<0.2 U	**0.07 J**	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.5 U	**0.18 J**	<0.39 U	**0.65 J**	**0.28 J**	<0.1 U	<0.1 U	<0.2 U	<0.2 U	**0.08 J**	**0.03 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.5 U	0.28 J	<0.39 U	0.65 J	0.3 J	<0.1 U	<0.1 U	<0.2 U	<0.2 U	0.06 J	0.03 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.5 U	<0.4 U	<0.39 U	**0.2**	**0.11**	<0.1 U	<0.1 U	<0.2 U	<0.2 U	<0.2 U	**0.01 J**
Benzoic Acid	65-85-0	NS	ug/l	18 J	<50 U	<190 U	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	<50 U	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<12 U	2.5 J	1.9 J	1.5 J	4.6 J	<3 U	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	<10 U	<39 U	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.5 U	**0.61**	<0.39 U	**0.46 J**	**0.22 J**	<0.1 U	<0.1 U	**0.05 J**	**0.05 J**	**0.05 J**	**0.01 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.5 U	0.1 J	<0.39 U	0.14	0.06 J	<0.1 U	<0.1 U	<0.2 U	<0.2 U	<0.2 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.5 U	0.28 J	<0.39 U	0.72 J	0.34 J	0.02 J	0.02 J	0.05 J	0.05 J	0.05 J	0.02 J
Fluorene	86-73-7	**50**	ug/l	<0.5 U	0.72	<0.39 U	0.08 J	0.03 J	<0.1 U	0.01 J	0.5	0.5	<0.2 U	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<4 U	<1.6 U	<1.5 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<1 U	<0.96 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<77 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<4 U	<1.6 U	<1.5 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.5 U	**0.1 J**	<0.39 U	**0.55 J**	**0.25 J**	<0.1 U	<0.1 U	<0.2 U	<0.2 U	**0.06 J**	**0.03 J**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.5 U	1.8	<0.39 U	<0.1 U	<0.1 U	<0.1 UJ	0.43 J	0.65	0.68	<0.2 U	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	<2 U	<7.7 U	NA	NA	NA	NA	<2 U	<2 U	<2 U	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<7.7 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<4 U	<1.6 U	<1.5 U	<0.8 U	<0.8 U	0.12 J	0.15 J	<0.8 U	<0.8 U	<0.8 U	0.12 J
Phenanthrene	85-01-8	**50**	ug/l	<0.5 U	1.7	<0.39 U	0.44 J	0.2 J	0.03 J	0.03 J	0.87	0.75	0.06 J	0.04 J
Phenol	108-95-2	**1**	ug/l	0.76 J	<5 U	<19 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.5 U	0.83	<0.39 U	0.72 J	0.33 J	0.02 J	<0.1 U	0.16 J	0.15 J	0.08 J	<0.1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW51S(DS)	C241175_LB56_MW56D		C241175_MW56S		C241175_MW56S(DS)		C241175_LB57_MW57D		C241175_MW57S	
			Sample Name	C241175_MW51S(DS)_092221	C241175_MW56D_121316	C241175_MW56S_121316	C241175_MW56S_092321	C241175_GWDUP06_092321	C241175_MW56S(DS)_092321	C241175_GWDUP06(DS)_092321	C241175_MW57D_121416	C241175_GWDUP03_121416	C241175_MW57S_121416	C241175_MW57S_090821
			Sample Date	09/22/2021	12/13/2016	12/13/2016	09/23/2021	09/23/2021	09/23/2021	09/23/2021	12/14/2016	12/14/2016	12/14/2016	09/08/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides														
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	0.124	0.095	0.122	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	<0.083 U	<0.083 U	<0.083 U	NA
Total PCBs	1336-36-3	**0.09**	ug/l	NA	<0.083 U	<0.083 U	NA	NA	NA	NA	**0.124**	**0.095**	**0.122**	NA
Metals - Dissolved														
Aluminum	7429-90-5	NS	ug/l	NA	12	20	NA	NA	NA	NA	48	50	4 J	NA
Antimony	7440-36-0	**3**	ug/l	NA	0.9 J	1.3 J	NA	NA	NA	NA	<4 U	<4 U	<4 U	NA
Arsenic	7440-38-2	**25**	ug/l	NA	0.7	9.5	NA	NA	NA	NA	1.8	1.7	**156.6**	NA
Barium	7440-39-3	**1000**	ug/l	NA	88.7	5.6	NA	NA	NA	NA	**1,092**	**1,026**	62.1	NA
Beryllium	7440-41-7	3	ug/l	NA	<0.5 U	<0.5 U	NA	NA	NA	NA	0.1 J	0.1 J	<0.5 U	NA
Cadmium	7440-43-9	5	ug/l	NA	<0.2 U	<0.2 U	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA
Calcium	7440-70-2	NS	ug/l	NA	118,000	107,000	NA	NA	NA	NA	59,400	54,600	122,000	NA
Chromium, Total	7440-47-3	50	ug/l	NA	0.8 J	0.3 J	NA	NA	NA	NA	7.7	7.2	<1 U	NA
Cobalt	7440-48-4	NS	ug/l	NA	2.1	2.6	NA	NA	NA	NA	1.4	1.3	4.6	NA
Copper	7440-50-8	200	ug/l	NA	0.5 J	2.1	NA	NA	NA	NA	<1 U	<1 U	2.2	NA
Iron	7439-89-6	**300**	ug/l	NA	**2,580**	**7,390**	NA	NA	**693 J**	**1,320 J**	**47,700**	**42,500**	**5,300**	NA
Lead	7439-92-1	25	ug/l	NA	<0.5 U	0.6	NA	NA	NA	NA	<1 U	<1 U	0.6 J	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	24,900	10,100	NA	NA	NA	NA	**116,000**	**112,000**	15,300	NA
Manganese	7439-96-5	**300**	ug/l	NA	183.4	197.2	NA	NA	105	116.1	**513.7**	**461.9**	**582.2**	NA
Mercury	7439-97-6	0.7	ug/l	NA	<0.2 U	<0.2 U	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA
Nickel	7440-02-0	100	ug/l	NA	6.4	13.2	NA	NA	NA	NA	4.1	2.8	10	NA
Potassium	7440-09-7	NS	ug/l	NA	64,300	55,900	NA	NA	NA	NA	73,100	68,400	72,000	NA
Selenium	7782-49-2	10	ug/l	NA	<5 U	<5 U	NA	NA	NA	NA	3 J	<5 U	<5 U	NA
Silver	7440-22-4	50	ug/l	NA	<0.4 U	<0.4 U	NA	NA	NA	NA	<0.4 U	<0.4 U	<0.4 U	NA
Sodium	7440-23-5	**20000**	ug/l	NA	**504,000**	**236,000**	NA	NA	NA	NA	**960,000**	**1,020,000**	**402,000**	NA
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	<0.5 U	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	NA
Vanadium	7440-62-2	NS	ug/l	NA	1.7 J	<5 U	NA	NA	NA	NA	13.7	14.1	<5 U	NA
Zinc	7440-66-6	2000	ug/l	NA	<10 U	<10 U	NA	NA	NA	NA	<10 U	3.5 J	32.4	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW51S(DS)	C241175_LB56_MW56D		C241175_MW56S		C241175_MW56S(DS)		C241175_LB57_MW57D		C241175_MW57S	
			Sample Name	C241175_MW51S(DS)_092221	C241175_MW56D_121316	C241175_MW56S_121316	C241175_MW56S_092321	C241175_GWDUP06_092321	C241175_MW56S(DS)_092321	C241175_GWDUP06(DS)_092321	C241175_MW57D_121416	C241175_GWDUP03_121416	C241175_MW57S_121416	C241175_MW57S_090821
			Sample Date	09/22/2021	12/13/2016	12/13/2016	09/23/2021	09/23/2021	09/23/2021	09/23/2021	12/14/2016	12/14/2016	12/14/2016	09/08/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total														
Aluminum	7429-90-5	NS	ug/l	NA	3,820	53	NA	NA	NA	NA	516	408	211	NA
Antimony	7440-36-0	**3**	ug/l	NA	<4 U	<4 U	NA	NA	NA	NA	<4 U	<4 U	<4 U	NA
Arsenic	7440-38-2	**25**	ug/l	NA	3.5	13.3	NA	NA	NA	NA	1.6	2.5	**167.2**	NA
Barium	7440-39-3	**1000**	ug/l	NA	138.5	7.3	NA	NA	NA	NA	**1,195**	**1,229**	75.7	NA
Beryllium	7440-41-7	**3**	ug/l	NA	0.4 J	<0.5 U	NA	NA	NA	NA	0.2 J	0.2 J	<0.5 U	NA
Cadmium	7440-43-9	**5**	ug/l	NA	<0.2 U	0.1 J	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA
Calcium	7440-70-2	NS	ug/l	NA	127,000	114,000	NA	NA	NA	NA	75,300	76,000	139,000	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	<10 U	<10 U	NA	NA	NA	NA	<10 U	<10 U	<10 U	NA
Chromium, Total	7440-47-3	NS	ug/l	NA	10	<1 U	NA	NA	NA	NA	10	10.3	0.7 J	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	10	<10 U	NA	NA	NA	NA	10	10	<10 U	NA
Cobalt	7440-48-4	NS	ug/l	NA	4.6	3.1	NA	NA	NA	NA	1.9	1.7	5.2	NA
Copper	7440-50-8	**200**	ug/l	NA	10.8	15.1	NA	NA	NA	NA	2	2	6.2	NA
Iron	7439-89-6	**300**	ug/l	NA	**7,940**	**8,400**	**2,120**	**2,120**	NA	NA	**48,300**	**48,600**	**5,690**	NA
Lead	7439-92-1	**25**	ug/l	NA	15.6	4.8	NA	NA	NA	NA	1.8	1.2	15.9	NA
Magnesium	7439-95-4	**35000**	ug/l	NA	26,500	11,300	NA	NA	NA	NA	**117,000**	**120,000**	17,000	NA
Manganese	7439-96-5	**300**	ug/l	NA	234	216.3	148.8	148.5	NA	NA	**549.4**	**566.8**	**618.8**	NA
Mercury	7439-97-6	**0.7**	ug/l	NA	<0.2 U	<0.2 U	NA	NA	NA	NA	<0.2 U	<0.2 U	<0.2 U	NA
Nickel	7440-02-0	**100**	ug/l	NA	12.4	15.6	NA	NA	NA	NA	4.5	4.3	11.6	NA
Potassium	7440-09-7	NS	ug/l	NA	67,300	58,800	NA	NA	NA	NA	78,800	81,100	78,200	NA
Selenium	7782-49-2	**10**	ug/l	NA	3 J	2 J	NA	NA	NA	NA	2 J	3 J	2 J	NA
Silver	7440-22-4	50	ug/l	NA	<0.4 U	<0.4 U	NA	NA	NA	NA	<0.4 U	<0.4 U	<0.4 U	NA
Sodium	7440-23-5	**20000**	ug/l	NA	**495,000**	**218,000**	NA	NA	NA	NA	**1,250,000**	**1,220,000**	**324,000**	NA
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	<0.5 U	NA	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	NA
Vanadium	7440-62-2	NS	ug/l	NA	17.2	1.6 J	NA	NA	NA	NA	19.3	19.5	<5 U	NA
Zinc	7440-66-6	**2000**	ug/l	NA	28.4	13.8	NA	NA	NA	NA	8.9 J	8.1 J	98.6	NA
Per- and Polyfluoroalkyl Substances														
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry														
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	7,700	7,800	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	97,000	79,000	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	3,360	3,390	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	62	60	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	16,300	16,800	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	NA	NA	220,000	220,000	NA	NA	NA	NA	NA	160,000
Sulfide	18496-25-8	**50**	ug/l	NA	NA	NA	<100 UJ	**200 J**	NA	NA	NA	NA	NA	<100 U
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	18,000	18,000	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
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ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW57S(DS)	C241175_LB58_MW58D	C241175_MW58D	C241175_MW58D(DS)	C241175_LB59_MW59D	C241175_MW59S
			Sample Name	C241175_MW57S(DS)_090821	C241175_MW58D_121416	C241175_MW58D_090821	C241175_MW58D(DS)_090821	C241175_MW59D_121516	C241175_MW59S_121416
			Sample Date	09/08/2021	12/14/2016	09/08/2021	09/08/2021	12/15/2016	12/14/2016
			Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	<5 U	NA	NA	<2.5 U	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA	<3 U	<1.5 U	NA	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	NA	<4 U	**11**	NA	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA	<4 U	<2 U	NA	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	NA	<2 U	<1 U	NA	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	4	<2 U	NA	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	NA	<500 U	<250 U	NA	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	<4 U	<2 U	NA	<2 U	<2 U
Acetone	67-64-1	**50**	ug/l	NA	3.4 J	<5 U	NA	1.5 J	7.5
Acrolein	107-02-8	5	ug/l	NA	<10 U	NA	NA	<5 U	<5 U
Acrylonitrile	107-13-1	5	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	NA	0.83 J	0.25 J	NA	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	NA	<4 U	<2 U	NA	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	NA	1.4 J	0.87 J	NA	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	12 J	NA	NA	12	5.6 J
Cymene	99-87-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA	<5 U	1.6 J	NA	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	NA	<4 U	NA	NA	<2 U	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	44	NA	NA	4.5 J	11
Methylene Chloride	75-09-2	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	NA	1.7 J	<2.5 U	NA	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	NA	<5 U	1.9 J	NA	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	NA	1.4 J	1.2 J	NA	<2.5 U	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	86	NA	NA	3.4 J	2.8 J
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	NA	**21**	1.9 J	NA	3.6	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	<2.5 U	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	NA	<5 U	<2.5 UJ	NA	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	NA	<1 U	<0.5 U	NA	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	NA	<5 U	<2.5 U	NA	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	<10 U	<5 U	NA	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	NA	<2 U	<1 U	NA	<1 U	<1 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW57S(DS)	C241175_LB58_MW58D	C241175_MW58D	C241175_MW58D(DS)	C241175_LB59_MW59D	C241175_MW59S
			Sample Name	C241175_MW57S(DS)_090821	C241175_MW58D_121416	C241175_MW58D_090821	C241175_MW58D(DS)_090821	C241175_MW59D_121516	C241175_MW59S_121416
			Sample Date	09/08/2021	12/14/2016	09/08/2021	09/08/2021	12/15/2016	12/14/2016
			Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	<5 U	NA	NA	<5 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	0.02 J	0.06 J	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	0.4	0.11	<0.1 U	0.11 J	0.05 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	<0.1 U	0.42	0.59	<0.1 U	0.29	0.17
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	0.05 J	0.12	<0.1 U	0.04 J	<0.2 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.03 J	0.1 J	0.14	0.04 J	0.14 J	0.2
Atrazine	1912-24-9	7.5	ug/l	NA	<10 U	NA	NA	<10 U	<10 U
Azobenzene	103-33-3	5	ug/l	NA	<2 U	NA	NA	<2 U	<2 U
Benzaldehyde	100-52-7	NS	ug/l	NA	<5 U	NA	NA	<5 U	<5 U
Benzidine	92-87-5	5	ug/l	NA	<20 UJ	NA	NA	<20 UJ	<20 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.06 J**	<0.2 U	**0.12**	**0.03 J**	**0.04 J**	**0.73**
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.02 J**	<0.2 U	**0.11**	<0.1 U	<0.2 U	**1.3**
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.05 J**	<0.2 U	**0.07 J**	**0.02 J**	**0.03 J**	**1.5**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J	<0.2 U	0.1	<0.1 U	<0.2 U	1
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.03 J**	<0.2 U	**0.03 J**	**0.01 J**	<0.2 U	**0.59**
Benzoic Acid	65-85-0	NS	ug/l	<50 UJ	<50 U	<50 UJ	<50 UJ	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	4.2	<3 U	<3 U	<3 U
Caprolactam	105-60-2	NS	ug/l	NA	<10 U	NA	NA	<10 U	<10 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.04 J**	<0.2 U	**0.1**	<0.1 U	<0.2 U	**0.81**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	0.02 J	<0.2 U	0.03 J	<0.1 U	<0.2 U	0.29
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.07 J	0.08 J	0.11	0.03 J	0.11 J	0.9
Fluorene	86-73-7	**50**	ug/l	0.02 J	0.25	0.48	<0.1 U	0.07 J	0.09 J
Hexachlorobenzene	118-74-1	0.04	ug/l	0.03 J	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.03 J**	<0.2 U	**0.06 J**	<0.1 U	<0.2 U	**1.1**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	<0.1 U	1.2	0.44	0.18	0.17 J	0.12 J
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	<2 U	NA	NA	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.11 J	<0.8 U	<0.8 U	0.12 J	<0.8 U	<0.8 U
Phenanthrene	85-01-8	**50**	ug/l	0.05 J	0.37	0.26	0.03 J	0.12 J	0.52
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	0.06 J	0.09 J	0.26	0.03 J	0.24	0.88

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW57S(DS)	C241175_LB58_MW58D	C241175_MW58D	C241175_MW58D(DS)	C241175_LB59_MW59D	C241175_MW59S
			Sample Name	C241175_MW57S(DS)_090821	C241175_MW58D_121416	C241175_MW58D_090821	C241175_MW58D(DS)_090821	C241175_MW59D_121516	C241175_MW59S_121416
			Sample Date	09/08/2021	12/14/2016	09/08/2021	09/08/2021	12/15/2016	12/14/2016
			Unit	Result	Result	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	NA	NA	NA
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	0.117	NA	NA	<0.083 U	0.087
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	<0.083 U	NA	NA	<0.083 U	<0.083 U
Total PCBs	1336-36-3	**0.09**	ug/l	NA	**0.117**	NA	NA	<0.083 U	0.087
Metals - Dissolved									
Aluminum	7429-90-5	NS	ug/l	NA	47	NA	NA	38	27
Antimony	7440-36-0	**3**	ug/l	NA	<4 U	NA	NA	<4 U	**5.2**
Arsenic	7440-38-2	**25**	ug/l	NA	5.5	NA	NA	5.1	6.8
Barium	7440-39-3	**1000**	ug/l	NA	605.4	NA	NA	161.8	90
Beryllium	7440-41-7	3	ug/l	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	NA	<0.2 U	NA	NA	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	NA	111,000	NA	NA	78,100	98,800
Chromium, Total	7440-47-3	50	ug/l	NA	1.5	NA	NA	1.1	<1 U
Cobalt	7440-48-4	NS	ug/l	NA	0.2 J	NA	NA	0.3 J	0.45 J
Copper	7440-50-8	200	ug/l	NA	<1 U	NA	NA	0.9 J	0.7 J
Iron	7439-89-6	**300**	ug/l	NA	**3,630 J**	NA	NA	**804**	35 J
Lead	7439-92-1	25	ug/l	NA	<1 U	NA	NA	<1 U	0.6 J
Magnesium	7439-95-4	**35000**	ug/l	NA	**78,100**	NA	NA	18,000	24,600
Manganese	7439-96-5	**300**	ug/l	NA	**712.2 J**	NA	NA	212.8	176.6
Mercury	7439-97-6	0.7	ug/l	NA	<0.2 U	NA	NA	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	NA	2.1	NA	NA	1.9 J	2.9
Potassium	7440-09-7	NS	ug/l	NA	64,400	NA	NA	18,000	68,600
Selenium	7782-49-2	10	ug/l	NA	<5 U	NA	NA	<5 U	<5 U
Silver	7440-22-4	50	ug/l	NA	<0.4 U	NA	NA	<0.6 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	NA	**1,230,000**	NA	NA	**301,000**	**541,000**
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	NA	NA	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	NA	8.3	NA	NA	10.6	14.3
Zinc	7440-66-6	2000	ug/l	NA	<10 U	NA	NA	<10 U	<10 U

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW57S(DS)	C241175_LB58_MW58D	C241175_MW58D	C241175_MW58D(DS)	C241175_LB59_MW59D	C241175_MW59S
			Sample Name	C241175_MW57S(DS)_090821	C241175_MW58D_121416	C241175_MW58D_090821	C241175_MW58D(DS)_090821	C241175_MW59D_121516	C241175_MW59S_121416
			Sample Date	09/08/2021	12/14/2016	09/08/2021	09/08/2021	12/15/2016	12/14/2016
			Unit	Result	Result	Result	Result	Result	Result
Metals - Total									
Aluminum	7429-90-5	NS	ug/l	NA	290	NA	NA	191	96,400
Antimony	7440-36-0	**3**	ug/l	NA	<4 U	NA	NA	<4 U	<4 U
Arsenic	7440-38-2	**25**	ug/l	NA	7.2	NA	NA	4.9	22.9
Barium	7440-39-3	**1000**	ug/l	NA	599.5	NA	NA	158	**1,764**
Beryllium	7440-41-7	**3**	ug/l	NA	<0.5 U	NA	NA	<0.5 U	**13.8**
Cadmium	7440-43-9	**5**	ug/l	NA	<0.2 U	NA	NA	<0.2 U	2.7
Calcium	7440-70-2	NS	ug/l	NA	124,000	NA	NA	75,400	342,000
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	<10 U	NA	NA	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	NA	2.5	NA	NA	1.3	403.1
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	<10 U	NA	NA	<10 U	400
Cobalt	7440-48-4	NS	ug/l	NA	0.4 J	NA	NA	0.49 J	117.5
Copper	7440-50-8	**200**	ug/l	NA	0.9 J	NA	NA	1.4	**530.1**
Iron	7439-89-6	**300**	ug/l	NA	**3,920**	NA	NA	**1,040**	**213,000**
Lead	7439-92-1	**25**	ug/l	NA	0.8 J	NA	NA	0.4 J	**560.9**
Magnesium	7439-95-4	**35000**	ug/l	NA	**78,000**	NA	NA	17,500	**59,400**
Manganese	7439-96-5	**300**	ug/l	NA	**748.4**	NA	NA	202.3	**5,064**
Mercury	7439-97-6	**0.7**	ug/l	NA	<0.2 U	NA	NA	<0.2 U	**3.11**
Nickel	7440-02-0	**100**	ug/l	NA	2.6	NA	NA	2.3	**265.8**
Potassium	7440-09-7	NS	ug/l	NA	64,400	NA	NA	18,300	69,800
Selenium	7782-49-2	**10**	ug/l	NA	<5 U	NA	NA	<5 U	**48**
Silver	7440-22-4	50	ug/l	NA	<0.4 UJ	NA	NA	<0.4 U	0.9
Sodium	7440-23-5	**20000**	ug/l	NA	**1,220,000**	NA	NA	**289,000**	**409,000**
Thallium	7440-28-0	0.5	ug/l	NA	<0.5 U	NA	NA	<0.5 U	<2.5 U
Vanadium	7440-62-2	NS	ug/l	NA	11.5	NA	NA	11.3	295.2
Zinc	7440-66-6	**2000**	ug/l	NA	6.5 J	NA	NA	<10 U	1,454
Per- and Polyfluoroalkyl Substances									
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	NA
General Chemistry									
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	NA	NA	<10,000 U	NA	NA	NA
Sulfide	18496-25-8	**50**	ug/l	NA	NA	<100 U	NA	NA	NA
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW61D	C241175_MW61D(DS)	C241175_LB61_MW61DB	C241175_MW61S		C241175_MW61S(DS)	C241175_LB62_MW62DB	C241175_MW62S
			Sample Name	C241175_MW61D_090921	C241175_MW61D(DS)_090921	C241175_MW61DB_110817	C241175_MW61S_110917	C241175_MW61S_090921	C241175_MW61S(DS)_090921	C241175_MW62DB_120617	C241175_MW62S_120617
			Sample Date	09/09/2021	09/09/2021	11/08/2017	11/09/2017	09/09/2021	09/09/2021	12/06/2017	12/06/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	NA	<0.5 UJ	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	<2.5 U	<2.5 U	NA	NA	<2.5 U	<2.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	0.55 J	1.1 J
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	NA	<1 U	<1 U	<1 U	NA	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	NA	<250 UJ	<250 UJ	<250 U	NA	<250 UJ	<250 UJ
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	NA	<2 UJ	<2 U	<2 U	NA	<2 UJ	<2 UJ
Acetone	67-64-1	**50**	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	1.8 J	2.3 J
Acrolein	107-02-8	5	ug/l	NA	NA	<5 UJ	<5 UJ	NA	NA	<5 UJ	<5 UJ
Acrylonitrile	107-13-1	5	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Benzene	71-43-2	**1**	ug/l	<0.5 U	NA	0.25 J	<0.5 U	<0.5 U	NA	<0.5 U	0.29 J
Bromobenzene	108-86-1	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 U	<2.5 U	NA	<2.5 UJ	<2.5 UJ
Carbon Disulfide	75-15-0	60	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	1 J
Chloromethane	74-87-3	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	0.94 J	<10 U	NA	NA	1 J	23
Cymene	99-87-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 UJ	<2.5 UJ
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	1.4 J
M,P-Xylene	179601-23-1	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	2.7
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	<2 U	<2 U	NA	NA	<2 U	<2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	NA	<5 U	<5 U	<5 U	NA	<5 U	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	2.6 J	<10 U	NA	NA	0.66 J	16
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	NA	0.88 J	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 U	<2.5 U	NA	1.4 J	2.7
n-Butylbenzene	104-51-8	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	1.2 J
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	NA	0.86 J	<2.5 U	<2.5 U	NA	1.2 J	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	<10 UJ	<10 UJ	NA	NA	52	11
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	**10**	ug/l	1.7 J	NA	**14**	<2.5 U	<2.5 U	NA	**41**	4.6
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	NA	NA	NA	<2.5 U	NA	NA	NA
Total Xylenes	1330-20-7	**5**	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	3.9 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	**0.4**	ug/l	<0.5 U	NA	**0.58**	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	<0.5 U	NA	**0.58**	<0.5 U	<0.5 U	NA	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	NA	<2.5 UJ	<2.5 UJ	<2.5 U	NA	<2.5 UJ	<2.5 UJ
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	NA	0.64	<0.5 U	<0.5 U	NA	0.2 J	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	NA	<2.5 U	<2.5 U	<2.5 U	NA	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	NA	<5 U	<5 UJ	<5 U	NA	<5 U	<5 U
Vinyl Chloride	75-01-4	**2**	ug/l	<1 U	NA	<1 UJ	<1 U	<1 U	NA	<1 UJ	<1 UJ

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW61D	C241175_MW61D(DS)	C241175_LB61_MW61DB	C241175_MW61S		C241175_MW61S(DS)	C241175_LB62_MW62DB	C241175_MW62S
			Sample Name	C241175_MW61D_090921	C241175_MW61D(DS)_090921	C241175_MW61DB_110817	C241175_MW61S_110917	C241175_MW61S_090921	C241175_MW61S(DS)_090921	C241175_MW62DB_120617	C241175_MW62S_120617
			Sample Date	09/09/2021	09/09/2021	11/08/2017	11/09/2017	09/09/2021	09/09/2021	12/06/2017	12/06/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<40 U	<10 U	<10 U	<10 U	<9.7 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	<5 U	<20 U	NA	NA	<5 U	<4.9 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<80 U	<20 U	<20 U	<20 U	<19 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.19 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.02 J	<0.1 U	<0.1 U	<0.1 U	0.04 J	<0.1 U	<0.1 U	28
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<40 U	<10 U	<10 U	<10 U	<9.7 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<20 UJ	<5 U	<5 U	<5 U	<4.9 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<40 U	<10 U	<10 U	<10 U	<9.7 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<40 U	<10 U	<10 U	<10 U	<9.7 U
Acenaphthene	83-32-9	**20**	ug/l	0.07 J	<0.1 U	<0.1 U	<0.1 U	0.11	<0.1 U	0.1 J	**52**
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.03 J	<0.1 U	<0.1 U	0.47
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Anthracene	120-12-7	50	ug/l	0.02 J	<0.1 U	<0.1 U	<0.1 U	0.16	<0.1 U	0.06 J	0.15
Atrazine	1912-24-9	7.5	ug/l	NA	NA	<10 UJ	<40 U	NA	NA	<10 UJ	<9.7 UJ
Azobenzene	103-33-3	5	ug/l	NA	NA	<2 U	<8 U	NA	NA	<2 U	<1.9 U
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	<5 U	<20 U	NA	NA	<5 U	<4.9 U
Benzidine	92-87-5	5	ug/l	NA	NA	<20 UJ	<80 UJ	NA	NA	<20 UJ	<19 UJ
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.03 J**	<0.1 U	**0.05 J**	**0.04 J**	**0.74**	<0.1 U	**0.03 J**	**0.04 J**
Benzo(a)pyrene	50-32-8	**0**	ug/l	**0.02 J**	<0.1 U	**0.12**	<0.1 U	**1.4**	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.02 J**	<0.1 U	**0.06 J**	<0.1 U	**1.5**	<0.1 U	**0.02 J**	**0.05 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J	<0.1 U	0.07 J	<0.1 U	1.4	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.01 J**	<0.1 U	<0.1 U	<0.1 U	**0.49**	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	16 J	<50 U	<200 U	<50 U	<50 U	<50 U	<49 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Biphenyl (Diphenyl)	92-52-4	**5**	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<12 UJ	<3 U	2.1 J	<3 U	<2.9 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	<10 U	<40 U	NA	NA	<10 U	<9.7 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	17
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	**0.65**	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	0.06 J	<0.1 U	0.35	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Diethyl phthalate	84-66-2	**50**	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Fluoranthene	206-44-0	50	ug/l	0.03 J	<0.1 U	0.04 J	<0.1 U	0.67	<0.1 U	<0.1 U	0.04 J
Fluorene	86-73-7	**50**	ug/l	0.02 J	<0.1 U	<0.1 U	<0.1 U	0.08 J	<0.1 U	<0.1 U	19
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.78 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.49 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 UJ	<80 U	<20 U	<20 U	<20 U	<19 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 UJ	<0.8 U	<0.8 U	<0.8 U	<0.78 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.02 J**	<0.1 U	**0.13**	<0.1 U	**1.4**	<0.1 U	<0.1 U	**0.04 J**
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
Naphthalene	91-20-3	**10**	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.06 J	1.5
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	<2 U	<8 U	NA	NA	<2 U	<1.9 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	<5 U	<5 U	<4.9 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<8 U	<2 U	<2 U	<2 U	<1.9 U
Pentachlorophenol	87-86-5	1	ug/l	0.06 J	0.06 J	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.78 U
Phenanthrene	85-01-8	**50**	ug/l	<0.1 U	<0.1 U	0.03 J	0.02 J	0.37 J	<0.1 U	0.05 J	4.4
Phenol	108-95-2	**1**	ug/l	<5 U	<5 U	<5 U	<20 U	<5 U	**1.4 J**	<5 U	<4.9 U
Pyrene	129-00-0	50	ug/l	0.03 J	<0.1 U	0.05 J	<0.1 U	0.67	<0.1 U	0.1 J	0.04 J

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW61D	C241175_MW61D(DS)	C241175_LB61_MW61DB	C241175_MW61S		C241175_MW61S(DS)	C241175_LB62_MW62DB	C241175_MW62S
			Sample Name	C241175_MW61D_090921	C241175_MW61D(DS)_090921	C241175_MW61DB_110817	C241175_MW61S_110917	C241175_MW61S_090921	C241175_MW61S(DS)_090921	C241175_MW62DB_120617	C241175_MW62S_120617
			Sample Date	09/09/2021	09/09/2021	11/08/2017	11/09/2017	09/09/2021	09/09/2021	12/06/2017	12/06/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides											
4,4'-DDD	72-54-8	0.3	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
4,4'-DDE	72-55-9	0.2	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
4,4'-DDT	50-29-3	0.2	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Aldrin	309-00-2	0	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	NS	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	NS	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	NA	NA	NA	<0.02 UJ	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	NS	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	NA	NA	NA	<0.2 U	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Dieldrin	60-57-1	**0.004**	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	NS	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Endrin	72-20-8	0	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	5	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Endrin Ketone	53494-70-5	5	ug/l	NA	NA	NA	<0.04 U	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Heptachlor	76-44-8	0.04	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	0.03	ug/l	NA	NA	NA	<0.02 U	NA	NA	NA	NA
Methoxychlor	72-43-5	35	ug/l	NA	NA	NA	<0.2 U	NA	NA	NA	NA
Toxaphene	8001-35-2	0.06	ug/l	NA	NA	NA	<0.2 U	NA	NA	NA	NA
Herbicides											
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	NA	NA	NA	<2 UJ	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	NA	NA	NA	<10 UJ	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	NA	NA	NA	<2 UJ	NA	NA	NA	NA
Polychlorinated Biphenyl											
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
Total PCBs	1336-36-3	**0.09**	ug/l	NA	NA	<0.083 U	<0.083 U	NA	NA	<0.083 U	<0.083 U
Metals - Dissolved											
Aluminum	7429-90-5	NS	ug/l	NA	NA	24.4	17.6	NA	NA	6.24 J	54.1
Antimony	7440-36-0	**3**	ug/l	NA	NA	<4 U	0.62 J	NA	NA	0.6 J	0.72 J
Arsenic	7440-38-2	**25**	ug/l	NA	NA	0.52	0.55	NA	NA	1.05	0.66
Barium	7440-39-3	**1000**	ug/l	NA	NA	**1,434**	153	NA	NA	451.5	190.1
Beryllium	7440-41-7	3	ug/l	NA	NA	<0.5 U	<0.5 U	NA	NA	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	NA	NA	<0.2 U	0.11 J	NA	NA	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	NA	NA	162,000	136,000	NA	NA	119,000	71,100
Chromium, Total	7440-47-3	50	ug/l	NA	NA	0.92 J	0.37 J	NA	NA	3.01	4.24
Cobalt	7440-48-4	NS	ug/l	NA	NA	0.27 J	0.33 J	NA	NA	0.31 J	0.99
Copper	7440-50-8	200	ug/l	NA	NA	0.42 J	1.23	NA	NA	0.39 J	1.28
Iron	7439-89-6	**300**	ug/l	NA	NA	**20,300**	**5,060**	NA	NA	**7,420**	**3,690**
Lead	7439-92-1	25	ug/l	NA	NA	1.58	<1 U	NA	NA	<1 U	0.49 J
Magnesium	7439-95-4	**35000**	ug/l	NA	NA	**68,900**	26,900	NA	NA	**61,100**	**74,900**
Manganese	7439-96-5	**300**	ug/l	NA	NA	**2,019**	**683**	NA	NA	**488.7**	149
Mercury	7439-97-6	0.7	ug/l	NA	NA	<0.2 U	<0.2 U	NA	NA	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	NA	NA	<2 U	1.69 J	NA	NA	2.54	1.36 J
Potassium	7440-09-7	NS	ug/l	NA	NA	36,100	22,200	NA	NA	42,600	45,900
Selenium	7782-49-2	10	ug/l	NA	NA	<5 U	<5 U	NA	NA	<5 U	<5 U
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	<0.4 U	NA	NA	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	NA	NA	**256,000**	**218,000**	NA	NA	**815,000**	**467,000**
Thallium	7440-28-0	0.5	ug/l	NA	NA	<0.5 U	<0.5 U	NA	NA	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	NA	NA	<5 U	<5 U	NA	NA	4.22 J	10.6
Zinc	7440-66-6	2000	ug/l	NA	NA	13.07	345.2	NA	NA	<10 U	9.67 J

Table 5
BCP Amendment Application
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Analyte	CAS Number	NYSDEC SGVs	Location	C241175_MW61D	C241175_MW61D(DS)	C241175_LB61_MW61DB	C241175_MW61S		C241175_MW61S(DS)	C241175_LB62_MW62DB	C241175_MW62S
			Sample Name	C241175_MW61D_090921	C241175_MW61D(DS)_090921	C241175_MW61DB_110817	C241175_MW61S_110917	C241175_MW61S_090921	C241175_MW61S(DS)_090921	C241175_MW62DB_120617	C241175_MW62S_120617
			Sample Date	09/09/2021	09/09/2021	11/08/2017	11/09/2017	09/09/2021	09/09/2021	12/06/2017	12/06/2017
			Unit	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total											
Aluminum	7429-90-5	NS	ug/l	NA	NA	263	20.5	NA	NA	534	4,190
Antimony	7440-36-0	**3**	ug/l	NA	NA	<4 U	<4 U	NA	NA	0.51 J	<4 U
Arsenic	7440-38-2	**25**	ug/l	NA	NA	0.55	0.4 J	NA	NA	1.63	1.33
Barium	7440-39-3	**1000**	ug/l	NA	NA	**1,429**	138.6	NA	NA	470.8	239.6
Beryllium	7440-41-7	**3**	ug/l	NA	NA	<0.5 U	<0.5 U	NA	NA	<0.5 U	0.2 J
Cadmium	7440-43-9	**5**	ug/l	NA	NA	<0.2 U	0.1 J	NA	NA	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	NA	NA	153,000	121,000	NA	NA	123,000	74,200
Chromium, Hexavalent	18540-29-9	50	ug/l	NA	NA	3 J	<10 U	NA	NA	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	NA	NA	1.38	0.33 J	NA	NA	8.32	12.64
Chromium, Trivalent	16065-83-1	NS	ug/l	NA	NA	<10 U	<10 U	NA	NA	<10 U	13
Cobalt	7440-48-4	NS	ug/l	NA	NA	0.39 J	0.29 J	NA	NA	1.12	2.21
Copper	7440-50-8	**200**	ug/l	NA	NA	1.19	2.12	NA	NA	6.36	11.25
Iron	7439-89-6	**300**	ug/l	NA	NA	**19,800**	**4,600 J**	NA	NA	**8,500**	**8,130**
Lead	7439-92-1	**25**	ug/l	NA	NA	0.95 J	<1 U	NA	NA	3.91	5.85
Magnesium	7439-95-4	**35000**	ug/l	NA	NA	**61,500**	26,300	NA	NA	**64,400**	**78,400**
Manganese	7439-96-5	**300**	ug/l	NA	NA	**1,979**	**625.1**	NA	NA	**515.1**	170.5
Mercury	7439-97-6	**0.7**	ug/l	NA	NA	<0.2 U	<0.2 U	NA	NA	<0.2 U	<0.2 U
Nickel	7440-02-0	**100**	ug/l	NA	NA	0.98 J	1.96 J	NA	NA	5.76	5.79
Potassium	7440-09-7	NS	ug/l	NA	NA	33,500	20,400 J	NA	NA	43,700	48,500
Selenium	7782-49-2	**10**	ug/l	NA	NA	<5 U	<5 U	NA	NA	<5 U	<5 U
Silver	7440-22-4	50	ug/l	NA	NA	<0.4 U	<0.4 U	NA	NA	<0.4 U	<0.4 U
Sodium	7440-23-5	**20000**	ug/l	NA	NA	**221,000**	**206,000**	NA	NA	**781,000**	**460,000**
Thallium	7440-28-0	0.5	ug/l	NA	NA	<0.5 U	<0.5 U	NA	NA	<0.5 U	<0.5 U
Vanadium	7440-62-2	NS	ug/l	NA	NA	<5 U	<5 U	NA	NA	5.6	18.98
Zinc	7440-66-6	**2000**	ug/l	NA	NA	12.93	396.2	NA	NA	9.5 J	18.78
Per- and Polyfluoroalkyl Substances											
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2 FTS)	39108-34-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA/	2355-31-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry											
Biologic Oxygen Demand, Five Day	BOD5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
COD-Chemical Oxygen Demand	COD	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate (As N)	14797-55-8	10000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	14797-65-0	1000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	7723-14-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (As SO4)	14808-79-8	**250000**	ug/l	65,000	NA	NA	NA	250,000	NA	NA	NA
Sulfide	18496-25-8	**50**	ug/l	<100 U	NA	NA	NA	<100 U	NA	NA	NA
Total Organic Carbon	TOC	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
BCP Application to Amend Brownfield Cleanup Agreement and Amendment
Groundwater Sample Analytical Results Summary

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175
Langan Project No.: 170340208

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

R - The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

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

UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 4
BCP Amendment Application
Air Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340204

Analyte	CAS Number	NYSDOH AGVs	Location	C241175_AA01	C241175_AA02	C241175_AA03	C241175_AA04	C241175_SSPP01_IA01				C241175_SSPP02_IA02		C241175_SV01	C241175_SV02	C241175_SV03	
			Sample Name	C241175_AA01_100516	C241175_AA02_100918	C241175_AA03_012419	C241175_AA04_022221	C241175_IA01_100918	C241175_SSPP01_100918	C241175_IA01_012419	C241175_SSPP01_012419	C241175_IA02_100918	C241175_SSPP02_100918	C241175_SV01_100516	C241175_SV02_022221	C241175_SV03_022221	C241175_SVDUP03_022221
			Sample Date	10/05/2016	10/09/2018	01/24/2019	02/22/2021	10/09/2018	10/09/2018	01/24/2019	01/24/2019	10/09/2018	10/09/2018	10/05/2016	02/22/2021	02/22/2021	02/22/2021
			Sample Type	AA	AA	AA	AA	IA	SSV	IA	SSV	IA	SSV	SV	SV	SV	SV
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	NS	ug/m3	<0.109 U	<0.109 U	<0.109 U	<1.09 U	<0.109 U	168	2.12	240	<0.109 U	88.4	<5.46 U	<1.09 U	<0.911 U	<4.18 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<1.37 U	<2.75 U	<6.87 U	<1.37 U	<11.5 U	<52.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<1.53 U	<3.07 U	<7.66 U	<1.53 U	<12.8 U	<58.8 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<1.09 U	<2.18 U	<5.46 U	<1.09 U	<9.11 U	<41.8 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 U	<0.809 U	43.7	<0.809 U	53.8	<0.809 U	25.3	<4.05 U	<0.809 U	<6.76 U	<31 U
1,1-Dichloroethene	75-35-4	NS	ug/m3	<0.079 U	<0.079 U	0.079	<0.793 U	<0.079 U	<0.793 U	0.123	<0.793 U	<0.079 U	<1.59 U	<3.96 U	<0.793 U	<0.662 U	<3.04 U
1,2,3-Trichloropropane	96-18-4	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.48 UJ	<1.48 UJ	<1.48 U	<1.48 UJ	<1.48 UJ	<1.48 UJ	<1.48 UJ	<1.48 UJ	<2.97 UJ	<7.42 U	<1.48 U	<12.4 U	<56.9 U
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	3.83	<0.983 U	<0.983 U	7.47	9.19	2.95	4.51	9.24	10.9	21.3	18	11.7	<37.7 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<1.54 U	<3.07 U	<7.69 U	<1.54 U	<12.8 U	<58.9 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	1.56	<1.2 U	<2.4 U	<6.01 U	<1.2 U	<10 U	<46.1 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 UJ	<0.809 U	3.86	<0.809 U	4.21	<0.809 U	<1.62 U	<4.05 U	<0.809 UJ	<6.76 UJ	<31 UJ
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<0.924 U	<1.85 U	<4.62 U	<0.924 U	<7.72 U	<35.4 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<2.8 U	<6.99 U	<1.4 U	<11.7 U	<53.6 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	1.13	<0.983 U	<0.983 U	2.48	2.76	<0.983 U	1.34	2.8	2.91	7.13	4.64	<8.21 U	<37.7 U
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.442 U	<0.885 U	<2.21 U	1.71	<3.69 U	<17 U
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<2.4 U	<6.01 U	<1.2 U	<10 U	<46.1 U
1,3-Dichloropropane	142-28-9	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<2.4 U	<6.01 U	<1.2 U	<10 U	<46.1 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<1.44 U	<3.6 U	1.02	<6.02 U	<27.6 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	<0.934 U	<0.934 U	<0.934 U	<0.934 U	3.2	<0.934 U	<0.934 U	<0.934 U	8.55	4.9	7.52	<7.8 U	<35.8 U
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<0.82 U	<1.64 U	<0.82 U	<0.82 U	<6.84 U	<31.4 U
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	<0.983 U	<0.983 U	<0.983 U	2.01	2.31	<0.983 U	<0.983 U	2.25	5.41	7.37	4.85	<8.21 U	<37.7 U
Acetone	67-64-1	NS	ug/m3	10.7	30.4	20.5	3.99	41.3	17.1	33.5	17.3	42.3	37.8	392	91	58.2	139 J
Acrylonitrile	107-13-1	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<0.626 U	<1.25 U	<3.13 U	<0.626 U	<5.23 U	<24 U
Benzene	71-43-2	NS	ug/m3	0.671	<0.639 U	<0.639 U	0.837	<0.639 U	1.76	<0.639 U	<0.639 U	<0.639 U	4.47	3.32	72.5	<5.34 UJ	39.3 J
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.04 U	<1.04 U	<1.04 UJ	<1.04 U	<1.04 U	<1.04 U	<1.04 U	<1.04 U	<2.07 U	<5.18 U	<1.04 UJ	<8.65 UJ	<39.7 UJ
Bromobenzene	108-86-1	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<2.68 U	<6.7 U	<1.34 U	<11.2 U	<51.4 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<0.874 U	<1.75 U	<4.37 U	<0.874 U	<7.3 U	<33.5 U
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<2.07 U	<4.14 U	<10.3 U	<2.07 U	<17.3 U	<79.3 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<0.777 U	<1.55 U	<3.88 U	<0.777 U	<6.48 U	<29.8 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<0.623 U	<1.25 U	<3.11 U	29.1	9.72	26 J
Carbon Tetrachloride	56-23-5	NS	ug/m3	0.459	0.497	0.503	<1.26 U	0.465	<1.26 U	0.547	<1.26 U	0.484	<2.52 U	<6.29 U	<1.26 U	<1.05 U	<4.82 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<0.921 U	<1.84 U	<4.61 U	<0.921 U	<7.69 U	<35.3 U
Chlorodifluoromethane	75-45-6	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	1.6	<0.528 U	<0.528 U	2.88	0.694	<0.528 U	<0.528 U	2.64	<1.06 U	<2.64 U	<0.528 U	<4.41 U	<20.2 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<0.977 U	<0.977 U	<0.977 U	1.64	7.28	1.12	8.99	1.54	3.58	5.03	3.91	<8.16 U	<37.5 U
Chloromethane	74-87-3	NS	ug/m3	0.985	1.28	1.17	1.1	1.32	<0.413 U	1.19	<0.413 U	1.34	<0.826 U	<2.07 U	0.479	<3.45 U	<15.8 U
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.079 U	<0.079 U	<0.079 U	<0.793 U	<0.079 U	<0.793 U	<0.079 U	<0.793 U	<0.079 U	<1.59 U	<3.96 U	<0.793 U	<0.662 U	<3.04 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<1.82 U	<4.54 U	<0.908 U	<7.58 U	<34.8 U
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	2.88	1.12	<0.688 U	6.23	3.65	1.44	<0.688 U	6.13	8.02	<3.44 U	6.64	<5.75 U	<26.4 U
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<3.41 U	<8.52 U	<1.7 U	<14.2 U	<65.3 U
Dibromomethane	74-95-3	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.26	2.32	2.76	2.04	2.23	1.86	2.64	2.73	2.13	2.22	<4.94 U	1.86	<8.26 U	<37.9 U
Dichlorofluoromethane	75-43-4	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	64-17-5	NS	ug/m3	13.6	70.5	46.7	16.5	66.9	190	71.4	49.9	68.2	452	56.5	65.8	<78.6 U	<362 U
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	4.9	<1.8 U	<1.8 U	7.82	1.88	2.35	3.54	7.96	<3.6 U	<9.01 U	<1.8 U	<15 U	<69.2 U
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	1.17	<0.869 U	<0.869 U	1.92	4.82	<0.869 U	3.19	2.11	7.91	24.1	104	773 J	1140 J
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.13 UJ	<2.13 U	<2.13 U	<2.13 UJ	<2.13 UJ	<2.13 U	<2.13 U	<2.13 UJ	<4.27 UJ	<10.7 U	<2.13 U	<17.8 U	<81.8 U
Hexachloroethane	67-72-1	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropanol	67-63-0	NS	ug/m3	2.68	7.84	9.81	6.42	8.68	19.1	26.1	19.2	8.21	46.7	<6.15 U	4.35	<10.3 U	<47.2 U
Isopropylbenzene (Cumene)	98-82-8	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene	179601-23-1	NS	ug/m3	2.82	4.47	<1.74 U	2.29	6.91	18.4	3.46	19.8	8.21	28.7	63.4	262	1750 J	2510 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	5.96	2.87	<1.47 U	9.05	3.89	7.11	2.25	9.08	7.4	961	18	12.7	<56.6 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<4.1 U	<10.2 U	8.52	<17.1 U	<78.7 U
Methyl Methacrylate	80-62-6	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	60	ug/m3	2.75	3.96	15.8	<1.74 U	2.78	<1.74 U	23.7	5.8	3.31	<3.47 U	<8.69 U	2.53	<14.5 U	<66.7 U
Naphthalene	91-20-3	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Heptane	142-82-5	NS	ug/m3	<0.82 U	<0.82 U	<0.82 U	0.926	1.08	2.88	<0.82 U	<0.82 U	1.02	7.17	10.3	23.9	214 J	389 J
n-Hexane	110-54-3	NS	ug/m3	1.17	1.27	1.39	<0.705 U	1.75	3.34	1.88	<0.705 U	1.7	8.95	8.35	19.1	15.9	28.1 J
N-Octane	111-65-9	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Pentane	109-66-0	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	0.964	1.38	<0.869 U	<0.869 U	2.34	7.3	1.12	2.35	2.68	9.25	29.8	93.4	521	699 J
Propylene	115-07-1	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	NS	ug/m3	<0.852 U	<0.852 U	<0.852 U	<0.852 U	<0.852 U	1.13	<0.852 U	<0.852 U	<0.852 U	2.01	9.03	<0.852 U	<7.11 U	<32.7 U
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U	1.71	<1.52 U	<1.52 U	<1.52 U	3.7	<7.59 U	8.58	<12.6 U	<58.2 U
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	NS	ug/m3	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<0.721 U	<1.44 U	<3.61 U	<0.721 U	<6.02 U	<27.7 U
Tetrachloroethene (PCE)	127-18-4	30	ug/m3	0.793	1.25	1.12	<1.36 U	0.929	5.47	1.42	5.68	0.997	7.19	13.6	3.97	5.93	5.98 J
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	<1.47 U	<1.47 U	<1.47 U	<1.47 U	2.31	<1.47 U	<1.47 U	<1.47 U	6.31	<7.37 U	5.01	<12.3 U	<56.6 U
Toluene	108-88-3	NS	ug/m3	6.82	6.52	2.17	1.28	11.7	22.6	4.15	4.15	12.5	41.5	50.9	58	39.9 J	72.7 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/m3	NA	NA	<0.079 U	NA	NA	NA	<0.079 U	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	NS	ug/m3	NA	NA	<0.869 U	2.29	NA	NA	4.6	NA	NA	NA	NA	356	2270 J	3210 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	ug/m3	NA	NA	<0.908 U	NA	NA	NA	<0.908 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<0.793 U	<1.59 U	<3.96 U	<0.793 U	<6.62 U	<30.4 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<0.908 U	<1.82 U	<4.54 U	<0.908 U	<7.58 U	<34.8 U
Trichloroethene (TCE)	79-01-6	2	ug/m3	<0.107 U	0.129	0.29	<1.07 U	0.118	<1.07 U	0.167	<1.07 U	0.124	2.39	<5.37 U	13.7	<0.897 U	<4.12 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.33	1.57	1.75	<1.12 U	1.46	1.42	2.47	2.42	1.49	<2.25 U	<5.62 U	1.88	<9.38 U	<43.1 U
Vinyl Acetate	108-05-4	NS	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	NS	ug/m3	<0.051 U	<0.051 U	<0.051 U	<0.511 U	<0.051 U	<0.511 U	<0.051 U	<0.511 U	<0.051 U	<1.02 U	<2.56 U	<0.511 U	<0.427 U	<1.96 U

Table 4
BCP Application to Amend Brownfield Cleanup Agreement and Amendment
Sub-Slab Vapor and Indoor Air Analytical Results

ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340204

Notes:

AA - Ambient Air
IA - Indoor Air
SV - Soil Vapor
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).

Ambient air sample analytical results are shown for reference only.

Qualifiers:

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

UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDOH AGVs

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Analyte	CAS Number	NYSDOH Decision Matrix (IA)		NYSDOH Decision Matrix (SSV)		Location	C241175_AA01	C241175_AA02	C241175_AA03	C241175_AA04	C241175_SSPP01_IA01				C241175_SSPP02_IA02		C241175_SV01
						Sample Name	C241175_AA01_100516	C241175_AA02_100918	C241175_AA03_012419	C241175_AA04_022221	C241175_IA01_100918	C241175_SSPP01_100918	C241175_IA01_012419	C241175_SSPP01_012419	C241175_IA02_100918	C241175_SSPP02_100918	C241175_SV01_100516
						Sample Date	10/05/2016	10/09/2018	01/24/2019	02/22/2021	10/09/2018	10/09/2018	01/24/2019	01/24/2019	10/09/2018	10/09/2018	10/05/2016
						Sample Type	IA	IA	IA	AA	IA	SSV	IA	SSV	IA	SSV	SV
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1-Trichloroethane	71-55-6	3	10	100	1000	ug/m3	<0.109	<0.109	<0.109	<1.09	<0.109	168	2.12	240	<0.109	88.4	<5.46
1,1-Dichloroethene	75-35-4	0.2	1	6	60	ug/m3	<0.079	<0.079	0.079	<0.793	<0.079	<0.793	0.123	<0.793	<0.079	<1.59	<3.96
1,2,4-Trimethylbenzene	95-63-6	2	10	60	600	ug/m3	<0.983	3.83	<0.983	<0.983	7.47	9.19	2.95	4.51	9.24	10.9	21.3
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	2	10	60	600	ug/m3	<0.983	1.13	<0.983	<0.983	2.48	2.76	<0.983	1.34	2.8	2.91	7.13
2,2,4-Trimethylpentane	540-84-1	2	10	60	600	ug/m3	<0.934	<0.934	<0.934	<0.934	<0.934	3.2	<0.934	<0.934	<0.934	8.55	4.9
Benzene	71-43-2	2	10	60	600	ug/m3	0.671	<0.639	<0.639	0.837	<0.639	1.76	<0.639	<0.639	<0.639	4.47	3.32
Carbon Tetrachloride	56-23-5	0.2	1	6	60	ug/m3	0.459	0.497	0.503	<1.26	0.465	<1.26	0.547	<1.26	0.484	<2.52	<6.29
Cis-1,2-Dichloroethene	156-59-2	0.2	1	6	60	ug/m3	<0.079	<0.079	<0.079	<0.793	<0.079	<0.793	<0.079	<0.793	<0.079	<1.59	<3.96
Cyclohexane	110-82-7	2	10	60	600	ug/m3	<0.688	2.88	1.12	<0.688	6.23	3.65	1.44	<0.688	6.13	8.02	<3.44
Ethylbenzene	100-41-4	2	10	60	600	ug/m3	<0.869	1.17	<0.869	<0.869	1.92	4.82	<0.869	3.19	2.11	7.91	24.1
M,P-Xylene	179601-23-1	6	20	200	2000	ug/m3	2.82	4.47	<1.74	2.29	6.91	18.4	3.46	19.8	8.21	28.7	63.4
Methylene Chloride	75-09-2	3	10	100	1000	ug/m3	2.75	3.96	15.8	<1.74	2.78	<1.74	23.7	5.8	3.31	<3.47	<8.69
Naphthalene	91-20-3	2	10	60	600	ug/m3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Heptane	142-82-5	6	20	200	2000	ug/m3	<0.82	<0.82	<0.82	0.926	1.08	2.88	<0.82	<0.82	1.02	7.17	10.3
n-Hexane	110-54-3	6	20	200	2000	ug/m3	1.17	1.27	1.39	<0.705	1.75	3.34	1.88	<0.705	1.7	8.95	8.35
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2	10	60	600	ug/m3	0.964	1.38	<0.869	<0.869	2.34	7.3	1.12	2.35	2.68	9.25	29.8
Tetrachloroethene (PCE)	127-18-4	3	10	100	1000	ug/m3	0.793	1.25	1.12	<1.36	0.929	5.47	1.42	5.68	0.997	7.19	13.6
Toluene	108-88-3	10	50	300	3000	ug/m3	6.82	6.52	2.17	1.28	11.7	22.6	4.15	4.15	12.5	41.5	50.9
Trichloroethene (TCE)	79-01-6	0.2	1	6	60	ug/m3	<0.107	0.129	0.29	<1.07	0.118	<1.07	0.167	<1.07	0.124	2.39	<5.37
Vinyl Chloride	75-01-4	0	0.2	6	60	ug/m3	<0.051	<0.051	<0.051	<0.511	<0.051	<0.511	<0.051	<0.511	<0.051	<1.02	<2.56

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ABC Block 27
Long Island City, New York
NYSDEC BCP Site No.: C241175A
Langan Project No.: 170340204

Analyte	CAS Number	C241175_SV02	C241175_SV03	
		C241175_SV02_022221	C241175_SV03_022221	C241175_SVDUP03_022221
		02/22/2021	02/22/2021	02/22/2021
		SV	SV	SV
		Result	Result	Result
Volatile Organic Compounds				
1,1,1-Trichloroethane	71-55-6	<1.09	<0.911	<4.18
1,1-Dichloroethene	75-35-4	<0.793	<0.662	<3.04
1,2,4-Trimethylbenzene	95-63-6	18	11.7	<37.7
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	4.64	<8.21	<37.7
2,2,4-Trimethylpentane	540-84-1	7.52	<7.8	<35.8
Benzene	71-43-2	72.5	<5.34	39.3
Carbon Tetrachloride	56-23-5	<1.26	<1.05	<4.82
Cis-1,2-Dichloroethene	156-59-2	<0.793	<0.662	<3.04
Cyclohexane	110-82-7	6.64	<5.75	<26.4
Ethylbenzene	100-41-4	104	773	1140
M,P-Xylene	179601-23-1	262	1750	2510
Methylene Chloride	75-09-2	2.53	<14.5	<66.7
Naphthalene	91-20-3	NA	NA	NA
n-Heptane	142-82-5	23.9	214	389
n-Hexane	110-54-3	19.1	15.9	28.1
o-Xylene (1,2-Dimethylbenzene)	95-47-6	93.4	521	699
Tetrachloroethene (PCE)	127-18-4	3.97	5.93	5.98
Toluene	108-88-3	58	39.9	72.7
Trichloroethene (TCE)	79-01-6	13.7	<0.897	<4.12
Vinyl Chloride	75-01-4	<0.511	<0.427	<1.96