Haley & Aldrich of New York
237 West 35th Street
16th Floor
New York, NY 10123
Tel: 646.518.7735

19 May 2023
Project Number 0202156

Attention: Jolene Lozewski
New York State Department of Environmental Conservation
Remedial Section A
625 Broadway
Albany, New York 12233

Subject: Water Withdrawal, Treatment & Discharge Plan
Former Carter Spray Finishing Site
NYSDEC BCP Site C224218
65-73 Eckford Street, Brooklyn, New York

Dear Ms. Lozewski:

Haley & Aldrich of New York (Haley & Aldrich) submits this revised Water Withdrawal, Treatment & Discharge Plan as per the request of New York State Department of Environmental Conservation (NYSDEC) received 23 November 2022 for the Former Carter Spray Finishing Site (Brownfield Cleanup Program [BCP] Site C224218) located at 65-73 Eckford Street, Brooklyn, New York.

SITE LOCATION AND DESCRIPTION

The Site, identified as Block 2698, Lot 26 on the New York City tax map, is 10,200-square feet and is bound to the north by a four-story residential building, to the east by Eckford followed by residential apartment buildings, to the south by a residential apartment building currently in construction (enrolled in the NYSDEC BCP Program as Site Number C224218), and to the west by a four-story residential building and a one-story industrial building. The Site was formerly occupied by the Carter Spray Finishing Corporation from 1960 to 2008 which used the building for metal finishing and spraying and was razed in 2015.

The proposed redevelopment plan includes construction of a five-story residential building. The proposed structure includes a two-level cellar and consists of the following: a sub-cellar that will be utilized as recreational space, a library/study room, and for storage, and a cellar that will be utilized as recreational space, offices, and will contain refuse and mechanicals rooms. The first floor will contain a lobby and bike room and the second through fifth floors will be comprised of residential units. A bulkhead will extend above the roof level to 60 feet above ground level followed by an elevator bulkhead that will extend 64 feet above ground level. On-grade parking will be located in the rear of the

building and accessed via Eckford Street. It is anticipated that the building footprint will encompass a roughly 10,092 square foot area of the Site. The proposed elevator pit will extend to a depth of approximately 29 feet below ground level. The gross area of the first floor will be 2,491 square feet (sf), and the gross areas of the upper floors will be approximately 5,461 sf. The proposed use is consistent with existing zoning for the property.

A letter of approval to discharge was received from the New York City Department of Environmental Protection (NYCDEP) on 07 December 2017 as part of the construction dewatering on the Site under Dewatering Permit Number C-5883. This permit was subsequently renewed on 10 December 2018, 08 May 2018 and 17 August 2021.

TEMPORAY DISCHARGE OF GROUNDWATER PERMIT APPLICATION

An application for Permit for Temporary Discharge of Groundwater into the New York City Sewer System (Discharge Less Than 10,000-Gallons per Day [GPD]) for the property located at 65-73 Eckford Street in Brooklyn, NY (the Site) was submitted to NYSDEC on 15 December 2022 (Attachment A) and approved on 29 December 2022 (Attachment B).

APPLICATION COMPONENTS

On 15 November 2022, Haley & Aldrich collected a groundwater sample from a temporary monitoring well MW-05 installed at the Site. The temporary monitoring well was installed to about 15 feet below sidewalk grade (ft bsg); groundwater was encountered at approximately 7 ft bsg. The groundwater sample was sent to a laboratory and analyzed in accordance with the NYCDEP Table A Parameters. Analytical data for this groundwater sample are included in the enclosed application package, Attachment A.

As per the permit application, localized dewatering may be necessary during excavation, specifically excavation for the installation of deeper foundation elements (i.e., elevator pit). The proposed groundwater dewatering rate is estimated to be approximately 9,600 GPD, and as such, we are submitting this Application for Permit for Temporary Discharge of Groundwater into the NYC Sewer System for less than 10,000 GPD. The duration of the discharge will be 3 months (approximately 57 active days), with an estimated duration between 1 June 2023 to 29 September 2023. The duration of the project is not expected to go beyond the permit expiration date of 30 November 2023. In the event that the project goes beyond the expiration date, the permit will be renewed. The total anticipated discharge amount is approximately 2,160,000 gallons.

The dewatering system will consist of two sumps constructed with 8-inch diameter casing and 12-ft long screens placed from approximately 38 to 50 ft bsg. Two electrical submersible pumps capable of pumping 20 gallons per minute (gpm) will be installed in the sumps. Water from the sumps will be pumped through 2-inch lay-flat hoses connected to an open top weir settling tank of approximately 8,400 gallons, which would provide at least 210 minutes of retention time. A 40 gpm pump would then transfer the water from the weir settling tank through two 5 micron bag filters in parallel and then two 1,000 pound granular activated carbon (GAC) units in series and then into a hard 6-inch sewer

connection line located on the sidewalk at the northeastern corner of the site. A flow meter will be installed on the effluent the second GAC unit. Sampling ports would be installed on influent to the GAC unit, between the GAC units, and on the effluent of the GAC unit prior to the flow meter. The proposed temporary groundwater dewatering system layout is shown on Figure 2 of the application package.

Information, including the volume of water withdrawn, treated, and discharged will be recorded on a regular basis by either the dewatering contractor or a Haley & Aldrich field representative. Data will be included in the monthly status reports.

PRE AND POST-TREATMENT SAMPLING

Prior to the commencement of discharge, an effluent sample will be collected and analyzed for NYCDEP Table A parameters. The effluent sample will need to conform to the NYCDEP discharge limits prior to discharge into the sewer system. Analytical data will be reported to the NYSDEC project manager.

Haley & Aldrich will collect dewatering fluid samples pre (influent) and post treatment (effluent) on a monthly basis from the dewatering system for the duration of dewatering activities. Each month, samples will be collected from the influent to the GAC unit and from the effluent of the GAC unit. Samples will be analyzed for NYCDEP Table A Parameters. Analytical results will be reported in the monthly status update reports submitted to NYSDEC and New York State Department of Health as required under the BCP agreement.

In addition, prior to restarting the dewatering system, two two-inch diameter permanent groundwater monitoring wells (i.e., sentinel wells) will be installed to approximately 20 ft bsg to the east of the Site in the sidewalk. Groundwater is encountered at approximately 10 ft bsg. The proposed monitoring well locations are shown on Figure 1. The monitoring wells will be installed using either #0 or #00 certified clean sand fill with 10 feet of 0.1-inch slotted screen. The monitoring wells will be installed so that the well screen straddles the observed water table. The wells will be finished with a flush-mounted metal manhole cover set in concrete.

The sentinel monitoring wells will be developed by surging a pump in the well several times to pull fine-grained material from the well. Development will be completed until the water turbidity is 50 nephelometric turbidity units (NTU) or less or 10 well volumes are removed, if possible.

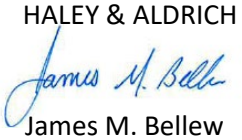
The sentinel monitoring wells will be sampled using low-flow sampling methods. Following the low-flow purge, samples will be collected from the monitoring wells for analysis of Target Compound List Volatile Organic Compounds (VOCs) using Environmental Protection Agency (EPA) method 8260B. Both sentinel wells will continue to be sampled once per month for VOCs by EPA method 8260B to determine if dewatering activities are pulling in offsite contamination and analytical data will be presented in the monthly status update reports. The water levels in the sentinel wells will also be recorded daily to monitor drawdown and water level readings will be included in daily reports.

During dewatering operations, in the event unforeseen contaminants of concern are identified in the pre-treatment sample (influent), the NYSDEC project manager will be notified immediately and offsite

sentinel wells will be sampled for the parameters to evaluate if offsite impacts are being drawn on to the Site.

Sincerely yours,

HALEY & ALDRICH OF NEW YORK



James M. Bellew
Principal

Mari Cate Conlon
Associate

c: Bob Corcoran, NYSDEC (bob.corcoran@dec.ny.gov)
Arunesh Ghosh, NYSDOH (Arunesh.Ghosh@health.ny.gov) Abraham Posner, 65-73 Eckford Realty LLC (abe6991@gmail.com) Isaac Sofer, Prestige Construction (isaac@prestigenyllc.com)
Jon Brooks, Abramson Brooks LLP (jbrooks@abramsonbrooks.com)

Attachments:

Figure 1 – Proposed Offsite Monitoring Well Location Plan

Attachments:

Attachment A – Application for Permit for Temporary Discharge of Groundwater into the New York City Sewer System

Attachment B – NYCDEP Temporary Discharge of Groundwater Approval

FIGURES

LEGEND

SITE BOUNDARY

PROPOSED OFFISTE MONITORING WELL LOCATIONS

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 12 MARCH 2021

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

65 ECKFORD STREET
BROOKLYN, NEW YORK

PROPOSED OFFISTE MONITORING WELL LOCATION PLAN

APRIL 2023

FIGURE 1

GIS FILE PATH: C:\Users\hwachholz\Documents\working\superseded\202156\GIS\Maps\2021_08\202156_000_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 8/3/2021 1:00:46 PM

ATTACHMENT A

Application for Permit for Temporary Discharge of Groundwater into the New York City Sewer System

Haley & Aldrich of New York
237 West 35th Street
16th Floor
New York, NY 10123
Tel: 646.518.7735

15 December 2022
Project Number 0202156

Attention: Vincent Mattarella
Chief of Operations
New York City Department of Environmental Protection
Bureau of Customer Services
5917 Junction Blvd 13th Floor
Elmhurst, NY 11373

Subject: Application for Permit for Temporary Discharge of Groundwater into the NYC Sewer System (Discharge Less Than 10,000-Gallons per Day)
Update to Permit 859082 – NYCDEP File #C-5883(1)
65-73 Eckford Street, Brooklyn, New York
Block 2698, Lot 26
NYSDEC BCP Site No. C224218

Dear Mr. Mattarella:

Haley & Aldrich of New York (Haley & Aldrich) submits this Application for Permit for Temporary Discharge of Groundwater into the NYC Sewer System (Discharge Less Than 10,000-Gallons per Day [GPD]) for the property located at 65-73 Eckford Street in Brooklyn, NY (the Site). The property owner, 65-73 Eckford Realty LLC, enrolled the Site in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP, Site No. C224218). This letter summarizes the Site background, the proposed development, the anticipated dewatering scope and duration, and the total anticipated volume of discharge from the Site.

The approximately 10,200 -square-foot Site, identified as Block 2698, Lot 26 on the New York City tax maps, is located in the Greenpoint-Williamsburg Rezoning of Brooklyn, NY and currently vacant. The Site was formerly occupied by the Carter Spray Finishing Corporation from 1960 to 2008 which used the building for metal finishing and spraying and was razed in 2015.

The Site is located in an urban area surrounded by commercial, residential, and industrial properties served by municipal water. The land is currently located within a MX-8 Special Mixed-Use District (MX) and zoned as M1-2/R6A for “medium-density apartment house districts,” which allows for residential use. The Site owner plans to continue site use for residential purposes consistent with current zoning.

The proposed redevelopment plan includes construction of a five-story residential building. The proposed structure includes a two-level cellar and consists of the following: a sub-cellar that will be utilized as recreational space, a library/study room, and for storage, and a cellar that will be utilized as recreational space, offices, and will contain refuse and mechanicals rooms. The first floor will contain a lobby and bike room and the second through fifth floors will be comprised of residential units. A bulkhead will extend above the roof level to 60 feet above ground level followed by an elevator bulkhead that will extend 64 feet above ground level. On-grade parking will be located in the rear of the building and accessed via Eckford Street. It is anticipated that the building footprint will encompass a roughly 10,092 square foot area of the Site. The proposed elevator pit will extend to a depth of approximately 29 feet below ground level. The gross area of the first floor will be 2,491 square feet (sf), and the gross areas of the upper floors will be approximately 5,461 sf. The proposed use is consistent with existing zoning for the property.

A letter of approval to discharge was received from the NYCDEP on 07 December 2017 as part of the construction dewatering on the Site under Dewatering Permit Number C-5883. This permit was subsequently renewed on 10 December 2018, 08 May 2018 and 17 August 2021.

On 15 November 2022, Haley & Aldrich collected a groundwater sample from a temporary monitoring well MW-05 installed at the Site. The temporary monitoring well was installed to about 15 feet below sidewalk grade (ft bsg); groundwater was encountered at approximately 7 ft bsg. The groundwater sample was sent to a laboratory and analyzed in accordance with the NYCDEP Table A Parameters. Analytical data for this groundwater sample are included in the enclosed laboratory report (Attachment 4).

Localized dewatering may be necessary during excavation, specifically excavation for the installation of deeper foundation elements (i.e., elevator pit). The proposed groundwater dewatering rate is estimated to be approximately 9,600 GPD, and as such, we are submitting this Application for Permit for Temporary Discharge of Groundwater into the NYC Sewer System for less than 10,000 GPD. The duration of the discharge will be 12 months (approximately 225 active days), with an estimated duration between 5 December 2022 to 5 December 2023. The total anticipated discharge amount is approximately 2,160,000 gallons.

The dewatering system will consist of two sumps constructed with 8-inch diameter casing and 12-ft long screens placed from approximately 38 to 50 ft bsg. Two electrical submersible pumps capable of pumping 20 gallons per minute (gpm) will be installed in the sumps. Water from the sumps will be pumped through 2-inch lay-flat hoses connected to an open top weir settling tank of approximately 8,400 gallons, which would provide at least 210 minutes of retention time. A 40 gpm pump would then transfer the water from the weir settling tank through two 5 micron bag filters in parallel and then two 1,000 pound granular activated carbon (GAC) units in series and then into a hard 6-inch sewer connection line located on the sidewalk at the northeastern corner of the site. A flow meter will be installed on the effluent the second GAC unit. Sampling ports would be installed on influent to the GAC unit, between the GAC units, and on the effluent of the GAC unit prior to the flow meter. The proposed temporary groundwater dewatering system layout is shown on Figure 2.

Please review the attached documents for the temporary dewatering permit for less than 10,000 GPD for the 65-73 Eckford Street Site. If you have any questions, please contact Mari Cate Conlon at mconlon@haleyaldrich.com or 646-277-5688.

Sincerely yours,

HALEY & ALDRICH OF NEW YORK

Scott Underhill, P.E.
Principal Consultant

James M. Bellew
Principal

Mari Cate Conlon, P.G.
Associate

Cc: Sean Hulbert, NYCDEP (dewatering@dep.nyc.gov)
Guo Zhan Qu, NYCDEP (dewatering@dep.nyc.gov)
Abraham Posner, 65-73 Eckford Realty LLC (abe6991@gmail.com)
Isaac Sofer, Prestige Construction (isaac@prestigenyllc.com)

Figures:

Figure 1 – Site Plan

Figure 2 – Proposed Temporary Groundwater Discharge Plan

Attachments:

Attachment 1 – Self-Certification Form for Permit to Discharge 10,000 Gallons per Day or Less of Groundwater to a Sanitary or Combined Sewer Only

Attachment 2 – NYCDEP Application for Permits for Temporary Discharge of Groundwater into the City Sewer System

Attachment 3 – Special Indemnity Agreement

Attachment 4 – Analytical Laboratory Report

Attachment 5 – Previous Permit Documents

Figures

LEGEND

SITE BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 12 MARCH 2021

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

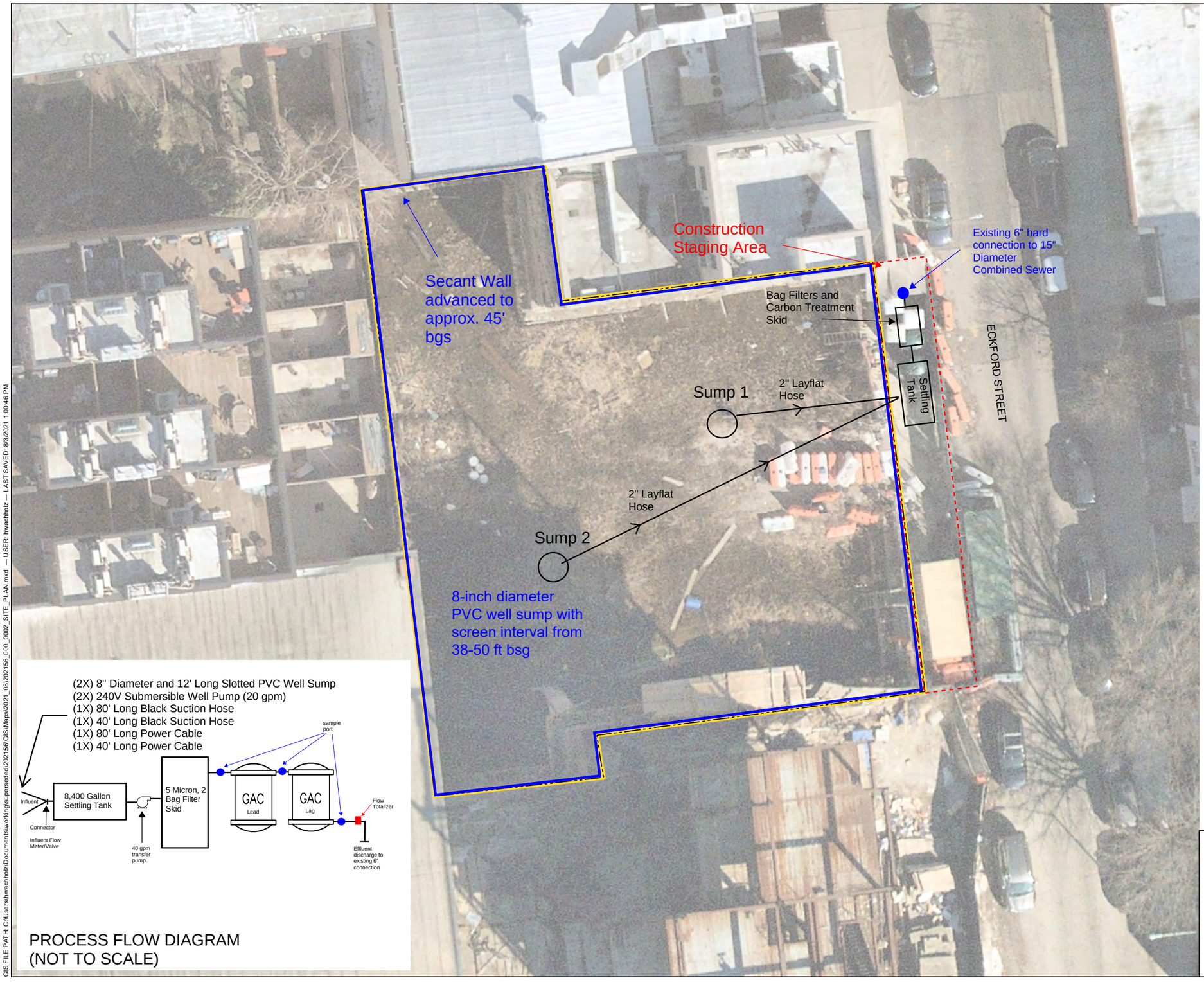
65 ECKFORD STREET
BROOKLYN, NEW YORK

SITE PLAN

AUGUST 2021

FIGURE 1

GIS FILE PATH: C:\Users\hwachholz\Documents\working\superseded\202156\GIS\Maps\2021_08\202156_000_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 8/3/2021 1:00:46 PM



PROCESS FLOW DIAGRAM
(NOT TO SCALE)

LEGEND

SITE BOUNDARY

Dewatering Notes:

1. Obtain approval from structure engineer to position tank and treatment where indicated.
2. Groundwater level is ~seven (7) to ten (10) feet below sidewalk grade (bsg), the bottom of excavation is 25 ft bgs feet bgs. The sump pits wells are fifty (50) feet bsg. Submersible pumps will be placed inside the sump wells.
3. All conditions must be verified. Any discrepancies must be brought up to the attention of the dewatering contractor and engineer.
4. Dewatering system may affect subsurface conditions on adjacent properties. Monitor movement of adjacent structures: Vibration settling and optical monitoring. Coordinate these activities with geotechnical engineer.

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.

2. AERIAL IMAGERY SOURCE: NEARMAP, 12 MARCH 2021

Disclaimer:

This plan has been prepared for the purpose of obtaining a dewatering permit from the overseeing agency. This plan(and the supplemental documents) have been prepared based on the information provided by others and through reasonable engineering assumptions. The recommendations expressed in this plan are not an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state, or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or conclusion expressed in this plan. H&A is held harmless due to any harmful side effects of lowering water table, such as but not limited to: impact of draw-down on the perimeter of the site, salt water intrusion, movement of adjacent structures, movement of contaminated groundwater, backflow due to surcharge of outlet sewer and effect on any wetlands. Monitoring procedure for securing adjacent structures against any impacts during dewatering such as settlement, drawing of fines from beneath existing structures, and formation of cracks should be adopted.

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

65 ECKFORD STREET
BROOKLYN, NEW YORK

PROPOSED TEMPORARY GROUNDWATER DISCHARGE PLAN

NOVEMBER 2022

FIGURE 2

GIS FILE PATH: C:\Users\hwachholz\Documents\working\superseded\202156\GIS\Maps\2021_08\202156_000_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 8/3/2021 1:00:46 PM

Attachment 1 – Self-Certification Form for Permit to Discharge 10,000 Gallons per Day or Less of Groundwater to a Sanitary or Combined Sewer Only

SELF-CERTIFICATION FORM
FOR PERMIT TO DISCHARGE 10,000 GALLONS PER DAY OR LESS OF GROUNDWATER TO A SANITARY OR COMBINED SEWER ONLY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CUSTOMER SERVICES

FOR OFFICIAL USE ONLY

PLEASE PRINT OR TYPE. ALL PAGES OF THIS FORM MUST BE COMPLETED. INCORRECT OR INCOMPLETE APPLICATIONS WILL NOT BE REVIEWED. WRITE N/A IF NOT APPLICABLE. PLEASE RETURN COMPLETED FORM TO:

New York City Department of Environmental Protection
Bureau of Customer Services
Collections Unit
59-17 Junction Boulevard, 13th Floor
Corona, NY 11368

LOCATION	TAX BLOCK # **2698**	LOT#: **26**
PROJECT NAME: **65-73 Eckford Street**		BOROUGH: **Brooklyn**
HOUSE#: **65, 73**	STREET NAME: **Eckford Street**	ZIP: **11222**
IS THIS A DEP PROJECT? [ ]YES [x]NO	IS THIS PROJECT DEP FUNDED? [ ] YES [x]NO	

APPLICANT			
LAST NAME: **Underhill**	FIRST NAME: **Scott**		M.I.: **A**
LEGAL BUSINESS NAME: **Haley & Aldrich of New York**		TELEPHONE: **(646) 277-5686**	
ADDRESS: **237 West 35th Street, 16th Floor**	CITY: **New York**	STATE: **New York**	ZIP: **10123**
CONTACT PERSON: **Scott Underhill**		TELEPHONE: **(646)277-5686**	

OWNER			
TYPE OF OWNERSHIP: [ ] INDIVIDUAL [ ]CORPORATION [ ]PARTNERSHIP [x]LLC [ ]GOVERNMENT [ ]OTHER:			
LAST NAME: **Posner**	FIRST NAME: **Abraham**		M.I.:
LEGAL BUSINESS NAME/AGENCY: **65-73 Eckford Realty LLC**		TELEPHONE: **(347)512-6991**	
ADDRESS: **199 Lee Avenue, #693**	CITY: **Brooklyn**	STATE: **NY**	ZIP: **11211**

GROUNDWATER/DEWATERING DISCHARGES		
GROUNDWATER AND ACCUMULATED STORMWATER DISCHARGE FLOW RATE: **9,600** GPD	DURATION: DAYS --OR-- ONE YEAR (PLEASE INDICATE NUMBER OF DAYS IF LESS THAN ONE YEAR)	
[ ] GRAVITY	[x] PUMP	PUMP CAPACITY: **40** GPM
DISCHARGE TO (NAME OF WASTEWATER RESOURCE RECOVERY FACILITY):		
DISCHARGE SEWER SIZE: IN. **15"**	[ ] SANITARY	[x] COMBINED
LOCATION OF POINT OF DISCHARGE: **15" combined sewer located at Eckford Street between Engert and Driggs Avenues in Brooklyn NY - DEP File Number C-5883(1)**		

METHOD OF DISCHARGE
[ ] HOSE TO AN ONSITE MANHOLE
[x] HARD PIPE CONNECTION TO AN ONSITE DISCHARGE PIPE OR DRAIN
[ ] HOSE TO AN ONSITE DISCHARGE PIPE OR DRAIN
[ ] HOSE TO A PUBLIC CATCH BASIN (HARD PIPE CONNECTION IS PROHIBITED)
[ ] OTHER, EXPLAIN: **Existing 6" sewer connection to 15" combined sewer located at Eckford Street between Engert and Driggs Avenues in Brooklyn NY - DEP File Number C-5883(1)**

PRETREATMENT EQUIPMENT		
[ ] OIL/WATER SEPARATOR	NO. OF UNIT:	SIZE/RATE:
[x] CARBON UNIT	NO. OF UNIT: **Two**	SIZE/RATE: **1,000 lb**
[ ] AIR STRIPPER	NO. OF UNIT:	SIZE/RATE:
[x] SETTLING TANK/BASIN - (MUST HAVE A MINIMUM OF 15 MINUTE RETENTION TIME)	NO. OF UNIT: **One Settling Weir Tank**	SIZE/RATE: **8,400 gallons (210 minute retention time)**
[ ] pH NEUTRALIZATION	NO. OF UNIT:	SIZE/RATE:
[ ] PLASTER TRAP	NO. OF UNIT:	SIZE/RATE:
[ ] OTHER, EXPLAIN:		
[ ] NONE		
MANUFACTURER: **ADLER**		SERIAL NUMBER: **N/A**
MEA/BSA NUMBER: **N/A**		REAGENT(S): **N/A**

APPLICANT'S NAME:	APPLICANT'S SIGNATURE:	DATE:
Scott A. Underhill	Scott A. Underhill	11/30/22

Prior to commencement of discharge and contingent upon the proper and acceptable completion of this form, payment shall be made and permit obtained from the Bureau of Customer Services for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

NYS Professional Engineer Self-Certification

I certify that pretreatment **[ ] is**, **[X] is not** necessary for the groundwater discharge from the above-referenced premises to be in compliance with the limits found on page 6 of this form titled, "LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS," and if it is necessary that the proper equipment has been checked off above.

I certify that representative groundwater samples have been collected from said premises within the past 12 months and properly handled, preserved, and analyzed in accordance with 40 CFR Part 136 or if 40 CFR Part 136 does not cover the pollutant in question, in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," and that the analysis of such samples by a New York State Health Department certified wastewater laboratory shows compliance with the limits found on page 6 of this form titled, "LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS." I acknowledge that the owner of the premises is required to maintain the sampling results upon which this self-certification is based for a minimum of either five years as required by 15 RCNY 19-02(f)(1)(iii), or such longer period as may be required by other applicable laws or regulations, and that said owner must make the results available to the NYC Department of Environmental Protection upon request. I acknowledge that no self-certification shall be deemed to waive, nor shall it be held to limit the power of the Commissioner of Environmental Protection to enforce any requirements of these or any other regulations, or of the Administrative Code or of any other law. The NYC Department of Environmental Protection shall not incur any liabilities or obligations for the failure of the effluent from such self-certified premises to comply with this chapter or any other regulations, the Administrative Code or any other law. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

NAME OF NYS PROFESSIONAL ENGINEER:	**Scott A. Underhill**

SEAL & SIGNATURE (NYS P.E.)

SIGNATURE OF NYS P.E.:

DATE: 11/30/22

Property Owner's Sworn Statement

I acknowledge that the owner of the premises is required to maintain the sampling results upon which the above self-certification is based, for a minimum of either five years as required by 15 RCNY §19-02(f)(1)(iii), or such longer period as may be required by other applicable laws or regulations, and that it must be made available to the NYC Department of Environmental Protection upon request.

I acknowledge that if pretreatment was necessary to bring the premises' groundwater discharge into compliance with the "LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS," found on page 6 of this form, such pretreatment will continue for the duration of the groundwater discharge and that the owner is required to follow the manufacturers specifications for the operation and maintenance of the pretreatment equipment. I acknowledge that the owner must comply with any other federal, state or local laws applicable to the discharge of groundwater.

I agree that if air stripping, vapor extraction, or similar air related type of pretreatment is installed, I will need to obtain a permit from the NYC Department of Environmental Protection Division of Air/Noise Permitting, unless my site is under a New York State Department of Environmental Conservation Consent Order.

I agree to hold the groundwater to the maximum extent practicable during heavy wet weather events.

I agree that payment shall be made to and a permit obtained from the Bureau of Customer Services for groundwater discharge into a New York City sanitary or combined sewer in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

I acknowledge that if a groundwater discharge permit is obtained pursuant to the above self-certification, it will be for 10,000 gallons per day or less and that no discharge above that amount shall be permitted, unless a groundwater discharge permit is obtained for over 10,000 gallons per day from the Bureau of Customer Services after obtaining the

necessary letters of approval from the Bureau of Wastewater Treatment, and the Bureau of Water and Sewer Operations.

I acknowledge that no self-certification shall be deemed to waive, nor shall it be held to limit the power of the Commissioner of Environmental Protection to enforce any requirements of these or any other regulations, or of the Administrative Code or of any other law. The New York City Department of Environmental Protection shall not incur any liabilities or obligations for the failure of the effluent from such self-certified premises to comply with this chapter or any other regulations, the Administrative Code or any other law. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

I acknowledge that any permit granted will be contingent upon compliance with any other federal, state or local laws applicable to the permitted activity.

I acknowledge that failure to comply with the above-referenced limitations, or any other limitations or rules contained in 15 RCNY Chapter 19, or with any of the terms or conditions included in this form may result in the issuance of summonses to the property owner and/or agents of the property owner by which such noncompliance was effectuated (returnable to the New York City Office of Administrative Trials and Hearings) and/or revocation of any groundwater discharge permit, and that summonses carry penalties of up to $10,000 a day, per violation.

I acknowledge that under no circumstances shall muddy groundwater be discharged into the public sewer and that it is prohibited under 15 RCNY §19-03(a)(1).

NAME OF PROPERTY OWNER: 65-73 Eckford Realty LLC

NOTARIZED SIGNATURE OF PROPERTY OWNER OR AUTHORIZED FIRM REPRESENTATIVE:

State of New York, County of _____ SS: The undersigned being duly sworn deposes and says:

He/she is either the property owner or the property owner's authorized representative, is authorized to make the above "Property Owner's Sworn Statement," and such statement is true and correct.

Date: 12/5/2022

Signature: _____

Print name: Abraham Posner

Title: Member

Sworn to before me on: December 5, 20 22

Notary Public

Notary Stamp:

KRISTIN SMALLS
Notary Public - State of New York
NO. 01SM6432132
Qualified in Bronx County
My Commission Expires Apr 25, 2026

FOR OFFICIAL USE ONLY **This form has been received by the NYCDEP, Bureau of Customer Services on:**	
Name:	**Signature:**

LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS

Parameter[1]	**Daily Limit[3]**	**Units**	**Sample Type**	**Monthly Limit[4]**
Non-polar material[2]	50	mg/l	Instantaneous	---
pH	5-12	SUs	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
Total Suspended Solids (TSS)	350	mg/l	Instantaneous	---
Other				

1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the method detection limit (MDL) and limit of quantitation (LOQ) required by the analytical method that is used to analyze the parameter. If the method does not contain an MDL or LOQ, the lab must use an approved method that does contain an MDL or LOQ. If none of the approved methods contain an MDL or LOQ for that parameter then the lab must develop its own LOQ, and report it with the analytical results.

2 Non-polar material means that portion of the oil and grease that is not eliminated from a solution containing N-Hexane, or any other extractant the EPA shall prescribe, by silica gel or any other means of adsorption the EPA shall prescribe.

3 The daily limit is the maximum allowable discharge of a pollutant during a 24-hour period. Where the daily limit is expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.

4 The monthly limit is the maximum allowable discharge of a pollutant during one calendar month based on the average of all samples taken that month.

Attachment 2 – NYCDEP Application for Permits for Temporary Discharge of Groundwater into the City Sewer System

The City of New York
Department of Environmental Protection
Division of Permitting and Connections

APPLICATION FOR PERMITS

FOR TEMPORARY DISCHARGES(S) OF GROUNDWATER INTO THE CITY SEWER SYSTEM

Nature of Dewatering Installation: Temporary dewatering for construction

Borough of Brooklyn

Building Dept. No.(s) 3067535

Location: 65-73 Eckford Street
Brooklyn, New York

Tax Block No. 2698

Tax Lot No.(s) 26

Property Ownership Info./
Person responsible for Payment

Owner's Name: 65-73 Eckford Realty LLC

Owner's Address: 199 Lee Avenue, #693
Brooklyn, NY 11211

Owner's Telephone: (347) 512-6991

Type of Ownership

- ☐ Individual
- ☐ Partnership
- ☒ Corporation
- ☐ Government
- ☐ Other.

1. Plan

All Drains To Be Gravity Lines Only

2. a) Buildings Use: Current Use: Vacant/ Construction Site
Future Use: Residential & Commercial

Location: **Existing 6" sewer connection to 15" combined sewer located at Eckford Street between Engert and Driggs Avenues in Brooklyn NY - DEP File Number C-5883(1)**

b) No. & Size of Connection Required:
6" diameter connection (existing)

d) Allowable Discharge
Proposed 9,600 GPD for 225 days (less than 10,000 GPD)

3. DEP Approval Letter Date: 05 / 26 / 2018 (renewed most recently on 8/17/2021)

4. Projected Duration of Project: 225 days

It is understood and agreed that the work proposed shall be executed in a good and workman-like manner and to the satisfaction of the Commissioner, in accordance with the provisions of the Administrative Code of the City of New York and any amendments thereto, and any applicable rules and regulations.

NOTE: ~~PLUMBER~~ *ENGINEER* TO AFFIX SEAL

Existing hard connection on the Site installed under permit number 929596 (NYCDEP Case File C-5883 (1)

Name of the Licensed ~~Plumber~~ *Engineer* (Print) Scott Underhill

Signature of the Licensed ~~Plumber~~ *Engineer*

Address of the Licensed ~~Plumber~~ *Engineer* 237 West 35th Street, NY, NY 10123

~~Plumber~~ *Engineer*'s License Number 075332

STATE OF NEW YORK ★ SCOTT ANDREW UNDERHILL ★ 075332 LICENSED PROFESSIONAL ENGINEER

5. Projected Date of Plug Permit: ___/___/___

Bureau of Customer Services
Comments and approval stamp

Date: ___/___/___

	UNIT COUNT	FEE PER UNIT	PERMIT FEE
PAYMENT FOR SEWER USE			$ ____.____

Note: Approval Valid for One (1) Year

Fill in Permit Numbers

Date: ___/___/___

Total Fee Paid: $ ____.____

Clerk:
Bureau of Customer Services

NOTE: File Copy of Payment Receipt and Indemnity Agreement with Division of Permitting and Connections

Revision: February 2004

Attachment 3 – Special Indemnity Agreement

Special Indemnity Agreement
For Temporary Groundwater Discharge in the New York City Sewer System

December 13, 2022

New York City Department of Environmental Protection
59-17 Junction Boulevard
Flushing, NY 11373
Attn: Commissioner

Location: RE: Dewatering Permit C-5883(1)
65 Eckford Street
Brooklyn, New York

Re: Temporary Dewatering Permit

Dear Commissioner:

65-73 Eckford Realty LLC, (the "Property Owner") hereby agrees to indemnify, defend, and hold harmless, to the fullest extent permitted by law, the City of New York (the "City"), including its officials, employees, contractors, consultants, and representatives, from and against any and all claims, suits, actions, proceedings, losses, and costs and expenses of whatever kind (including but not limited to payment or reimbursement of attorneys' fees and disbursements) allegedly arising out of or in any way related to 1) the construction, maintenance, operation, or use of any direct or indirect connection to the City sewer system for the purpose of dewatering; 2) the temporary discharge (direct or indirect) to the City sewer system for the purpose of dewatering; or 3) any side effects from the lowering of the water table such as, but not limited to, impact of drawdown on the perimeter of the site, salt water intrusion, movement of contaminated groundwater, backflow due to surcharge of outlet sewer, and effect on any wetlands.

Sincerely,

STATE OF NEW YORK
SCOTT ANDREW UNDERHILL
075332
LICENSED PROFESSIONAL ENGINEER

Professional Engineer, STAMP & Signature

Abraham Posner
65-73 Eckford Realty LLC
199 Lee Avenue, #693,
Brooklyn, NY 11211

ISAAC SOFER
NOTARY PUBLIC-STATE OF NEW YORK
No. 01SO6422193
Qualified in Kings County
My Commission Expires 09-20-2025

Rev. August 18, 2020

Attachment 4 – Analytical Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2264103
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	65 ECKFORD STREET
Project Number:	0202156
Report Date:	11/18/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2264103-01	MW-05-DEP	WATER	65 ECKFORD S, BROOKLYN, NY	11/15/22 08:45	11/15/22

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

Case Narrative (continued)

Report Submission

November 18, 2022: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

PCBs

The surrogate recoveries for the WG1712727-1 Method Blank, associated with L2264103-01, are below the acceptance criteria for decachlorobiphenyl (34%,34%). The associated sample is non-detect and has acceptable surrogate recoveries; therefore, no further actions were taken.

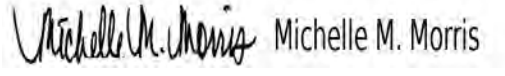
Nitrogen, Total Kjeldahl

WG1713166: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the results could not be reported.

Solids, Total

The WG1713276-3 Laboratory Duplicate RPD for solids, total (18%), performed on L2264103-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Michelle M. Morris

Title: Technical Director/Representative Date: 11/18/22

ORGANICS

VOLATILES

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

SAMPLE RESULTS

Lab ID: L2264103-01
Client ID: MW-05-DEP
Sample Location: 65 ECKFORD S, BROOKLYN, NY
Date Collected: 11/15/22 08:45
Date Received: 11/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 11/16/22 19:44
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Benzene	1.2		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	0.73	J	ug/l	1.0	0.28	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-Xylene	0.57	J	ug/l	1.0	0.34	1
Xylenes, Total	0.57	J	ug/l	1.0	0.30	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	93		60-140
Fluorobenzene	110		60-140
4-Bromofluorobenzene	91		60-140

Project Name: 65 ECKFORD STREET **Lab Number:** L2264103

Project Number: 0202156 **Report Date:** 11/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 11/16/22 18:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1713591-4					
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
Tetrachloroethene	ND		ug/l	1.0	0.26
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-Xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Methyl tert butyl Ether	ND		ug/l	10	0.19

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	95		60-140
Fluorobenzene	107		60-140
4-Bromofluorobenzene	91		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1713591-3								
Chloroform	120		-		70-135	-		54
Carbon tetrachloride	110		-		70-130	-		41
Tetrachloroethene	95		-		70-130	-		39
1,1,1-Trichloroethane	115		-		70-130	-		36
Benzene	120		-		65-135	-		61
Toluene	105		-		70-130	-		41
Ethylbenzene	100		-		60-140	-		63
1,4-Dichlorobenzene	95		-		65-135	-		57
p/m-Xylene	95		-		60-140	-		30
o-Xylene	95		-		60-140	-		30
Methyl tert butyl Ether	105		-		60-140	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	95				60-140
Fluorobenzene	107				60-140
4-Bromofluorobenzene	94				60-140

SEMIVOLATILES

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

SAMPLE RESULTS

Lab ID: L2264103-01
Client ID: MW-05-DEP
Sample Location: 65 ECKFORD S, BROOKLYN, NY

Date Collected: 11/15/22 08:45
Date Received: 11/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 11/16/22 19:43
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 11/16/22 03:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Naphthalene	ND		ug/l	2.00	0.896	1
Phenol	ND		ug/l	5.00	0.262	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-87
Phenol-d6	38		16-65
Nitrobenzene-d5	75		42-122
2-Fluorobiphenyl	78		46-121
2,4,6-Tribromophenol	85		45-128
4-Terphenyl-d14	84		47-138

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 11/16/22 19:17
Analyst: SZ

Extraction Method: EPA 625.1
Extraction Date: 11/16/22 03:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1712726-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Naphthalene	ND		ug/l	2.00	0.896
Phenol	ND		ug/l	5.00	0.262

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-87
Phenol-d6	38		16-65
Nitrobenzene-d5	73		42-122
2-Fluorobiphenyl	80		46-121
2,4,6-Tribromophenol	81		45-128
4-Terphenyl-d14	91		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1712726-2								
1,2,4-Trichlorobenzene	67		-		57-130	-		50
Naphthalene	73		-		36-120	-		65
Phenol	42		-		17-120	-		64

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61				25-87
Phenol-d6	46				16-65
Nitrobenzene-d5	82				42-122
2-Fluorobiphenyl	87				46-121
2,4,6-Tribromophenol	82				45-128
4-Terphenyl-d14	87				47-138

PCBS

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

SAMPLE RESULTS

Lab ID: L2264103-01
Client ID: MW-05-DEP
Sample Location: 65 ECKFORD S, BROOKLYN, NY

Date Collected: 11/15/22 08:45
Date Received: 11/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 11/17/22 08:58
Analyst: ER

Extraction Method: EPA 608.3
Extraction Date: 11/16/22 03:30
Cleanup Method: EPA 3665A
Cleanup Date: 11/16/22
Cleanup Method: EPA 3660B
Cleanup Date: 11/16/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.050	0.008	1	A
Aroclor 1221	ND		ug/l	0.050	0.011	1	A
Aroclor 1232	ND		ug/l	0.050	0.023	1	A
Aroclor 1242	ND		ug/l	0.050	0.018	1	A
Aroclor 1248	ND		ug/l	0.050	0.023	1	A
Aroclor 1254	ND		ug/l	0.050	0.008	1	A
Aroclor 1260	ND		ug/l	0.050	0.017	1	A
PCBs, Total	ND		ug/l	0.050	0.008	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		37-123	A
Decachlorobiphenyl	39		38-114	A
2,4,5,6-Tetrachloro-m-xylene	64		37-123	B
Decachlorobiphenyl	41		38-114	B

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 11/17/22 08:41
Analyst: ER

Extraction Method: EPA 608.3
Extraction Date: 11/16/22 03:30
Cleanup Method: EPA 3665A
Cleanup Date: 11/16/22
Cleanup Method: EPA 3660B
Cleanup Date: 11/16/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1712727-1						
Aroclor 1016	ND		ug/l	0.050	0.008	A
Aroclor 1221	ND		ug/l	0.050	0.011	A
Aroclor 1232	ND		ug/l	0.050	0.023	A
Aroclor 1242	ND		ug/l	0.050	0.018	A
Aroclor 1248	ND		ug/l	0.050	0.023	A
Aroclor 1254	ND		ug/l	0.050	0.008	A
Aroclor 1260	ND		ug/l	0.050	0.017	A
PCBs, Total	ND		ug/l	0.050	0.008	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		37-123	A
Decachlorobiphenyl	**34**	Q	38-114	A
2,4,5,6-Tetrachloro-m-xylene	68		37-123	B
Decachlorobiphenyl	**34**	Q	38-114	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1712727-2									
Aroclor 1016	78		-		50-140	-		36	A
Aroclor 1260	73		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67				37-123	A
Decachlorobiphenyl	69				38-114	A
2,4,5,6-Tetrachloro-m-xylene	72				37-123	B
Decachlorobiphenyl	72				38-114	B

METALS

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

SAMPLE RESULTS

Lab ID: L2264103-01
Client ID: MW-05-DEP
Sample Location: 65 ECKFORD S, BROOKLYN, NY
Date Collected: 11/15/22 08:45
Date Received: 11/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	11/16/22 11:59	11/17/22 00:06	EPA 3005A	19,200.7	MRC
Copper, Total	0.0075	J	mg/l	0.0100	0.0022	1	11/16/22 11:59	11/17/22 00:06	EPA 3005A	19,200.7	MRC
Lead, Total	0.0103		mg/l	0.0100	0.0027	1	11/16/22 11:59	11/17/22 00:06	EPA 3005A	19,200.7	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/16/22 12:37	11/16/22 16:26	EPA 245.1	3,245.1	DJR
Nickel, Total	ND		mg/l	0.0250	0.0024	1	11/16/22 11:59	11/17/22 00:06	EPA 3005A	19,200.7	MRC
Zinc, Total	0.0242	J	mg/l	0.0500	0.0021	1	11/16/22 11:59	11/17/22 00:06	EPA 3005A	19,200.7	MRC

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1712765-1										
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	11/16/22 11:59	11/16/22 23:53	19,200.7	MRC
Copper, Total	ND		mg/l	0.0100	0.0022	1	11/16/22 11:59	11/16/22 23:53	19,200.7	MRC
Lead, Total	ND		mg/l	0.0100	0.0027	1	11/16/22 11:59	11/16/22 23:53	19,200.7	MRC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	11/16/22 11:59	11/16/22 23:53	19,200.7	MRC
Zinc, Total	ND		mg/l	0.0500	0.0021	1	11/16/22 11:59	11/16/22 23:53	19,200.7	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1712767-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/16/22 12:37	11/16/22 16:20	3,245.1	DJR

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2264103

Report Date: 11/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1712765-2								
Cadmium, Total	99		-		85-115	-		
Copper, Total	98		-		85-115	-		
Lead, Total	96		-		85-115	-		
Nickel, Total	92		-		85-115	-		
Zinc, Total	95		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1712767-2								
Mercury, Total	88		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1712765-3 QC Sample: L2264143-01 Client ID: MS Sample												
Cadmium, Total	ND	0.053	0.0572	108		-	-		75-125	-		20
Copper, Total	0.005J	0.25	0.279	112		-	-		75-125	-		20
Lead, Total	ND	0.53	0.527	99		-	-		75-125	-		20
Nickel, Total	0.003J	0.5	0.496	99		-	-		75-125	-		20
Zinc, Total	0.017J	0.5	0.538	108		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1712767-3 QC Sample: L2264103-01 Client ID: MW-05-DEP												
Mercury, Total	ND	0.005	0.00442	88		-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2264103

Report Date: 11/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1712767-4 QC Sample: L2264103-01 Client ID: MW-05-DEP						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

SAMPLE RESULTS

Lab ID: L2264103-01
Client ID: MW-05-DEP
Sample Location: 65 ECKFORD S, BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 11/15/22 08:45
Date Received: 11/15/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	960		mg/l	40	NA	4	-	11/17/22 04:49	121,2540B	DW
Solids, Total Suspended	48.		mg/l	10	NA	2	-	11/17/22 08:20	121,2540D	CN
Chloride	57.		mg/l	1.0	0.89	1	-	11/17/22 23:26	121,4500CL-E	TLH
pH (H)	6.8		SU	-	NA	1	-	11/16/22 10:27	121,4500H+-B	KES
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/22 05:31	44,353.2	KAF
Total Nitrogen	6.8		mg/l	0.30	0.30	1	-	11/18/22 16:42	107,-	JO
Nitrogen, Total Kjeldahl	6.77		mg/l	0.300	0.066	1	11/16/22 23:33	11/17/22 18:56	121,4500NH3-H	AT
Non-Polar Material by EPA 1664	ND		mg/l	4.00	1.24	1	11/17/22 13:00	11/17/22 15:17	140,1664B	JM
Flash Point	>150		deg F	70	NA	1	-	11/17/22 08:40	1,1010A	MRM
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	11/16/22 07:40	11/16/22 08:06	121,3500CR-B	KEP

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2264103
Report Date: 11/18/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1712725-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/22 02:07	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1712825-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	11/16/22 07:40	11/16/22 08:04	121,3500CR-B	KEP
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1713166-1										
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.022	1	11/16/22 23:33	11/17/22 18:43	121,4500NH3-H	AT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1713276-1										
Solids, Total	ND		mg/l	10	NA	1	-	11/17/22 04:49	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1713388-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	11/17/22 08:20	121,2540D	CN
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1713403-1										
Non-Polar Material by EPA 1664	ND		mg/l	4.00	1.24	1	11/17/22 13:00	11/17/22 15:17	140,1664B	JM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1713652-1										
Chloride	ND		mg/l	1.0	0.89	1	-	11/17/22 20:06	121,4500CL-E	TLH

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1712725-2								
Nitrogen, Nitrate/Nitrite	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1712779-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1712825-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713166-2								
Nitrogen, Total Kjeldahl	108		-		78-122	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713276-2								
Solids, Total	92		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713388-2								
Solids, Total Suspended	84		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713403-2								
Non-Polar Material by EPA 1664	93		-		64-132	-		34

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2264103

Report Date: 11/18/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713409-1					
Flash Point	100	-	96-104	-	
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1713652-2					
Chloride	100	-	90-110	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1712725-4 QC Sample: L2264103-01 Client ID: MW-05-DEP												
Nitrogen, Nitrate/Nitrite	ND	4	4.0	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1712825-4 QC Sample: L2264103-01 Client ID: MW-05-DEP												
Chromium, Hexavalent	ND	0.1	0.103	103		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713403-4 QC Sample: L2253988-68 Client ID: MS Sample												
Non-Polar Material by EPA 1664	ND	19.8	14.2	72		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713652-4 QC Sample: L2262402-01 Client ID: MS Sample												
Chloride	7.3	20	29	108		-	-		58-140	-		7

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1712725-3 QC Sample: L2264103-01 Client ID: MW-05-DEP						
Nitrogen, Nitrate/Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1712779-2 QC Sample: L2264167-01 Client ID: DUP Sample						
pH	7.4	7.4	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1712825-3 QC Sample: L2264103-01 Client ID: MW-05-DEP						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713276-3 QC Sample: L2264103-01 Client ID: MW-05-DEP						
Solids, Total	960	800	mg/l	**18**	Q	16
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713388-3 QC Sample: L2263869-01 Client ID: DUP Sample						
Solids, Total Suspended	460	550	mg/l	18		32
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713388-4 QC Sample: L2263802-01 Client ID: DUP Sample						
Solids, Total Suspended	300	230	mg/l	26		32
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713403-3 QC Sample: L2253988-68 Client ID: DUP Sample						
Non-Polar Material by EPA 1664	ND	ND	mg/l	NC		34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1713652-3 QC Sample: L2262402-01 Client ID: DUP Sample						
Chloride	7.3	7.5	mg/l	3		7

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2264103
Report Date: 11/18/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2264103-01A	Vial Na2S2O3 preserved	A	NA		2.5	Y	Absent		624-NYDEP(7)
L2264103-01B	Vial Na2S2O3 preserved	A	NA		2.5	Y	Absent		624-NYDEP(7)
L2264103-01C	Vial Na2S2O3 preserved	A	NA		2.5	Y	Absent		624-NYDEP(7)
L2264103-01D	Plastic 250ml H2SO4 preserved	A	<2	<2	2.5	Y	Absent		TKN-4500(28),NO3/NO2-353(28),TNITROGEN(28)
L2264103-01E	Amber 250ml unpreserved	A	7	7	2.5	Y	Absent		FLASH()
L2264103-01F	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		NI-UI(180),ZN-UI(180),HG-U(28),CD-UI(180),CU-UI(180),PB-UI(180)
L2264103-01G	Plastic 950ml unpreserved	A	7	7	2.5	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2264103-01H	Plastic 950ml unpreserved	A	7	7	2.5	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2264103-01I	Plastic 950ml unpreserved	A	7	7	2.5	Y	Absent		TSS-2540(7)
L2264103-01J	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		625-NYDEP(7)
L2264103-01K	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		625-NYDEP(7)
L2264103-01L	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		NYPCB-608-2L(365)
L2264103-01M	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		NYPCB-608-2L(365)
L2264103-01N	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		NYPCB-608-2L(365)
L2264103-01O	Amber 1000ml Na2S2O3	A	7	7	2.5	Y	Absent		NYPCB-608-2L(365)
L2264103-01P	Amber 1000ml HCl preserved	A	NA		2.5	Y	Absent		NYTPH-1664(28)
L2264103-01Q	Amber 1000ml HCl preserved	A	NA		2.5	Y	Absent		NYTPH-1664(28)

*Values in parentheses indicate holding time in days

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2264103
Project Number:	0202156	**Report Date:**	11/18/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

140 Method 1664,Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/15/22 | ALPHA Job #: L2264103

Client Information

Client: Haley & Aldrich of New York
Address: 237 West 35th Street, New York, NY 10123 Floor 16
Phone:
Fax:
Email: MConlon@haleyaldrich.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: 65 Eckford Street
Project Location: 65 Eckford St, Brooklyn, NY
Project #: 0202156
Project Manager: Mari Cate Conlon
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)
Due Date: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State/Fed Program	Criteria
NYC Sanitary and Combined Sewer Discharge	NYC-SEWER

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☒ No Are MCP Analytical Methods Required?
☐ Yes ☒ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
Please see attached list.
PCB reporting limit must be 65ppt. See attached list.

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 624 (See Attached List)	Total Metals (See Attached List)	Chloride, CBOD, Total Solids	Total Suspended Solids	pH, HexChrom	Non Polar Material - 1664	TKN, NO3/NO2	ABN 625 (See Attached List)	PCB 608 - Must acheive 65ppt RL	Flash Point			Sample Specific Comments	Total Bottles
64103-01	MW-05-DEP	11/15/22	0845	Water	ZS	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐	☐		18
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		1
Container Type						V	P	P	P	P	A	P	A	A	A	-	-		
Preservative						H	C	A	A	A	B	D	H	H	-	-	-		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/15/22	[signature] AAL	11/15/22 10:…
[signature] - AAL	11/15/22 13:30	Donna Schroeder AAL	11/15/22 1634
Donna Schroeder AAL	11/15/22	[signature]	11/15/22 2340

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Attachment 5 – Previous Permit Documents

NYC Environmental Protection

Vincent Sapienza, P.E.
Commissioner

Pam Elardo, P.E.
Deputy Commissioner

Bureau of Wastewater Treatment
96-05 Horace Harding Expressway – 2nd Floor
Corona, NY 11368

Tel. (718) 595-6924
Fax (718) 595-4084

December 10, 2018

65-73 Eckford Realty LLC
12 Spencer Street
Brooklyn, NY 11205
Attn: Yoel Schwimmer

Re: Groundwater Discharge, 65 Eckford Street, Brooklyn
File # C-5883(1)

Dear Mr. Schwimmer:

This Letter of Approval is a renewal of the Letter of Approval issued December 7, 2017.

This is in response to the December 3, 2018 submission requesting permission to discharge up to **20,000 gallons per day (gpd)** of groundwater generated during the construction of a new 5-story hotel building located at 65 Eckford Street, Brooklyn, NY 11222 (New York State Department of Environmental Conservation Brownfield Cleanup Program Site No. C224218). The groundwater will be treated through one 8,400 gallon frac tank, one 5-micron bag filter unit, and two 1,000 lb carbon units, per provided schematic and information, before discharging to a new approved 6" sewer connection. The sewer connection leads to the existing 15" combined sewer located at Eckford Street between Engert and Driggs Avenues in Brooklyn, NY.

Based upon the information, schematic and analytical data submitted, you are hereby conditionally authorized, to discharge up to 20,000 gpd of the groundwater, treated through the above system, per provided schematic and information, as specified in your submission, **for a period of one year**, to the combined sewer at the above mentioned location. **This Letter of Approval shall expire at midnight on December 9, 2019.**

You are prohibited from discharging any groundwater during wet weather events.

This conditional approval, however, is subject to your obtaining a groundwater discharge Approval, specifying allowable flow rates, from the Chief of Permitting and Compliance, Bureau of Water and Sewer Operations. You are also required to follow manufacturer specifications for the operation and maintenance of the selected equipment. **This Letter of Approval is contingent upon the permittee's compliance with any other Federal, State or Local laws applicable to the permitted activity.**

Under no circumstances shall muddy groundwater be discharged into the

public sewer.

Payment shall be made to and permit obtained from the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

You must notify this section in writing prior to the commencement of discharge. Refer to File # C-5883(1) in any correspondence to this office.

The permittee must collect samples of the groundwater after the pretreatment system *in each quarter of the calendar year.* **The samples must be analyzed for the parameter(s) included in the attached chart by a New York State Department of Health certified laboratory. The results must be submitted to this office within 14 days after each sampling date. If the sampling results, or any other sampling results, exceed the DEP limits, the discharge must cease and the Bureau of Wastewater Treatment must be notified immediately by phone at (718) 595-4715 and by fax at (718) 595-4771.**

You are prohibited from discharging any groundwater that exceeds the attached discharge limit(s), as well as those contained in Title 15 Rules of the City of New York Chapter 19.

This Letter of Approval is an Order of the Commissioner of the Department of Environmental Protection. Please be advised that failure to comply with this Letter of Approval may result in the issuance of Summonses (returnable to the New York City Office of Administrative Trials and Hearings) and/or revocation of the Letter of Approval. Summonses carry penalties of up to $10,000 a day, per violation.

If you have any questions concerning this matter, please contact Sean H. Hulbert, P.E., Assistant Chemical Engineer, at (718) 595-4715.

Sincerely,

Frances Leung, P.E., Chief
Industrial Inspections and
Permitting Section

enc: Sampling Requirements and Limitations

SAMPLING REQUIREMENTS AND LIMITATIONS

Parameter[1]	**Daily Limit**	**Units**	**Sample Type**	**Monthly Limit**
Non-polar material[2]	50	mg/l	Instantaneous	---
pH	5-12	SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total)[3]	1	ppb	Composite	---
Total Suspended Solids (TSS)	350	mg/l	Instantaneous	---
CBOD	---	---	Composite	---
Chloride	---	---	Instantaneous	---
Total Nitrogen[4]	---	---	Composite	---
Total Solids	---	---	Instantaneous	---
Other				

1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the method detection limit (MDL) and limit of quantitation (LOQ) required by the analytical method that is used to analyze the parameter. If the method does not contain an MDL or LOQ, the lab must use an approved method that does contain an MDL or LOQ. If none of the approved methods contain an MDL or LOQ for that parameter then the lab must develop its own LOQ, and report it with the analytical results.

2 Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N–Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.

3 Analysis for PCB's is required if ***both*** conditions listed below are met:
1) if proposed discharge ≥ 10,000 gpd;
2) if duration of a discharge > 10 days.
Analysis for PCB's must be done by EPA method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).

4 Total Nitrogen = Total Kjeldahl Nitrogen (TKN) + Nitrite (NO_2) + Nitrate (NO_3).

Environmental Protection

Vincent Sapienza, P.E.
Commissioner

Anastasios Georgelis, P.E.
Acting Deputy Commissioner
Bureau of Water and
Sewer Operations

59-17 Junction Boulevard
Flushing, NY 11373

watersewerplanning@dep.nyc.gov
sewerinfo@dep.nyc.gov

May 8, 2018

Ariel Czemerinski, P.E.
AMC Engineering, PLLC
18-36 42nd Street
Astoria, NY 11105

Re: Dewatering at 65 Eckford Street
Block # 2698, Lot # 26
Borough of the Brooklyn

Dear Mr. Czemerinski:

We are in receipt of your dewatering submittal received on April 26, 2018, requesting permission to temporarily discharge up to 20,000 gallons per day (gpd) of groundwater, continuously for a period of one year, during construction, through a proposed 6"diameter (dia.) connection (as per the SCP ID # 648) to the 15"dia. combined sewer in Eckford Street between Driggs Avenue and Engert Avenue in the Borough of Brooklyn.

Based upon the information, schematic and analytical data submitted, you are hereby authorized to obtain DEP permits to temporarily discharge during the construction up to 20,000 gallons per day (gpd) of ground water, at the rate not to exceed 0.0309 cubic feet per second (cfs) for a period of one year as specified in your submission, during dry weather only, to the combined sewer at the above referenced locations. The Industrial Inspections and Permitting Section has given the approval (C-5883-1) for this dewatering discharge by a letter dated December 7, 2017.

The discharger shall indemnify and hold the City harmless for any damage or liability incurred by the City due to the dewatering and in the event that the discharge results in overloading the capacity of the discharge sewer. See copy of the Special Indemnity Agreement, to be signed and filed with the discharge permit application.

Please note that no dewatering permit will be issued until the application for a sewer connection is approved by the Brooklyn Water & Sewer Record Office and payment is made to the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

If you have any further questions concerning this matter, please contact:
Mr. Suresh Kumar at (718) 595-5205.

Very truly yours,

Guo Zhan Wu, P.E., Chief
Site Connection, Green Infrastructure
And Plan Review

NYC Environmental Protection

PERMIT

Customer Name:	AMC ENGINEERING PLLC			**Phone No.:**	
				Account No.:	2001005206001
				BBL:	04-99999-9999
Permit Type:	PO-BLDG PRPS MS PERMIT-BUILDNG (POMSC)	**Permit No:**	859082	**Fee:**	$994.65
Issued By:	MO	**Issued Date:**	12/03/2018		

Permited Activity:

PO-BLDG PRPS MS AMC ENGINEERING, DEWATERING @ 65 ECKFORD ST, FILE #C-5883(1), DISCHARGE 120,000 GALLONS OF WATER, 11/2018 THRU 12/2019.

Start Date:	**End Date:**	**Start Time:**	**End Time:**
Days Used: 0			
Permittee:	EXPEDITOR		
Permittee's Address:	_____		
	_____		

Additional Notes:

1. An approved backflow prevention device is required for all hydrant connections unless otherwise noted.
2. Hydrant permits are valid between the hours of 7:30 AM and 7:30 PM unless otherwise noted.
3. Hydrant permits are invalid when the temperature is below 32 degrees Fahrenheit.
4. Hydrants must be pumped out immediately after use from November 1st to April 15th.
5. Hydrant permit must be displayed at site where the water is being used.
6. Unless otherwise noted above, all hydrant use must comply with §20-08(b) of RCNY Title 15 Chapter 20.

DEP PERMIT QUEENS OFFICE
2018 DEC -4 A 10:44

ATTACHMENT B
NYCDEP Temporary Discharge of Groundwater Approval

NYC Environmental Protection

PERMIT

Permit Type:	DEWATERING PERMIT	**Permit No:**	C001949337
Customer's Name:	Haley & Aldrich of New York	**Phone Number:**	646-518-7735
Customer's Service Address:		**Account Number:**	9002002429001
Customer's Mailing Address:	237 W 35th St fl 16 New York, NY 10001-1905		
Issued By:	LJ	**Issue Date:**	12/29/2022
Permitted Activity:	2,160,000 gallons of discharge (12/05/2022 thru 11/30/2023) @ $6.83 per hundred cubic feet - $19,722.99 Permit Fee	**Expiration Date:**	11/30/2023
		Fee:	$19,722.99
Permittee:	Haley & Aldrich of New York		
Dewatering Location:	SC-1221, 65-73 Eckford Street, Brooklyn NY 11222		
BBL:			

Additional Requirements:

1. If the approval is revoked, the permit is no longer valid.

PERMIT ISSUED BY
THE CITY OF NEW YORK
BROOKLYN DEP/BCS

RECEIVED-BCS
BROOKLYN BOROUGH OFFICE
2022 DEC 29 P 5:16