HALEY & ALDRICH OF NEW YORK
213 West 35th Street
7th Floor
New York, NY 10123
646.518.7735

8 August 2023
File No. 0202156

Via Email: Jolene.lozewski@dec.ny.gov
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

Attention: Jolene Lozewski

Subject: Project Status Report
Former Carter Spray Finishing Corp. - NYSDEC BCP Site C224218
65 Eckford Street
Brooklyn, New York

Dear Jolene Lozewski:

Haley & Aldrich of New York is pleased to present this Project Status Report on behalf of 65-73 Eckford Realty, LLC for the above referenced Site. Copies of this Project Status Report have also been provided to Scarlett McLaughlin and Arunesh Ghosh of the New York State Department of Health. The Project Status Report is for 1 July 2023 to 1 August 2023. If you have any questions, please contact us at 646-277-5688.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Mari Cate Conlon
Associate

CC:

Bob Corcoran (NYSDEC)	Email: bob.corcoran@dec.ny.gov
Scarlett McLaughlin (NYSDOH)	Email: scarlett.mclaughlin@health.ny.gov
Arunesh Ghosh (NYSDOH)	Email: arunesh.ghosh@health.ny.gov
65-73 Eckford Realty, LLC	Email: abe6991@gmail.com
Isaac Sofer (Prestige NY LLC)	Email: isaac@prestigenyllc.com
Jon Schuyler Brooks (Abramson Brooks LLP)	Email: jbrooks@abramsonbrooks.com

This status report summarizes activities conducted at the Former Carter Spray Finishing Corp. Site (the Site) located at 65 Eckford Street, Brooklyn, NY from 1 July 2023 to 1 August 2023. A Site plan showing the current Site conditions is included as Figure 1.

Remedial Measure Activities

Remedial activities during this reporting period included soil excavation and stockpiling in all regions of the Site to facilitate tie-back installation. Additionally, a total of 56 trucks (approx. 1120 cubic yards) were loaded with hazardous lead-impacted soil for disposal at Cycle Chem Inc. between 1 July 2023 and 1 August 2023.

On 18 July 2023, samples were collected from both offsite sentinel wells, OW-1 and OW-2, respectively, and on 20 July 2023, influent and effluent samples were collected from the active dewatering system as per the NYSDEC approved Water Withdrawal, Treatment & Discharge Plan.

Sampling Results and Other Data

Influent and effluent sampling results from the active dewatering system are provided in Attachment A. Sampling results for the offsite sentinel wells are provided in Attachment B.

Estimated Percentage of Project Completion

The remedial action phase is 60% complete.

Delays Encountered

None.

Site Communication and Deliverable Submittals

Twenty-one daily reports and request to import forms were submitted to New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) during this reporting period.

Anticipated Activities during Next Reporting Period(s)

Continued Site preparation, tie-back installation, soil excavation and load out of offsite disposal, sampling of offsite groundwater monitoring wells, dewatering system effluent and influent sampling are anticipated during the next reporting period(s).

Anticipated Citizen Participation Activities

<u>Current Period</u>

None.

<u>Anticipated Next Period</u>

None.

Other Notable Items

None.

Figures

Figure 1 – Current Site Conditions Map

Attachments

Attachment A – Analytical Data for Influent and Effluent Dewatering Samples – July 2023

Attachment B – Analytical Data for Offsite Sentinel Wells – July 2023

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

CURRENT SITE CONDITIONS MAP

AUGUST 2023

FIGURE 1

ATTACHMENT A
Analytical Data for Influent and Effluent Dewatering Samples – July 2023

ANALYTICAL REPORT

Lab Number:	L2341704
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:	08/02/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2341704-01	INFLUENT DW SAMPLE 20230720	WATER	65 ECKFORD ST, BROOKLYN, NY	07/20/23 10:15	07/20/23
L2341704-02	EFFLUENT DW SAMPLE 20230720	WATER	65 ECKFORD ST, BROOKLYN, NY	07/20/23 09:30	07/20/23
L2341704-03	TRIP BLANK	WATER	65 ECKFORD ST, BROOKLYN, NY	07/20/23 00:00	07/20/23

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2341704
Project Number:	0202156	**Report Date:**	08/02/23

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:**	L2341704
Project Number:	0202156	**Report Date:**	08/02/23

Case Narrative (continued)

Report Revision

August 02, 2023: The Volatile Organics analyte list has been amended on L2341704-01.

Report Submission

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

Sample Receipt

L2341704-03: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Chloride

The Effluent (L2341704-02) result is greater than the Influent (L2341704-01) result. The sample containers were verified as being labeled correctly by the laboratory, and the reported results were confirmed.

NON-POLAR MATERIAL BY EPA 1664

The WG1808166-4 MS recovery, performed on L2341704-02, is outside the acceptance criteria for non-polar material by epa 1664 (0%); however, the associated LCS recovery is within criteria. No further action was taken.

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:  Cristin Walker

Title: Technical Director/Representative Date: 08/02/23

ORGANICS

VOLATILES

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01
Client ID: INFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/20/23 10:15
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 07/22/23 15:02
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	0.43	J	ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	1.2	J	ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	0.19	J	ug/l	1.0	0.17	1

Project Name: 65 ECKFORD STREET **Lab Number:** L2341704

Project Number: 0202156 **Report Date:** 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01 Date Collected: 07/20/23 10:15

Client ID: INFLUENT DW SAMPLE 20230720 Date Received: 07/20/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	1.2	J	ug/l	2.0	0.30	1
o-xylene	0.45	J	ug/l	1.0	0.34	1
Xylenes, Total	1.7	J	ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	18		ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	3.0	J	ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Methyl tert butyl Ether	0.43	J	ug/l	10	0.19	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	96		60-140
Fluorobenzene	94		60-140
4-Bromofluorobenzene	98		60-140

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-02
Client ID: EFFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/20/23 09:30
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 07/22/23 15:36
Analyst: KJD

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	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		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	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	98		60-140
Fluorobenzene	95		60-140
4-Bromofluorobenzene	94		60-140

Project Name: 65 ECKFORD STREET **Lab Number:** L2341704

Project Number: 0202156 **Report Date:** 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-03 Date Collected: 07/20/23 00:00

Client ID: TRIP BLANK Date Received: 07/20/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 128,624.1

Analytical Date: 07/25/23 14:06

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	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		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	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	95		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	101		60-140

Project Name: 65 ECKFORD STREET **Lab Number:** L2341704

Project Number: 0202156 **Report Date:** 08/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/22/23 10:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1806638-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: 65 ECKFORD STREET **Lab Number:** L2341704

Project Number: 0202156 **Report Date:** 08/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/22/23 10:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1806638-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
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
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Methyl tert butyl Ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	99		60-140
Fluorobenzene	92		60-140
4-Bromofluorobenzene	93		60-140

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/25/23 13:15
Analyst: GMT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1807890-4					
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	97		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	100		60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1806638-3								
Methylene chloride	70		-		60-140	-		28
1,1-Dichloroethane	80		-		50-150	-		49
Chloroform	75		-		70-135	-		54
Carbon tetrachloride	85		-		70-130	-		41
1,2-Dichloropropane	75		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	90		-		70-130	-		45
2-Chloroethylvinyl ether	90		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	80		-		65-135	-		53
Trichlorofluoromethane	70		-		50-150	-		84
1,2-Dichloroethane	70		-		70-130	-		49
1,1,1-Trichloroethane	80		-		70-130	-		36
Bromodichloromethane	90		-		65-135	-		56
trans-1,3-Dichloropropene	90		-		50-150	-		86
cis-1,3-Dichloropropene	90		-		25-175	-		58
Bromoform	90		-		70-130	-		42
1,1,2,2-Tetrachloroethane	90		-		60-140	-		61
Benzene	75		-		65-135	-		61
Toluene	95		-		70-130	-		41
Ethylbenzene	85		-		60-140	-		63
Chloromethane	60		-		1-205	-		60
Bromomethane	48		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1806638-3								
Vinyl chloride	65		-		5-195	-		66
Chloroethane	80		-		40-160	-		78
1,1-Dichloroethene	75		-		50-150	-		32
trans-1,2-Dichloroethene	80		-		70-130	-		45
cis-1,2-Dichloroethene	75		-		60-140	-		30
Trichloroethene	80		-		65-135	-		48
1,2-Dichlorobenzene	85		-		65-135	-		57
1,3-Dichlorobenzene	80		-		70-130	-		43
1,4-Dichlorobenzene	85		-		65-135	-		57
p/m-Xylene	78		-		60-140	-		30
o-Xylene	80		-		60-140	-		30
Styrene	80		-		60-140	-		30
Acetone	74		-		40-160	-		30
Carbon disulfide	60		-		60-140	-		30
2-Butanone	84		-		60-140	-		30
Vinyl acetate	98		-		60-140	-		30
4-Methyl-2-pentanone	88		-		60-140	-		30
2-Hexanone	96		-		60-140	-		30
Acrolein	105		-		60-140	-		30
Acrylonitrile	78		-		60-140	-		60
Methyl tert butyl Ether	70		-		60-140	-		30
Dibromomethane	75		-		70-130	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1806638-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	98				60-140
Fluorobenzene	94				60-140
4-Bromofluorobenzene	90				60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1807890-3								
Chloroform	115		-		70-135	-		54
Carbon tetrachloride	120		-		70-130	-		41
Tetrachloroethene	110		-		70-130	-		39
1,1,1-Trichloroethane	120		-		70-130	-		36
Benzene	115		-		65-135	-		61
Toluene	110		-		70-130	-		41
Ethylbenzene	110		-		60-140	-		63
1,4-Dichlorobenzene	105		-		65-135	-		57
p/m-Xylene	108		-		60-140	-		30
o-Xylene	110		-		60-140	-		30
Methyl tert butyl Ether	100		-		60-140	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	99				60-140
Fluorobenzene	102				60-140
4-Bromofluorobenzene	101				60-140

SEMIVOLATILES

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01
Client ID: INFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/20/23 10:15
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 07/26/23 21:37
Analyst: ALS
Extraction Method: EPA 625.1
Extraction Date: 07/26/23 07:24

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	52		25-87
Phenol-d6	38		16-65
Nitrobenzene-d5	96		42-122
2-Fluorobiphenyl	82		46-121
2,4,6-Tribromophenol	86		45-128
4-Terphenyl-d14	80		47-138

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-02
Client ID: EFFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY

Date Collected: 07/20/23 09:30
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 07/26/23 22:00
Analyst: ALS

Extraction Method: EPA 625.1
Extraction Date: 07/26/23 07:24

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	53		25-87
Phenol-d6	37		16-65
Nitrobenzene-d5	88		42-122
2-Fluorobiphenyl	79		46-121
2,4,6-Tribromophenol	72		45-128
4-Terphenyl-d14	77		47-138

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/26/23 20:29
Analyst: ALS

Extraction Method: EPA 625.1
Extraction Date: 07/26/23 07:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1807794-1					
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	33		25-87
Phenol-d6	24		16-65
Nitrobenzene-d5	55		42-122
2-Fluorobiphenyl	51		46-121
2,4,6-Tribromophenol	49		45-128
4-Terphenyl-d14	53		47-138

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1807794-3								
1,2,4-Trichlorobenzene	66		-		57-130	-		50
Naphthalene	70		-		36-120	-		65
Phenol	41		-		17-120	-		64

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49				25-87
Phenol-d6	42				16-65
Nitrobenzene-d5	85				42-122
2-Fluorobiphenyl	75				46-121
2,4,6-Tribromophenol	76				45-128
4-Terphenyl-d14	70				47-138

PCBS

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01
Client ID: INFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY

Date Collected: 07/20/23 10:15
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 07/26/23 01:49
Analyst: KB

Extraction Method: EPA 608.3
Extraction Date: 07/25/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 07/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/25/23

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	56		37-123	A
Decachlorobiphenyl	46		38-114	A
2,4,5,6-Tetrachloro-m-xylene	50		37-123	B
Decachlorobiphenyl	45		38-114	B

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-02
Client ID: EFFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY

Date Collected: 07/20/23 09:30
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 07/26/23 01:57
Analyst: KB

Extraction Method: EPA 608.3
Extraction Date: 07/25/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 07/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/25/23

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	63		37-123	A
Decachlorobiphenyl	62		38-114	A
2,4,5,6-Tetrachloro-m-xylene	56		37-123	B
Decachlorobiphenyl	59		38-114	B

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 07/25/23 14:59
Analyst: RMP

Extraction Method: EPA 608.3
Extraction Date: 07/25/23 07:37
Cleanup Method: EPA 3665A
Cleanup Date: 07/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1807415-1						
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	58		37-123	A
Decachlorobiphenyl	49		38-114	A
2,4,5,6-Tetrachloro-m-xylene	52		37-123	B
Decachlorobiphenyl	50		38-114	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1807415-2									
Aroclor 1016	73		-		50-140	-		36	A
Aroclor 1260	67		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68				37-123	A
Decachlorobiphenyl	59				38-114	A
2,4,5,6-Tetrachloro-m-xylene	62				37-123	B
Decachlorobiphenyl	58				38-114	B

METALS

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01
Client ID: INFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/20/23 10:15
Date Received: 07/20/23
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	07/23/23 03:15	07/27/23 10:44	EPA 3005A	19,200.7	DMB
Copper, Total	0.0076	J	mg/l	0.0100	0.0022	1	07/23/23 03:15	07/27/23 10:44	EPA 3005A	19,200.7	DMB
Lead, Total	0.0554		mg/l	0.0100	0.0027	1	07/23/23 03:15	07/27/23 10:44	EPA 3005A	19,200.7	DMB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/23/23 04:15	07/28/23 16:46	EPA 245.1	3,245.1	MJR
Nickel, Total	0.0087	J	mg/l	0.0250	0.0024	1	07/23/23 03:15	07/27/23 10:44	EPA 3005A	19,200.7	DMB
Zinc, Total	0.0415		mg/l	0.0050	0.0021	1	07/23/23 03:15	07/27/23 18:28	EPA 3005A	19,200.7	CEY

Project Name: 65 ECKFORD STREET
Lab Number: L2341704
Project Number: 0202156
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-02
Client ID: EFFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/20/23 09:30
Date Received: 07/20/23
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	07/23/23 03:15	07/27/23 10:49	EPA 3005A	19,200.7	DMB
Copper, Total	0.0023	J	mg/l	0.0100	0.0022	1	07/23/23 03:15	07/27/23 10:49	EPA 3005A	19,200.7	DMB
Lead, Total	0.0051	J	mg/l	0.0100	0.0027	1	07/23/23 03:15	07/27/23 10:49	EPA 3005A	19,200.7	DMB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/23/23 04:15	07/28/23 16:12	EPA 245.1	3,245.1	MJR
Nickel, Total	0.0080	J	mg/l	0.0250	0.0024	1	07/23/23 03:15	07/27/23 10:49	EPA 3005A	19,200.7	DMB
Zinc, Total	0.0065		mg/l	0.0050	0.0021	1	07/23/23 03:15	07/27/23 18:31	EPA 3005A	19,200.7	CEY

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

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): 01-02 Batch: WG1806120-1										
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	07/23/23 03:15	07/27/23 10:36	19,200.7	DMB
Copper, Total	ND		mg/l	0.0100	0.0022	1	07/23/23 03:15	07/27/23 10:36	19,200.7	DMB
Lead, Total	ND		mg/l	0.0100	0.0027	1	07/23/23 03:15	07/27/23 10:36	19,200.7	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	07/23/23 03:15	07/27/23 10:36	19,200.7	DMB
Zinc, Total	ND		mg/l	0.0050	0.0021	1	07/23/23 03:15	07/27/23 18:21	19,200.7	CEY

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): 01-02 Batch: WG1806123-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/23/23 04:15	07/28/23 13:44	3,245.1	MJR

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1806120-2								
Cadmium, Total	102		-		85-115	-		
Copper, Total	104		-		85-115	-		
Lead, Total	99		-		85-115	-		
Nickel, Total	97		-		85-115	-		
Zinc, Total	104		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1806123-2								
Mercury, Total	85		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

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): 01-02 QC Batch ID: WG1806120-3 QC Sample: L2341276-01 Client ID: MS Sample												
Cadmium, Total	ND	0.053	0.0555	105		-	-		75-125	-		20
Copper, Total	ND	0.25	0.264	106		-	-		75-125	-		20
Lead, Total	ND	0.53	0.534	101		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.496	99		-	-		75-125	-		20
Zinc, Total	0.0026J	0.5	0.548	110		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1806123-3 QC Sample: L2341353-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00428	86		-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1806120-4 QC Sample: L2341276-01 Client ID: DUP Sample						
Zinc, Total	0.0026J	0.0034J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1806123-4 QC Sample: L2341353-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-01
Client ID: INFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY

Date Collected: 07/20/23 10:15
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	1500		mg/l	13	NA	1.3	-	07/25/23 21:59	121,2540B	REM
Solids, Total Suspended	81.		mg/l	10	NA	2	-	07/22/23 17:30	121,2540D	REM
Chloride	160		mg/l	10	8.9	10	-	07/25/23 22:33	121,4500CL-E	TLH
pH (H)	7.08		SU	-	NA	1	-	07/24/23 23:49	121,4500H+-B	AAS
Nitrogen, Nitrate/Nitrite	0.048	J	mg/l	0.10	0.046	1	-	07/22/23 05:13	44,353.2	KAF
Total Nitrogen	9.0		mg/l	0.30	0.30	1	-	07/27/23 19:28	107,-	JRO
Nitrogen, Total Kjeldahl	8.96		mg/l	0.300	0.066	1	07/23/23 21:30	07/25/23 22:10	121,4500NH3-H	AVT
CBOD, 5 day	4.9		mg/l	2.0	NA	1	07/22/23 00:40	07/26/23 19:15	121,5210B	JRG
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	07/26/23 18:36	07/27/23 02:20	140,1664B	QJM
Flash Point	>150		deg F	70	NA	1	-	07/23/23 12:35	1,1010A	GEF
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/21/23 09:00	07/21/23 09:21	121,3500CR-B	OCF

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

SAMPLE RESULTS

Lab ID: L2341704-02
Client ID: EFFLUENT DW SAMPLE 20230720
Sample Location: 65 ECKFORD ST, BROOKLYN, NY

Date Collected: 07/20/23 09:30
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	1200		mg/l	13	NA	1.3	-	07/25/23 21:59	121,2540B	REM
Solids, Total Suspended	ND		mg/l	6.5	NA	1.3	-	07/22/23 17:30	121,2540D	REM
Chloride	220		mg/l	10	8.9	10	-	07/25/23 22:35	121,4500CL-E	TLH
pH (H)	7.10		SU	-	NA	1	-	07/24/23 23:49	121,4500H+-B	AAS
Nitrogen, Nitrate/Nitrite	0.22		mg/l	0.10	0.046	1	-	07/22/23 05:04	44,353.2	KAF
Total Nitrogen	6.9		mg/l	0.30	0.30	1	-	07/27/23 19:28	107,-	JRO
Nitrogen, Total Kjeldahl	6.65		mg/l	0.300	0.066	1	07/23/23 21:45	07/26/23 21:48	121,4500NH3-H	AVT
CBOD, 5 day	ND		mg/l	2.0	NA	1	07/22/23 00:40	07/26/23 19:15	121,5210B	JRG
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	07/26/23 18:36	07/27/23 02:21	140,1664B	QJM
Flash Point	>150		deg F	70	NA	1	-	07/23/23 12:35	1,1010A	GEF
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/21/23 09:00	07/21/23 09:22	121,3500CR-B	OCF

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

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): 01-02 Batch: WG1805989-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/21/23 09:00	07/21/23 09:18	121,3500CR-B	OCF
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1806337-1										
CBOD, 5 day	ND		mg/l	2.0	NA	1	07/22/23 00:40	07/26/23 19:15	121,5210B	JRG
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1806349-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	07/22/23 02:30	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1806536-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	07/22/23 17:30	121,2540D	REM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1806675-1										
Nitrogen, Total Kjeldahl	0.088	J	mg/l	0.300	0.022	1	07/23/23 21:30	07/25/23 22:05	121,4500NH3-H	AVT
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1806677-1										
Nitrogen, Total Kjeldahl	0.208	J	mg/l	0.300	0.022	1	07/23/23 21:45	07/26/23 21:35	121,4500NH3-H	AVT
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1807581-1										
Chloride	ND		mg/l	1.0	0.89	1	-	07/25/23 20:18	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1807639-1										
Solids, Total	ND		mg/l	10	NA	1	-	07/25/23 21:59	121,2540B	REM
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1808166-1										
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	07/26/23 18:36	07/27/23 02:20	140,1664B	QJM

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1805989-2								
Chromium, Hexavalent	92		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1806337-2								
CBOD, 5 day	92		-		41-119	-		49
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1806349-2								
Nitrogen, Nitrate/Nitrite	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1806536-2								
Solids, Total Suspended	93		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1806614-1								
Flash Point	99		-		96-104	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1806675-2								
Nitrogen, Total Kjeldahl	89		-		78-122	-		
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1806677-2								
Nitrogen, Total Kjeldahl	85		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1807147-1					
pH	100	-	99-101	-	5
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1807581-2					
Chloride	100	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1807639-2					
Solids, Total	99	-	80-120	-	
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1808166-2					
Non-Polar Material By EPA 1664	64	-	64-132	-	34

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2341704
Report Date: 08/02/23

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): 01-02 QC Batch ID: WG1805989-4 QC Sample: L2341704-02 Client ID: EFFLUENT DW SAMPLE 20230720												
Chromium, Hexavalent	ND	0.1	0.092	92		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806337-4 QC Sample: L2341704-02 Client ID: EFFLUENT DW SAMPLE 20230720												
CBOD, 5 day	ND	100	89	89		-	-		36-125	-		49
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806349-4 QC Sample: L2339748-01 Client ID: MS Sample												
Nitrogen, Nitrate/Nitrite	0.35	4	4.5	104		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1806675-4 QC Sample: L2340325-02 Client ID: MS Sample												
Nitrogen, Total Kjeldahl	0.166J	8	0.092J	**0**	Q	-	-		77-111	-		24
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1806677-4 QC Sample: L2340460-01 Client ID: MS Sample												
Nitrogen, Total Kjeldahl	0.566	8	5.90	**67**	Q	-	-		77-111	-		24
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1807581-4 QC Sample: L2340178-01 Client ID: MS Sample												
Chloride	6.9	20	29	110		-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1808166-4 QC Sample: L2341704-02 Client ID: EFFLUENT DW SAMPLE 20230720												
Non-Polar Material By EPA 1664	ND	19	ND	**0**	Q	-	-		64-132	-		34

Lab Duplicate Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1805989-3 QC Sample: L2341704-01 Client ID: INFLUENT DW SAMPLE 20230720						
Chromium, Hexavalent	ND	0.003J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806337-3 QC Sample: L2341704-02 Client ID: EFFLUENT DW SAMPLE 20230720						
CBOD, 5 day	ND	ND	mg/l	NC		49
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806349-3 QC Sample: L2339748-01 Client ID: DUP Sample						
Nitrogen, Nitrate/Nitrite	0.35	0.34	mg/l	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806536-3 QC Sample: L2341704-01 Client ID: INFLUENT DW SAMPLE 20230720						
Solids, Total Suspended	81.	88	mg/l	8		32
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1806536-4 QC Sample: L2341776-02 Client ID: DUP Sample						
Solids, Total Suspended	51.	53	mg/l	4		32
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1806675-3 QC Sample: L2340325-02 Client ID: DUP Sample						
Nitrogen, Total Kjeldahl	0.166J	0.121J	mg/l	NC		24
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1806677-3 QC Sample: L2340460-01 Client ID: DUP Sample						
Nitrogen, Total Kjeldahl	0.566	0.678	mg/l	18		24
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1807147-2 QC Sample: L2340096-01 Client ID: DUP Sample						
pH	7.98	8.01	SU	0		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2341704

Report Date: 08/02/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1807581-3 QC Sample: L2340178-01 Client ID: DUP Sample					
Chloride	6.9	7.0	mg/l	1	7
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1807639-3 QC Sample: L2341704-01 Client ID: INFLUENT DW SAMPLE 20230720					
Solids, Total	1500	1500	mg/l	0	16
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1808166-3 QC Sample: L2341704-01 Client ID: INFLUENT DW SAMPLE 20230720					
Non-Polar Material By EPA 1664	ND	ND	mg/l	NC	34

Project Name: 65 ECKFORD STREET
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341704-01A	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(3)
L2341704-01B	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(3)
L2341704-01C	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(3)
L2341704-01D	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		NI-UI(180),ZN-UI(180),HG-U(28),CD-UI(180),CU-UI(180),PB-UI(180)
L2341704-01E	Plastic 250ml H2SO4 preserved	A	<2	<2	5.2	Y	Absent		TKN-4500(28),NO3/NO2-353(28),TNITROGEN(28)
L2341704-01F	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		FLASH()
L2341704-01G	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2341704-01H	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2341704-01I	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSS-2540(7)
L2341704-01J	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		625-NYDEP(7)
L2341704-01K	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		625-NYDEP(7)
L2341704-01L	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-01M	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-01N	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-01O	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-01P	Amber 1000ml HCl preserved	A	NA		5.2	Y	Absent		NYTPH-1664(28)
L2341704-01Q	Amber 1000ml HCl preserved	A	NA		5.2	Y	Absent		NYTPH-1664(28)
L2341704-02A	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(7)
L2341704-02B	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(7)
L2341704-02C	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(7)

*Values in parentheses indicate holding time in days

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2341704
Report Date: 08/02/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341704-02D	Plastic 250ml HNO3 preserved	A	<2	<2	5.2	Y	Absent		NI-UI(180),ZN-UI(180),HG-U(28),CD-UI(180),CU-UI(180),PB-UI(180)
L2341704-02E	Plastic 250ml H2SO4 preserved	A	<2	<2	5.2	Y	Absent		TKN-4500(28),NO3/NO2-353(28),TNITROGEN(28)
L2341704-02F	Amber 250ml unpreserved	A	7	7	5.2	Y	Absent		FLASH()
L2341704-02G	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2341704-02H	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),CBOD5(2),PH-4500(.01)
L2341704-02I	Plastic 950ml unpreserved	A	7	7	5.2	Y	Absent		TSS-2540(7)
L2341704-02J	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		625-NYDEP(7)
L2341704-02K	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		625-NYDEP(7)
L2341704-02L	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-02M	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-02N	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-02O	Amber 1000ml Na2S2O3	A	7	7	5.2	Y	Absent		NYPCB-608-2L(365)
L2341704-02P	Amber 1000ml HCl preserved	A	NA		5.2	Y	Absent		NYTPH-1664(28)
L2341704-02Q	Amber 1000ml HCl preserved	A	NA		5.2	Y	Absent		NYTPH-1664(28)
L2341704-03A	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(7)
L2341704-03B	Vial Na2S2O3 preserved	A	NA		5.2	Y	Absent		624-NYDEP(7)

*Values in parentheses indicate holding time in days

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2341704
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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

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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

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.)

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2341704
Project Number:	0202156	**Report Date:**	08/02/23

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 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 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 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).
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

ALPHA ANALYTICAL

PAGE 1 OF 1

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: 7/21/23

ALPHA Job #: L2341704

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:

Client Information

Client: Haley & Aldrich of NY

Address: 237 West 35th st Floor 16, New York, NY 10123

Phone:

Fax:

Email: MConlon@haleyaldrich.com

☐ These samples have been Previously analyzed by Alpha

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

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?

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
41704-01	Influent DW SAMPLE 20230720	7/20/23	10:15	Water	EN	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐	☐		18
02	Effluent DW SAMPLE 20230720	7/20/23	9:30	Water	EN	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☐	☐		1
						Container Type: V	P	P	P	P	A	P	A	A	A	-	-		
						Preservative: H	C	A	A	A	B	D	H	H	-	-	-		

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

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Eddy Nunez	7/20/23	MPJN ALPHA	7/20/23 13:00
MPJN ALPHA	7/20/23 21:00	[signature]	7/20 2100
[signature]	7/21 0230	[signature]	7/21 0230
[signature]	7/21 0430	[signature]	7/21/23 0430

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 B
Analytical Data for Offsite Sentinel Wells – July 2023

ANALYTICAL REPORT

Lab Number:	L2340970
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:	07/25/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2340970
Report Date: 07/25/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2340970-01	OW-2_20230718	WATER	65 ECKFORD ST, BROOKLYN, NY	07/18/23 09:10	07/18/23
L2340970-02	OW-1_20230718	WATER	65 ECKFORD ST, BROOKLYN, NY	07/18/23 09:30	07/18/23

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

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:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

Case Narrative (continued)

Report Submission

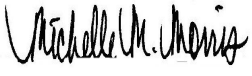
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2340970-01: The sample identified as "OW-1_20230718" on the chain of custody was identified as "OW-2_20230718" on the container label. At the client's request, the sample is reported as "OW-2_20230718".

L2340970-02: The sample identified as "OW-2_20230718" on the chain of custody was identified as "OW-1_20230718" on the container label. At the client's request, the sample is reported as "OW-1_20230718".

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: 07/25/23

ORGANICS

VOLATILES

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2340970
Report Date: 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-01
Client ID: OW-2_20230718
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/18/23 09:10
Date Received: 07/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/20/23 02:20
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 65 ECKFORD STREET **Lab Number:** L2340970

Project Number: 0202156 **Report Date:** 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-01 Date Collected: 07/18/23 09:10

Client ID: OW-2_20230718 Date Received: 07/18/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	0.87	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 65 ECKFORD STREET **Lab Number:** L2340970

Project Number: 0202156 **Report Date:** 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-01 Date Collected: 07/18/23 09:10

Client ID: OW-2_20230718 Date Received: 07/18/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	106		70-130

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2340970
Report Date: 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-02
Client ID: OW-1_20230718
Sample Location: 65 ECKFORD ST, BROOKLYN, NY
Date Collected: 07/18/23 09:30
Date Received: 07/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/20/23 02:43
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.1	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	4.4		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 65 ECKFORD STREET **Lab Number:** L2340970

Project Number: 0202156 **Report Date:** 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-02 Date Collected: 07/18/23 09:30

Client ID: OW-1_20230718 Date Received: 07/18/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.4	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.4	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 65 ECKFORD STREET **Lab Number:** L2340970

Project Number: 0202156 **Report Date:** 07/25/23

SAMPLE RESULTS

Lab ID: L2340970-02 Date Collected: 07/18/23 09:30

Client ID: OW-1_20230718 Date Received: 07/18/23

Sample Location: 65 ECKFORD ST, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2340970
Report Date: 07/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 20:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1805497-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 65 ECKFORD STREET **Lab Number:** L2340970

Project Number: 0202156 **Report Date:** 07/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 20:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1805497-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 65 ECKFORD STREET
Project Number: 0202156
Lab Number: L2340970
Report Date: 07/25/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 20:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1805497-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2340970

Report Date: 07/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1805497-3 WG1805497-4								
Methylene chloride	94		96		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	96		100		70-130	4		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	97		99		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	95		96		75-130	1		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	92		96		70-130	4		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	89		93		54-136	4		20
1,1,2,2-Tetrachloroethane	94		98		67-130	4		20
Benzene	96		98		70-130	2		20
Toluene	96		96		70-130	0		20
Ethylbenzene	99		99		70-130	0		20
Chloromethane	98		95		64-130	3		20
Bromomethane	76		81		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2340970

Report Date: 07/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1805497-3 WG1805497-4								
Vinyl chloride	96		97		55-140	1		20
Chloroethane	100		94		55-138	6		20
1,1-Dichloroethene	92		97		61-145	5		20
trans-1,2-Dichloroethene	94		94		70-130	0		20
Trichloroethene	84		89		70-130	6		20
1,2-Dichlorobenzene	91		93		70-130	2		20
1,3-Dichlorobenzene	93		94		70-130	1		20
1,4-Dichlorobenzene	90		93		70-130	3		20
Methyl tert butyl ether	95		100		63-130	5		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	95		94		70-130	1		20
Dibromomethane	96		100		70-130	4		20
1,2,3-Trichloropropane	87		90		64-130	3		20
Acrylonitrile	94		99		70-130	5		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	79		74		58-148	7		20
Carbon disulfide	93		94		51-130	1		20
2-Butanone	79		83		63-138	5		20
Vinyl acetate	**160**	Q	**160**	Q	70-130	0		20
4-Methyl-2-pentanone	98		92		59-130	6		20
2-Hexanone	93		99		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2340970
Report Date: 07/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1805497-3 WG1805497-4								
Bromochloromethane	95		100		70-130	5		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	96		99		70-130	3		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	91		93		70-130	2		20
n-Butylbenzene	94		97		53-136	3		20
sec-Butylbenzene	95		95		70-130	0		20
tert-Butylbenzene	90		92		70-130	2		20
o-Chlorotoluene	90		91		70-130	1		20
p-Chlorotoluene	92		91		70-130	1		20
1,2-Dibromo-3-chloropropane	90		92		41-144	2		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	92		94		70-130	2		20
p-Isopropyltoluene	92		93		70-130	1		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	91		92		69-130	1		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	96		99		70-130	3		20
1,3,5-Trimethylbenzene	94		95		64-130	1		20
1,2,4-Trimethylbenzene	94		95		70-130	1		20
1,4-Dioxane	100		96		56-162	4		20
p-Diethylbenzene	90		94		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 ECKFORD STREET

Project Number: 0202156

Lab Number: L2340970

Report Date: 07/25/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1805497-3 WG1805497-4								
p-Ethyltoluene	92		93		70-130	1		20
1,2,4,5-Tetramethylbenzene	92		94		70-130	2		20
Ethyl ether	94		100		59-134	6		20
trans-1,4-Dichloro-2-butene	81		82		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		124		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	99		101		70-130

Project Name: 65 ECKFORD STREET
Project Number: 0202156

Lab Number: L2340970
Report Date: 07/25/23

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(*)
L2340970-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2340970-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2340970-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2340970-02A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2340970-02B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2340970-02C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	65 ECKFORD STREET	**Lab Number:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

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:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

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:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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:**	L2340970
Project Number:	0202156	**Report Date:**	07/25/23

REFERENCES

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

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 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 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 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).
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.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/18/23

ALPHA Job #: L2340970

Client Information

Client: Haley & Aldrich of NY
Address: 257 West 55th St Floor 16, New York, NY 10123
Phone:
Fax:
Email: MConlon@HaleyAldrich.com

Project Information

Project Name: 65 Eckford Street
Project Location: 65 Eckford St Brooklyn NY
Project #: 0202456
(Use Project name as Project #) ☐
Project Manager: Mari Cate Conlon
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments
40970-01	GW-1_20230718	7/18/23	9:10	GW	EN	X	
-02	GW-2_20230718	7/18/23	10:30	GW	EN	X	

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Elly Wade	07/18/2023 11:00am	Paul Mazzella	7/18/23 11:45
Paul Mazzella	7/18/23 12:42		7/18/23 16:46
	7/18/23 2235		7/18 2235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)