



H & A OF NEW YORK
ENGINEERING AND GEOLOGY, LLP
213 West 35th Street, Floor 7
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646.277.5685

October 17, 2025
File No. 0210873

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York 11101

Attention: Mr. Christopher Allan

Subject: Post-Remedy Groundwater Monitoring – September 2025 Data
340 Myrtle Avenue
Brooklyn, New York
NYSDEC BCP Site No. C224340

Dear Mr. Allan:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to submit this report to document groundwater monitoring at the 340 Myrtle Avenue Redevelopment Site (“Site”) for September 2025. 340 Myrtle Development LLC (the Participant) has remediated a 0.202-acre property known as the 340 Myrtle Avenue Site, designated under Brownfield Cleanup Program (BCP) Site No. C224340. See **Figure 1** for a Site plan.

Purpose

This report summarizes groundwater monitoring activities, which are requirements of the Site Management Plan (SMP), dated February 25, 2025, and approved by the New York State Department of Environmental Conservation (NYSDEC).

Groundwater Monitoring Network

Five monitoring wells are used for post-remedy monitoring: two on-site within the source area and three off-site cross- and/or down-gradient. The well locations and groundwater contours are shown on **Figure 2**.

Groundwater Monitoring

Groundwater monitoring has occurred at the Site since completion of remediation in August 2024 and submittal of the final SMP in February 2025. An Environmental Easement (EE) package was submitted to NYSDEC on September 26, 2024, and recorded with the Kings County Clerk on October 23, 2024. The EE requires compliance with the SMP and the Institutional Controls (ICs) placed on the Site. Upon the completion of the post-remedy groundwater sampling and evaluation of the results, a determination will

be made if the ICs can be lifted or become permanent. Samples will be collected until the EE is terminated in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36, or until it is determined in consultation with NYSDEC and New York State Department of Health (NYSDOH) that groundwater concentrations are found below the NYSDEC standards or have become asymptotic over an extended period. In September 2025, groundwater monitoring was performed in accordance with the Groundwater Monitoring Plan included in the SMP.

Samples were collected and analyzed in accordance with the NYSDEC-approved SMP, which included the following analyses:

- Chlorinated volatile organic compounds (CVOCs) by U.S. Environmental Protection Agency (EPA) Method 8260C

Chemical analyses were performed by Pace Analytical Services, LLC (Pace), an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory.

Analytical results from the September 2025 sampling event are summarized in **Table 1** and on **Figure 3** and are compared to the Class GA Groundwater values listed in the Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards (AWQS). **Appendix A** contains the laboratory report for the groundwater sampling analyses. **Appendix B** contains groundwater monitoring purge logs. Shaded values in **Table 1** indicate results that are higher than their respective AWQS.

September 2025 Results Summary

The September 2025 groundwater sampling event was performed on September 9, 2025, using low-flow sampling procedures. Well purging, sampling, sample containment, chain of custody and sample transportation procedures, and laboratory analyses were completed in accordance with the SMP. Results exceeding the AWQS are summarized as follows:

MW-3I: One CVOC, tetrachloroethene (PCE), was detected above its AWQS at a concentration of 29 micrograms per liter ($\mu\text{g/L}$). PCE was also detected above its AWQS in the duplicate sample collected at MW-3I, at a concentration of 28 $\mu\text{g/L}$.

MW-04: One CVOC, PCE, was detected above its AWQS at a concentration of 42 $\mu\text{g/L}$.

MW-05: Two CVOCs, PCE and chloroform, were detected above their respective AWQS at concentrations of 34 $\mu\text{g/L}$ and 7.4 $\mu\text{g/L}$, respectively.

MW-06: One CVOC, PCE, was detected above its AWQS at an estimated concentration of 77 $\mu\text{g/L}$.

MW-07: One CVOC, PCE, was detected above its AWQS at a concentration of 12 $\mu\text{g/L}$.

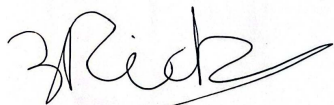
Future Monitoring

Future groundwater monitoring events will occur quarterly at the Site. The next event will occur in Q4 2025.

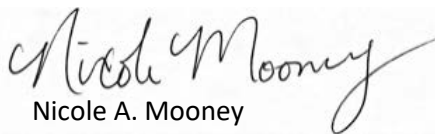
Please do not hesitate to call if you have any questions or comments.

Sincerely yours,

H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP



Zavier Richards
Staff Engineer 2



Nicole A. Mooney
Assistant Project Manager



Matthew Levy
Senior Project Manager

Attachments:

Table 1 – Post-Remedy Groundwater Monitoring Results – September 2025

Figure 1 – Site Plan

Figure 2 – September 2025 Groundwater Contours

Figure 3 – Post-Remedy Groundwater Exceedances

Appendix A – September 2025 Laboratory Report

Appendix B – Groundwater Monitoring Purge Logs

https://haleyaldrich.sharepoint.com/sites/BrooklynBuildersInc/Shared Documents/0210873.340 Myrtle BCP Site/Deliverables/08. Quarterly Groundwater Monitoring Reports/2025_Q3 GWM Report/2025_1017-HANY-C224340_GWM_Report Q3 2025_F.docx

TABLE

TABLE 1
POST-REMEDY GROUNDWATER MONITORING RESULTS - SEPTEMBER 2025
 340 MYRTLE AVENUE
 BROOKLYN, NEW YORK
 FILE NO. 0210873

Location Name	Criteria						
	New York TOGS	MW-3I	MW-3I	MW-4	MW-5	MW-6	MW-7
Sample Name	111 Ambient	MW-3I_20250909	DUP-01_20250909	MW-4_20250909	MW-5_20250909	MW-6_20250909	MW-7_20250909
Sample Date	Water Quality	09/09/2025	09/09/2025	09/09/2025	09/09/2025	09/09/2025	09/09/2025
Lab Sample ID	Standards	L2556707-01	L2556707-06	L2556707-03	L2556707-04	L2556707-02	L2556707-05
Volatile Organic Compounds (µg/L)							
1,1,1-Trichloroethane	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform (Trichloromethane)	7	2.2 J	2.3 J	3	7.4	2.9	4.7
cis-1,2-Dichloroethene	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methylene chloride (Dichloromethane)	5	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	29	28	42	34	77 J	12
Trichloroethene	5	0.34 J	0.32 J	0.74	0.94	0.63	0.79
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

J: Value is estimated

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Groundwater analytical results are compared to NY-AWQS: NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water.

- Grey shading indicates an exceedance of the AWQS criteria.

FIGURES

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LEGEND

-  SITE BOUNDARY
-  PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024



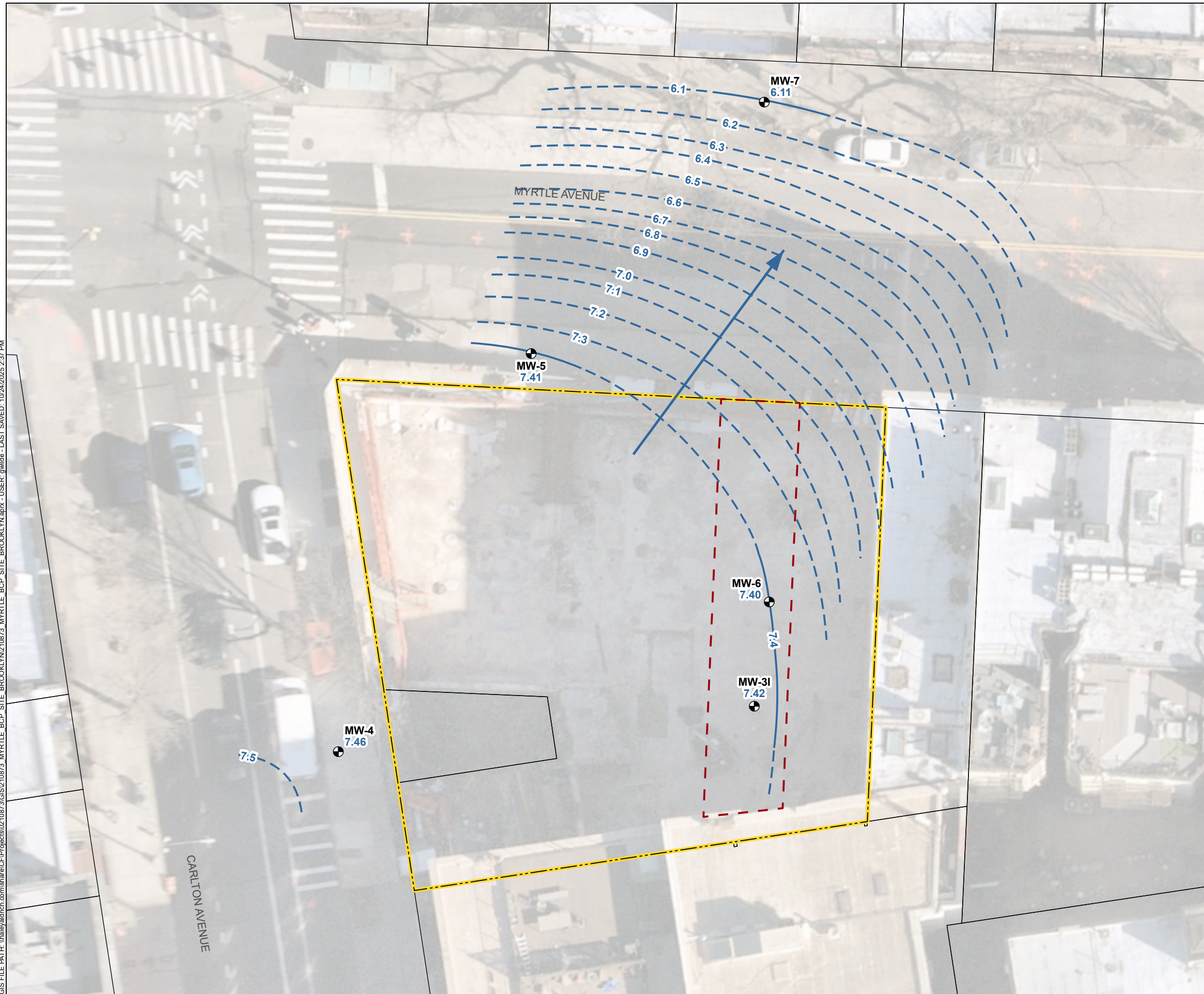
**HALEY
ALDRICH** 340 MYRTLE AVENUE
BROOKLYN, NEW YORK

SITE PLAN







JUNE 2024

FIGURE 1

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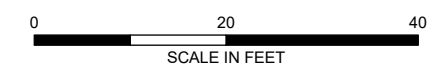


LEGEND

-  MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET (FT)
-  GROUNDWATER FLOW DIRECTION
-  GROUNDWATER ELEVATION CONTOUR, 0.1-FT INTERVAL, DASHED WHERE INFERRED
-  FORMER DRY CLEANER
-  SITE BOUNDARY
-  PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024



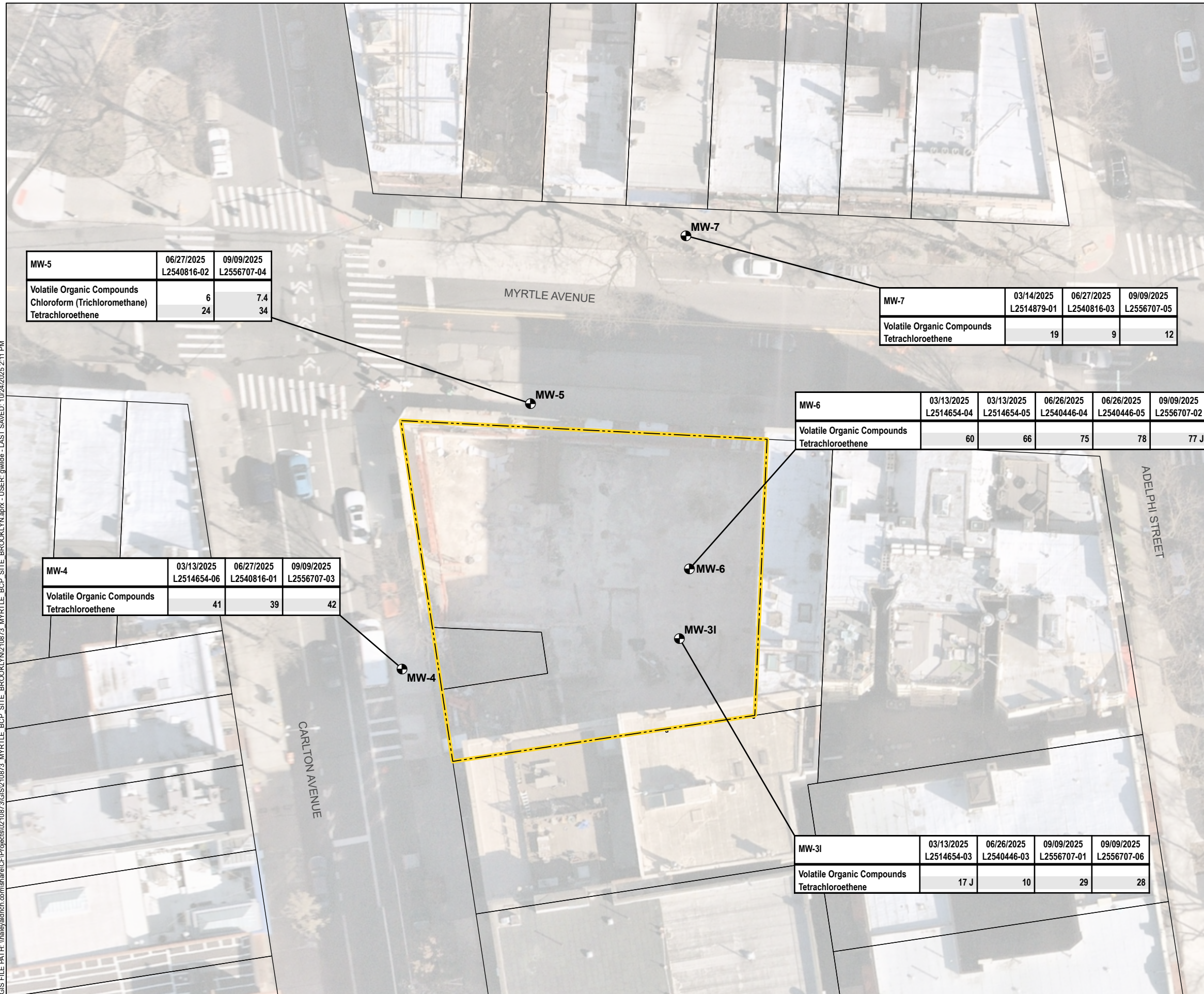
HALEY ALDRICH
 340 MYRTLE AVENUE
 BROOKLYN, NEW YORK

SEPTEMBER 2025
 GROUNDWATER CONTOURS

OCTOBER 2025

FIGURE 2

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MW-5	06/27/2025 L2540816-02	09/09/2025 L2556707-04
Volatile Organic Compounds	6	7.4
Chloroform (Trichloromethane)	24	34
Tetrachloroethene		

MW-7	03/14/2025 L2514879-01	06/27/2025 L2540816-03	09/09/2025 L2556707-05
Volatile Organic Compounds		9	12
Tetrachloroethene	19		

MW-6	03/13/2025 L2514654-04	03/13/2025 L2514654-05	06/26/2025 L2540446-04	06/26/2025 L2540446-05	09/09/2025 L2556707-02
Volatile Organic Compounds					
Tetrachloroethene	60	66	75	78	77 J

MW-4	03/13/2025 L2514654-06	06/27/2025 L2540816-01	09/09/2025 L2556707-03
Volatile Organic Compounds			
Tetrachloroethene	41	39	42

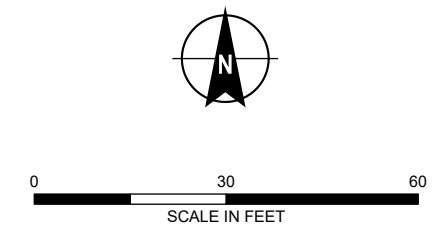
MW-3I	03/13/2025 L2514654-03	06/26/2025 L2540446-03	09/09/2025 L2556707-01	09/09/2025 L2556707-06
Volatile Organic Compounds				
Tetrachloroethene	17 J	10	29	28

- LEGEND**
- MONITORING WELL
 - SITE BOUNDARY
 - PARCEL BOUNDARY

Volatile Organic Compounds (ug/L)	AWQS
Chloroform	7
Tetrachloroethene	5

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1. AMBIENT WATER QUALITY STANDARDS (AWQS).
3. RESULTS SHADED GRAY EXCEED NYSDEC AWQS (5 µg/L).
4. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (µg/L).
5. ONLY GROUNDWATER EXCEEDANCES ARE SHOWN ON FIGURE.
6. PARCEL DATA SOURCE: KINGS COUNTY
7. AERIAL IMAGERY SOURCE: NEARMAP, 8 MARCH 2024



HALEY ALDRICH 340 MYRTLE AVENUE
BROOKLYN, NEW YORK

**POST-REMEDY
GROUNDWATER EXCEEDANCES**

OCTOBER 2025

FIGURE 3

APPENDIX A
September 2025 Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L2556707
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Matthew Levy
Phone:	(917) 765-7049
Project Name:	340 MYRTLE AVE
Project Number:	0210873-001-001-07
Report Date:	09/16/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2556707-01	MW-3I_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 08:15	09/09/25
L2556707-02	MW-6_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 09:40	09/09/25
L2556707-03	MW-4_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 10:55	09/09/25
L2556707-04	MW-5_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 13:00	09/09/25
L2556707-05	MW-7_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 14:10	09/09/25
L2556707-06	DUP-01_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 08:20	09/09/25
L2556707-07	FB-01_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/09/25 13:05	09/09/25
L2556707-08	TB-01_20250909	WATER	340 MYRTLE AVE, BROOKLYN, NY	09/08/25 00:00	09/09/25

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

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.

Volatile Organics

The WG2115361-6/-7 MS/MSD recoveries performed on L2556707-02 are outside the acceptance criteria for tetrachloroethene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

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

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 09/16/25

ORGANICS

VOLATILES

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-01
Client ID: MW-3I_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 08:15
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/25 14:56
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
Chloroform	2.2	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	29		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.34	J	ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-02
Client ID: MW-6_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 09:40
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/25 15:21
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
Chloroform	2.9		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	77		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.63		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-03
Client ID: MW-4_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 10:55
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/25 15:47
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
Chloroform	3.0		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	42		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.74		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-04
Client ID: MW-5_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 13:00
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/25 16:12
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
Chloroform	7.4		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	34		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.94		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-05
Client ID: MW-7_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 14:10
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/13/25 16:37
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
Chloroform	4.7		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	12		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.79		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-06
Client ID: DUP-01_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 08:20
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/14/25 09:48
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
Chloroform	2.3	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	28		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	0.32	J	ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-07
Client ID: FB-01_20250909
Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/09/25 13:05
Date Received: 09/09/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/14/25 10:13
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
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	ND		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	111		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

SAMPLE RESULTS

Lab ID: L2556707-08
 Client ID: TB-01_20250909
 Sample Location: 340 MYRTLE AVE, BROOKLYN, NY

Date Collected: 09/08/25 00:00
 Date Received: 09/09/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/14/25 10:39
 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
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
Trichloroethene	ND		ug/l	0.50	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 09/14/25 09:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-08 Batch: WG2115361-12					
Methylene chloride	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
Tetrachloroethene	ND		ug/l	0.50	0.18
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
Trichloroethene	ND		ug/l	0.50	0.18
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/13/25 12:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2115361-5					
Methylene chloride	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
Tetrachloroethene	ND		ug/l	0.50	0.18
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
Trichloroethene	ND		ug/l	0.50	0.18
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-08 Batch: WG2115361-10 WG2115361-11								
Methylene chloride	100		100		70-130	0		20
Chloroform	93		91		70-130	2		20
Carbon tetrachloride	83		80		63-132	4		20
Tetrachloroethene	93		92		70-130	1		20
1,1,1-Trichloroethane	86		86		67-130	0		20
Vinyl chloride	110		110		55-140	0		20
1,1-Dichloroethene	100		100		61-145	0		20
Trichloroethene	93		92		70-130	1		20
cis-1,2-Dichloroethene	95		95		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	98		95		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	103		98		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2115361-3 WG2115361-4								
Methylene chloride	110		100		70-130	10		20
Chloroform	93		89		70-130	4		20
Carbon tetrachloride	83		78		63-132	6		20
Tetrachloroethene	100		100		70-130	0		20
1,1,1-Trichloroethane	88		82		67-130	7		20
Vinyl chloride	120		110		55-140	9		20
1,1-Dichloroethene	120		100		61-145	18		20
Trichloroethene	98		94		70-130	4		20
cis-1,2-Dichloroethene	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	79		79		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	91		91		70-130



Matrix Spike Analysis
Batch Quality Control

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2115361-6 WG2115361-7 QC Sample: L2556707-02 Client ID: MW-6_20250909												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
Chloroform	2.9	10	13	101		13	101		70-130	0		20
Carbon tetrachloride	ND	10	8.2	82		8.2	82		63-132	0		20
Tetrachloroethene	77	10	64	0	Q	64	0	Q	70-130	0		20
1,1,1-Trichloroethane	ND	10	9.3	93		9.3	93		67-130	0		20
Vinyl chloride	ND	10	13	130		13	130		55-140	0		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
Trichloroethene	0.63	10	9.7	91		9.8	92		70-130	1		20
cis-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	103		101		70-130
Toluene-d8	102		103		70-130



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

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(*)
L2556707-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-02C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Serial_No:09162517:16
Lab Number: L2556707
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2556707-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-07A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-07B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-07C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-08A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2556707-08C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)



Project Name: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

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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



Project Name: 340 MYRTLE AVE
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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 Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

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: 340 MYRTLE AVE
Project Number: 0210873-001-001-07

Lab Number: L2556707
Report Date: 09/16/25

REFERENCES

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

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, **LCHAT 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, SM4500CL-G, 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.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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



Sample Delivery Group Summary

Pace Job Number : L2556707

Received : 09-SEP-2025

Reviewer : Harmony Evans

Account Name : Haley & Aldrich

Project Number : 0210873-001-001-07

Project Name : 340 MYRTLE AVE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.9	

Condition Information

- | | |
|--|------------|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|-----------|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|-----------|

APPENDIX B
Groundwater Monitoring Purge Logs

